

A Bibliography of Papers in *Lecture Notes in Computer Science* (1996), Part 1 of 2

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

11 March 2017
Version 1.28

Title word cross-reference **-Space** [1416]. **-Trees** [1975]. **-Tuples** [537].
 -wise [552].

2 [388, 1104, 416, 895]. 3 [2, 255, 1416, 931, 1022, 11, 944, 17, 962, 20, 1023, 24, 904, 1607, 227, 1016, 251, 40, 252, 428, 905, 250, 1308].
 i, k [187]. K [1902, 552, 1975, 1606, 1607]. **1** [747, 1980]. **1-Coloring** [1980]. **12** [1590].
 $\lambda(?)$ [2030, 2029]. **Z/nZ** [1238]. **Z_n** [1239]. N **160** [337].
[384, 919]. $O(dSd \times dTd)$ [1884]. $o(n03)$ **2** [1370, 1342, 1191, 351, 34]. **2-Layer** [34].
[1604]. $O(n \log n)$ [1822, 529]. q [1366]. r **2-Paths** [1342]. **2/3** [1370]. **2/**
[537]. t [1258]. **3-Approximation** [1370].

-Algorithm [1884]. **-approximation** [1053]. **3** [2044]. **3-free** [2044]. **368** [1915].
-Average-Time [1822]. **-body** [384]. **4** [151, 29]. **4-Connected** [29]. **4.0** [1182].
-Calculus [2030, 2029]. **-Cuts** [1607]. **-D** **5** [386, 488, 140].
[11, 388, 1104]. **-Dimensional** [2, 919]. **-Relaxation** [1603]. **-Resilient** [1258].
-rule [784]. **-Samples** [1366]. **-Set** [1606].

83 [1811].

90 [1183, 399, 176]. **95**

[164, 144, 1806, 1813, 1799, 138, 1784, 1790, 150, 1793, 1809, 1785, 1819, 1812, 1808, 149, 1796, 1789, 1814, 1807, 1800, 1781].

= [819].

A0* [819]. **Ab-initio** [412]. **Abductive** [1650]. **ABDUCTOR** [51]. **ABR** [485, 471]. **Absence** [799]. **Abstract** [821, 1202, 1905, 605, 560, 567, 768, 1913, 1209, 1033, 678]. **Abstraction** [1865, 806, 629, 1568, 1540, 591, 195, 784, 1362]. **Abstractions** [2021]. **Acceptance** [484]. **Access** [668, 81, 753, 481, 482]. **ACCESS.bus** [643]. **Accesses** [2066]. **Accessibility** [1635]. **Accommodating** [750]. **ACCOPI** [664, 498]. **Account** [1217]. **Accumulated** [338]. **Accuracy** [979, 184, 1079]. **Achieve** [471]. **Achievements** [1083]. **Achieving** [165, 61]. **acquire** [379]. **Acquiring** [371]. **Acquisition** [1577, 1408, 1402, 1410, 1405, 1399, 130, 1398, 1407, 1022, 366, 378, 353]. **Across** [1893]. **Acting** [2039, 291]. **Action** [1548, 537, 624, 1689, 1672, 491, 623, 1501]. **Actions** [528, 605, 1547, 1909, 1671, 1682]. **Activation** [1721]. **Active** [1957, 231, 1943, 229, 1516, 718, 79, 1521, 230, 1115, 87, 232, 2017, 234, 916, 993, 1012, 998]. **Activities** [835, 836, 1521, 2021]. **Actor** [1697]. **Actor-Based** [1697]. **Actors** [1865]. **acts** [363]. **Acyclic** [1627, 1823]. **Ada** [131, 1795, 143, 164, 162, 163, 1806, 160, 1813, 1799, 135, 138, 1784, 1815, 1790, 150, 1793, 134, 145, 1809, 1785, 1819, 148, 1812, 1808, 149, 1786, 1787, 141, 1789, 157, 1811, 1798, 1814, 1807, 1800, 133, 1794, 139, 1818, 1804, 1781, 136, 1816]. **Ada-Object** [143]. **Ada/O2** [1811]. **Ada95** [165, 137, 132, 153]. **Adapt** [452]. **Adaptation** [836, 323, 1756, 439]. **Adapting** [600]. **Adaptive** [748, 1435, 1232, 1752, 1147, 1753,

402, 1724, 447, 586, 777, 1154, 1436, 1011]. **Adaptivity** [665]. **Add** [416]. **Adding** [1953, 1292]. **Addition** [1332, 1807]. **Additional** [1806]. **Address** [178]. **Addressing** [501]. **Adjunctions** [1315]. **Adjustment** [50]. **Admission** [502, 666, 667]. **Admit** [544]. **Adocs** [4]. **Advanced** [1690, 1538, 59]. **Adversary** [2074]. **Advice** [1551, 1731]. **Advice-Giving** [1551, 1731]. **Advisor** [1730]. **Advisors** [1760]. **aerial** [909]. **Aerodynamic** [1192]. **Aeronautic** [1085]. **Aeronautical** [1087]. **Aerospace** [1118]. **Aerospatiale** [1089]. **Aesthetics** [44]. **Affine** [1160, 958, 944]. **Affine/photometric** [958]. **Affordable** [1101]. **Against** [347, 1251]. **AGD** [1732]. **Agency** [447, 301]. **Agent** [304, 325, 302, 1225, 1232, 440, 1769, 441, 1766, 322, 1229, 1558, 1684, 1778, 1222, 319, 1720, 1230, 442, 327, 1223, 495, 1771, 1699, 308, 1770, 310, 1224, 309, 1780, 1775, 1533, 1233, 1776, 1590, 1767, 290, 311, 297, 298, 439, 312, 1559, 2073, 320, 2081, 1483, 1504, 311]. **Agent-Based** [1720, 1533]. **Agent-Oriented** [1223, 1504]. **Agents** [314, 1779, 306, 299, 1691, 859, 1640, 1642, 307, 296, 118, 317, 328, 287, 329, 694, 890, 305, 1671, 316, 1580, 1774, 297, 1218, 291, 288, 315, 200]. **AgentSpeak** [316]. **Aggregate** [727, 182]. **Aggregates** [824]. **Aggregation** [271, 751]. **Aggressive** [812]. **Agreement** [62, 1972, 1262]. **Agreements** [58]. **AGVs** [128]. **AHS** [1036]. **AI** [1922]. **aide** [1727]. **Aided** [79, 108, 1514, 122]. **Air** [158, 901, 120]. **Aircrafts** [1089]. **Akratic** [1689]. **Alarms** [301]. **Alexandria** [1594]. **Algebra** [1898, 205, 390, 393, 392, 842, 1905, 714, 684, 1361]. **Algebraic** [1312, 1350, 687, 155, 2027, 1021, 589]. **Algebras** [1311, 1351, 1324, 694, 1917]. **Algorithm** [1577, 381, 1546, 896, 473, 1370, 1983, 877, 1363, 1602, 82, 1133, 1191, 1157, 886, 319, 689, 2078, 402, 767, 1948, 882, 282,

1724, 177, 35, 640, 1882, 196, 1884, 895, 426, 40, 323, 429, 1982, 1599, 1620, 902, 471, 884, 480, 1822, 372, 1024]. **algorithmic** [2080]. **Algorithms** [2065, 1979, 1387, 1970, 795, 1621, 1841, 8, 9, 12, 879, 2076, 2067, 1600, 1289, 396, 397, 1373, 1162, 1994, 1365, 408, 1608, 462, 899, 564, 1383, 224, 1248, 1626, 1293, 239, 881, 34, 36, 1309, 2042, 901, 1386, 1237, 1236, 1963, 2046, 883, 1837, 1831, 460, 433, 1623, 867, 1567, 1842, 1573, 241, 1379, 1119, 1388, 1464, 674, 979, 675, 681, 357]. **Alias** [2009]. **Alias-Free** [2009]. **Aliases** [825]. **Alignment** [1374, 1379, 989, 939]. **Alignments** [1993]. **Allow** [1429]. **Allowing** [1741]. **Almaden** [1593]. **Almost** [1272, 415]. **Alphabet** [1385, 1258]. **ALPSTONE** [1174]. **Alternation** [2054]. **Alternative** [877, 764, 1931, 1289, 168]. **ALWAN** [857]. **Amalgamating** [733]. **ambiguities** [964]. **Ambiguity** [210]. **ambiguous** [974]. **America** [1581]. **Among** [1779, 328, 1917, 450]. **Amount** [1201]. **Anaesthesia** [625]. **Analogical** [1653, 1659]. **Analogous** [1663]. **Analogy** [1660, 375]. **Analyses** [2065, 2067, 169]. **Analysing** [1887, 1667]. **Analysis** [1129, 266, 383, 1332, 816, 1525, 687, 621, 469, 166, 643, 1998, 821, 1077, 766, 1526, 1402, 171, 1127, 575, 1644, 567, 198, 547, 1295, 1835, 170, 714, 414, 1624, 1854, 771, 1878, 1879, 233, 713, 1883, 1859, 217, 240, 187, 222, 1386, 711, 1794, 121, 153, 190, 154, 487, 817, 574, 1449, 1893, 1041, 935, 987, 1459, 1038, 920, 904, 963, 1284, 2082, 354]. **Analysis/Design** [154]. **Analyst** [1710]. **analytic** [1276]. **Analytical** [1793]. **Analyze** [1435]. **Analyzer** [686]. **Analyzing** [321, 704, 120]. **Anaphora** [1553, 280, 369]. **Ancestors** [1979]. **Ancestral** [1993]. **ANDF** [138]. **Angle** [230]. **angular** [966]. **Animated** [1419]. **Animation** [1881, 894]. **Annealing** [17, 40]. **Annotation** [215]. **Annotations** [197, 1390]. **Anomaly** [1090, 2011]. **ANSI** [1305]. **Answering** [1674]. **Anti** [810, 1612]. **Anti-Monge** [1612]. **Anticipatory** [1778]. **Ants** [1220]. **Aperiodic** [516, 518]. **APIs** [86]. **apparent** [911]. **APPEAL** [1224]. **Appearance** [236, 913]. **Applicability** [1542]. **Application** [158, 1342, 1378, 325, 2005, 621, 1228, 135, 988, 665, 2006, 1642, 208, 537, 494, 899, 660, 1520, 141, 620, 464, 203, 1842, 661, 491, 1765, 1459, 1284, 1491]. **Applications** [2065, 1211, 1086, 389, 1957, 1111, 1137, 218, 2067, 1289, 658, 850, 1419, 1076, 756, 474, 1638, 723, 1812, 411, 1223, 669, 489, 871, 495, 1192, 1838, 1246, 174, 61, 2040, 286, 1798, 1540, 1563, 1430, 125, 1181, 2046, 133, 1794, 1120, 2017, 136, 1934, 241, 1204, 1468, 996, 925]. **Applied** [1081, 467, 617]. **Applying** [158, 369, 267, 1733, 1817, 622, 372]. **Apprentice** [1734]. **apprentissage** [1703]. **Approach** [1296, 1311, 649, 741, 1313, 320, 295, 651, 726, 830, 1153, 1232, 124, 1758, 150, 231, 1289, 1793, 219, 1447, 1734, 1710, 1629, 1365, 1374, 1226, 409, 1875, 91, 542, 1786, 269, 1883, 1564, 1699, 308, 423, 132, 1625, 1224, 890, 465, 1303, 1585, 1233, 1926, 777, 1377, 1148, 637, 97, 1403, 1443, 613, 1306, 1308, 565, 615, 458, 574, 1523, 1063, 1479, 375, 2079, 362, 913, 1490, 1501, 682, 1025, 1481, 1069, 940, 1068, 352, 994, 957, 1061]. **Approaches** [1554, 1441, 1828, 1746, 220, 1480, 356, 348]. **Approche** [1717]. **appropriate** [922]. **appropriateness** [984]. **approximability** [1855]. **Approximants** [784]. **Approximate** [1363, 1451, 1364, 1389, 1965, 1369, 1386, 1368, 1366]. **Approximating** [1851, 1606, 1971, 1607, 1850, 1986, 1062]. **Approximation** [2069, 533, 1387, 1378, 1970, 2044, 1608, 1257, 1835, 1108, 1969, 1968, 73, 1623, 1349, 1379, 673, 1030, 1053, 1370]. **Approximations** [1253, 1054]. **AQ17** [1459]. **AQ17-DCI** [1459]. **Arbitrary** [1976, 1599]. **Arc** [1880, 2043]. **Arc-Typed**

[1880]. **Architectural** [649, 1447, 1817, 1422, 1020]. **Architecture** [1737, 304, 302, 837, 1228, 299, 1778, 1134, 1951, 300, 1697, 1698, 1441, 1078, 505, 303, 68, 104, 755, 1699, 1425, 252, 497, 486, 1138, 1776, 1673, 487, 1437, 590, 1498, 1696, 1505, 355, 1496, 1506]. **Architectures** [166, 1728, 268, 102, 1144, 1789, 194, 743, 1079, 297, 1187, 312]. **ARCHON** [1219]. **Area** [790, 1831]. **Area-Efficient** [1831]. **Arguing** [1762]. **Argumentation** [1644, 1648, 1649, 1660, 1686, 1666, 1667, 1670, 1676, 565]. **Argumentation-Theoretic** [565]. **Argumentative** [1673]. **Arguments** [1685, 1658, 1667, 1487]. **Aria** [144, 1796]. **Ariadne** [844]. **Ariane** [140]. **Aristotle** [126, 1655]. **Arithmetic** [788, 552, 2026]. **Arrangements** [1828]. **Array** [166, 171, 169, 179, 874, 1107, 866]. **Arrays** [831]. **Arrow** [2035]. **ART** [1719]. **articular** [998]. **Articulated** [1233, 932]. **Articulation** [1716]. **Artificial** [869, 868, 1925, 887, 890]. **ASIC** [1228]. **ASIS** [142, 1803]. **Asking** [1826]. **Aspect** [1910]. **Aspects** [1320, 102, 1890]. **Assembly** [280, 1438]. **Assertional** [708]. **Assertions** [1357]. **Assessment** [160, 1752, 1753, 131, 721, 1715, 1794, 1682]. **Assignment** [1612, 823, 898, 824]. **Associated** [1853]. **Associativity** [1919]. **Assumption** [782, 1500]. **Assumption/Commitment** [782]. **Assumptions** [1391, 1392]. **Astrophysical** [428]. **Asymmetric** [1237, 1241, 1380]. **Asymptotic** [879]. **Asynchronous** [2074, 1100, 327, 1875, 2028, 1857, 1891]. **Asynchronous-Object** [327]. **Asynchronously** [638]. **Asynchrony** [759]. **ATAC** [162]. **ATEMPT** [1180]. **ATM** [1131, 484, 483, 459, 477, 478, 664, 486, 460, 476, 1893, 475]. **Atmospheric** [1097, 1098, 438]. **Atom** [419]. **attachment** [361]. **Attacks** [1260, 343, 77, 79, 330, 344, 87]. **Attempt** [1435]. **Attitudes** [1766, 322, 288]. **Attraction** [99]. **Attribute** [1576, 1340, 1493]. **Attribute-Oriented** [1576]. **Attributed** [1322]. **attributes** [1476]. **Audiences** [1676]. **audio** [996]. **audio-visual** [996]. **Audit** [1633]. **Augmentation** [1838]. **Augmenting** [1806]. **Australian** [64, 65]. **Authentication** [84, 538]. **Authenticators** [1862]. **Author** [1268, 2022]. **Authoring** [489, 1701]. **authority** [1240]. **Auto** [1259]. **Auto-correlations** [1259]. **autoepistemic** [1277]. **Automata** [528, 163, 788, 1333, 388, 869, 530, 2049, 456, 2048, 787, 425, 704, 1963, 791, 458, 1066, 1028, 1064, 1060, 1062, 1059, 1071]. **Automata-Theoretic** [458]. **Automated** [320, 455, 1502, 60, 1959, 1303, 1731, 1034, 165, 1060, 1031]. **Automatic** [192, 909, 1176, 387, 1133, 945, 1301, 2006, 693, 1549, 947, 963, 1302, 196, 698, 363, 1300, 675, 568, 1298, 112, 191, 43, 641, 1042, 366, 993]. **Automatically** [710]. **Automating** [1577, 1469, 580]. **Automation** [1223, 620, 1502]. **Automaton** [75]. **Automotive** [1086, 1085]. **Autonomous** [1589, 1921, 1778, 890, 875, 450, 1767, 1774, 258, 1934]. **Autonomous-Agent** [1767]. **Availability** [745]. **Average** [2065, 1852, 534, 1822]. **AVL** [387]. **Avoiding** [588]. **Awareness** [1708]. **Away** [1571]. **Axiomatisation** [767]. **Axiomatising** [792]. **Axiomatization** [2033]. **aye** [1071]. **aye-automata** [1071]. **B** [395, 463, 622, 481, 467, 623]. **B-ISDN** [463, 481, 467]. **B-Tool** [623]. **Babel** [609]. **Back** [1191]. **Back-Propagation** [1191]. **Backbone** [1755]. **Backend** [180]. **Backtrack** [2072]. **Bacterial** [323]. **Bake** [1550]. **Baker** [125]. **Balanced** [512, 1147, 1724]. **Balancing** [1821, 1146, 405, 413, 1148, 1145]. **Ballot**

[1240]. **Bandwidth** [333, 2024]. **Bank** [1954]. **Banking** [2004]. **Base** [1411, 1530, 2042, 278, 480, 1453, 1457]. **Based** [1552, 527, 304, 795, 1073, 536, 1554, 668, 1932, 135, 138, 1558, 602, 1733, 842, 1301, 182, 1305, 1344, 1749, 1720, 1646, 1697, 1710, 207, 1698, 2023, 1207, 1155, 1653, 1295, 75, 1399, 1231, 463, 282, 714, 1532, 861, 1724, 35, 1879, 1771, 1705, 264, 570, 1519, 1541, 262, 57, 1699, 1693, 1238, 1750, 276, 1780, 849, 252, 1303, 1117, 1575, 1533, 222, 486, 743, 344, 253, 1213, 883, 2012, 1120, 1941, 156, 1748, 113, 1239, 48, 1424, 1110, 263, 1294, 581, 574, 1515, 884, 315, 234, 476, 1757, 1955, 1751, 932, 1479, 1480, 988, 1505, 911]. **based** [989, 947, 1010, 951, 953, 1585, 1481, 1061, 1024, 1482, 1491, 1461, 1287, 1489, 371, 373, 389, 659, 118, 1121, 1619, 1188, 167]. **basée** [1745]. **Basic** [101, 393, 604, 1288]. **Basins** [99]. **Basis** [1713, 1126]. **Bayesian** [1548, 1752, 1935, 1940, 1559]. **BDI** [300, 317, 316]. **Be** [468, 1955, 1334]. **Bear** [341]. **Beauty** [18]. **Becomes** [1643]. **Beginners** [1758]. **Behavior** [321, 1705, 2021, 865, 1891, 1504]. **Behavioral** [1869, 445, 1889]. **behaviorist** [1481]. **Behaviors** [876]. **Behaviour** [1947, 1010]. **Behavioural** [802, 803]. **Belief** [1683, 1684, 1656, 1646, 313, 1652, 310, 1927, 612, 289, 1755, 1633]. **Belief-Desire-Intention** [289]. **Beliefs** [1713]. **Benchmark** [747, 387, 1309, 1124]. **Benchmarking** [1535, 1193, 407, 1174]. **Bend** [26]. **Best** [525, 679]. **best-first** [679]. **BETA** [2019, 1878]. **Between** [2016, 593, 1902, 1946, 1324, 270, 2035, 2018, 1330]. **Beyond** [1807]. **Bi** [1838]. **Bi-Level** [1838]. **bias** [1508]. **Biased** [1858]. **Biases** [1534]. **Bibliography** [439, 312]. **Bidirectional** [255, 967]. **bifurcation** [920]. **Bijections** [540]. **Billion** [869]. **Binary** [546, 1544, 18, 1997]. **Binding** [2003]. **Bindings** [666]. **binocular** [939]. **binocularly** [917]. **Binomial** [2042]. **Bioelectromagnetic** [1080]. **Biological** [1107, 1377, 1722]. **Biology** [1367]. **Bipartite** [1622]. **Bipartitioning** [1138]. **Birth** [873]. **Birthday** [1260]. **BISDN** [462]. **Bisimulation** [2062]. **Bit** [502, 2059]. **Bits** [1249]. **Bivariate** [1249]. **Black** [515]. **Black-Box** [515]. **BLAS** [404]. **Block** [341, 732, 395, 1155, 224, 415, 347, 342]. **Block-Diagonal** [415]. **blood** [990]. **Blowfish** [332]. **BLOWmolding** [1128]. **BLOWPAC** [1128]. **blur** [969]. **Board** [140, 162]. **Body** [227, 384, 1008]. **Boltzmann** [1134, 1109]. **bond** [1046, 1169]. **Book** [1434]. **Books** [1837]. **Boolean** [533, 1998, 1835, 1259]. **Botanical** [18]. **Both** [1730, 149]. **Bottleneck** [159]. **bottom** [1503]. **bottom-up** [1503]. **Bouclettes** [1177]. **Bound** [397, 1157, 1611, 680, 679, 678]. **Boundaries** [409]. **Boundary** [243]. **Bounded** [512, 597, 1342, 508, 1605, 543, 520, 1914, 555, 1916, 1820, 2026, 1325]. **Bounded-Degree** [1605]. **Boundedness** [541]. **Bounds** [1833, 557, 533, 1821, 2057, 5, 2060, 1827, 558, 463, 2049, 1978, 549, 2059, 2026, 1619, 1259, 980]. **Box** [515, 37]. **Boyer** [1364]. **BPP** [2052]. **Bracketed** [1347]. **Brain** [869, 869]. **Branch** [185, 397, 1157, 680, 679, 678]. **branch-and-bound** [679]. **Branching** [2051, 1662]. **Breaking** [159, 692, 1404, 2073]. **Bridging** [2018]. **Broadband** [469, 474, 479, 481, 482]. **Broadcasting** [851]. **Browser** [3]. **Bubble** [1572]. **Buechi** [2047]. **Build** [585]. **Building** [302, 680, 1901, 600, 1596, 894, 1926, 1380, 1581, 1764]. **Buildings** [1079]. **BURS** [819]. **Burstiness** [463]. **Bus** [1172]. **Business** [741, 756, 1750, 865, 1523, 1454]. **Byzantine** [1857]. **C** [584, 2007, 1186, 1197, 628, 198, 165, 2018, 781, 581, 813]. **C.N.E.S** [141]. **CABRI** [13]. **CABRI-Graph** [13]. **Cache** [171, 407, 595].

cal [173]. **Calculations** [1088, 419]. **Calculi** [1217, 805, 1272, 1277]. **Calculus** [1930, 690, 806, 545, 2030, 801, 840, 173, 1642, 2029, 1662, 849, 1918, 2047, 1360, 700, 807, 1271, 1469, 1906, 1281, 1285, 861]. **Calibration** [235, 903, 999]. **Call** [1805, 1197, 465, 657]. **Calls** [2007, 1182, 1438]. **CAM** [869]. **CAM-BRAIN** [869]. **CAME** [1513]. **camera** [978, 984, 985]. **Can** [1997, 1847, 376, 468, 1334]. **Cannot** [1220]. **canonical** [1464]. **cap** [1980, 514]. **Capital** [2058]. **Capturing** [670, 1517]. **CARABAS** [1116]. **Card** [85]. **cardiac** [987]. **Cards** [83, 84, 1261]. **Care** [1738, 60]. **Carlo** [1103, 435, 241]. **Carried** [467]. **cartilage** [998]. **Cartographic** [325]. **cas** [1696]. **Cascade** [351]. **Cascade-2** [351]. **Case** [2065, 1130, 2001, 1710, 625, 1384, 860, 531, 1824, 1394, 1103, 619, 1751, 1066, 1513, 721]. **Case-Based** [1710, 1751]. **Case-study** [1394]. **Cases** [1612, 1624, 1777]. **CASS** [88]. **Cast** [124, 123, 126, 127, 111, 107, 98]. **catalogue** [990]. **Categorical** [610, 637]. **Categories** [802, 1315, 359]. **categorization** [372]. **Category** [1313, 1315]. **Category-Theoretical** [1313]. **Causal** [1648, 804, 1928, 923]. **Causality** [605]. **Causally** [1213]. **Causally-Coherent** [1213]. **Causation** [126]. **cc** [1028]. **CCE** [849]. **CCSDS** [157]. **CDNF** [1839]. **CE** [1707]. **Cell** [119, 1346]. **Cellular** [388, 869, 1141, 530, 1345, 868, 425]. **Cellworks** [1346]. **Census** [267]. **Center** [141]. **Centered** [1742]. **Centralized** [465]. **Centuries** [1692]. **Century** [1427]. **CERN** [1105]. **Certain** [1620]. **CFD** [1086, 1087, 1088, 1074, 1120, 1085]. **Chain** [695, 1338]. **Chain-Code** [1338]. **Chained** [413]. **Chains** [799, 1611, 1122, 1860]. **Challenge** [1121]. **CHAM** [862]. **Change** [1647, 1501]. **Changes** [58]. **Changing** [1538, 1189, 1669, 1504]. **Chaos** [885]. **Characterisation** [1791]. **Characteristic** [561]. **Characterization** [1439, 544]. **Characterizations** [2027]. **Characterizing** [543, 2031, 251]. **Characters** [555]. **Chart** [282, 1550]. **Chart-Based** [282]. **Charts** [686]. **chattering** [1030]. **Cheating** [1251]. **Check** [1825, 139]. **Check-Out** [139]. **checkerboards** [1269]. **Checking** [690, 643, 513, 697, 767, 654, 775, 778, 211, 1479, 1070]. **Checks** [344]. **Chemical** [832, 1123, 696, 1300, 1103, 1045]. **Chemistry** [411, 1098]. **chi** [568]. **Children** [1534]. **Chimera** [719]. **CHIP** [203]. **Choice** [292]. **Choices** [63]. **Choosing** [269]. **CICS** [622]. **Cid** [1208]. **CIN** [1683]. **Cipher** [73, 340, 342]. **Ciphers** [341, 346, 347, 344]. **Circle** [2043]. **Circuit** [1833, 546, 531]. **Circuits** [1133, 698, 866, 1844, 1284]. **Circular** [2043]. **Circular-Arc** [2043]. **Circulation** [1097]. **Circumscription** [1639, 1566]. **Circumvent** [2011]. **circumventing** [377]. **CL** [484]. **Clan** [48]. **Clan-Based** [48]. **Class** [2069, 2037, 1902, 911, 1882, 582, 1199, 1213, 1888, 585, 1438, 906, 1044]. **Class-Based** [1213]. **Classes** [534, 1630, 2015]. **classical** [550, 1283, 1286, 616]. **Classification** [592, 137, 262, 921, 363, 367, 1460, 994]. **Classifications** [1565]. **Classifier** [391, 717, 453]. **Classifiers** [1849]. **Classroom** [506]. **Clause** [598]. **Clauses** [572]. **CLAX** [46]. **Cliches** [1322]. **Client** [1813, 165, 743]. **Client-Based** [743]. **Client-Server** [1813, 165]. **Clique** [244]. **Clock** [76]. **Clock-Controlled** [76]. **clocked** [1026]. **clocks** [1061]. **Cloning** [201]. **Closed** [1334, 1358, 1500]. **closed-world** [1500]. **Closure** [1978, 174, 1499, 937]. **CLP** [568]. **Cluster** [241]. **Clustering** [2016, 1398, 1511, 371]. **Clusters** [1125]. **Clutters** [1617]. **CM** [386]. **CM-5** [386]. **Co** [1427, 1700, 1049]. **Co-operative** [1427, 1700]. **co-simulation** [1049]. **Coached** [1695]. **Coalition**

[328, 1767]. **Coalition-Formation** [1767]. **Coarse** [874, 1210]. **Coarse-Grained** [874]. **Code** [1077, 1826, 1338, 405, 1087, 628, 744, 1096, 1078, 165, 1094, 1074, 1081, 819, 186, 2020]. **Coded** [139]. **Codes** [384, 1170, 2025, 2055, 344, 1084]. **Coding** [214, 921]. **Coevolution** [885]. **Coevolutionary** [1483]. **Cofree** [2010]. **cognitifs** [1703]. **Cognition** [304, 1723]. **Cognitive** [1534]. **COGNITUS** [1117]. **Cohabitate** [1218]. **Coherence** [171, 269]. **Coherency** [1178]. **Coherent** [275, 1213, 929]. **Collaboration** [1708, 1227, 1424]. **Collaborative** [294, 844, 1710, 1730, 1425, 1761]. **Collages** [1338]. **Collapsing** [1351]. **Collected** [1692]. **Collecting** [547]. **Collections** [585]. **Collective** [2070, 1170, 2021]. **Collusion** [87]. **Color** [966, 236]. **Colored** [1869, 1873, 1878, 1886]. **Coloring** [1622, 1606, 1206, 1965, 1980]. **Colour** [965]. **Coloured** [1417]. **Colourful** [1597]. **Comb** [1631]. **combinational** [1284]. **Combinations** [1123]. **Combinatorial** [4, 672, 542, 1828, 1377, 677]. **Combinatory** [1351]. **Combined** [1306]. **Combining** [1273, 1897, 221, 628, 991, 1715, 157, 1668, 1722, 635, 1007]. **COMENIUS** [506]. **Commands** [1651]. **Commerce** [55, 1775, 59]. **Commercial** [64, 1078, 61]. **Commit** [757]. **Commitments** [314, 288]. **Common** [1979, 119]. **CommonKADS** [1412]. **commonsense** [1451]. **Communicating** [1578, 638]. **Communication** [557, 559, 2070, 1170, 1229, 558, 1173, 182, 1160, 1981, 1835, 2081, 499, 1795, 309, 556, 450, 1963, 180, 434, 1187]. **Communications** [1873, 1426, 656, 663]. **Community** [1590]. **Commutativity** [1854, 684]. **Compact** [549, 829]. **Companion** [1761]. **Comparability** [521]. **Comparative** [1634, 897, 630, 373, 1490]. **Comparing** [1101]. **Comparison** [1102, 9, 343, 1456, 1290, 485, 1124, 470, 1081, 1395, 809, 1079, 433, 1281, 350]. **Comparisons** [14]. **Compatible** [544]. **Competitive** [554, 451]. **Compilation** [821, 2001, 173, 868]. **Compiler** [1898, 197, 830, 386, 138, 812, 183, 1183, 1951, 846, 773, 194, 172, 820, 46, 818]. **Compilers** [765, 830, 1176, 177, 180]. **Compiling** [761, 179, 777]. **Complementary** [1606]. **Complementation** [2048]. **Complete** [765, 1352, 2033, 123, 576, 1471, 1494]. **Completeness** [782, 616, 650, 1473, 1859]. **Completion** [1758, 1624, 576, 1619]. **Complex** [114, 1543, 1130, 1549, 100, 103, 1667, 90, 116, 934, 1487]. **Complex-Evolutive** [103]. **Complexity** [566, 557, 1995, 10, 1962, 513, 534, 558, 1981, 1835, 543, 1847, 606, 1854, 531, 509, 556, 2077, 2061, 960, 1853]. **Component** [630, 285, 1786, 590, 1489]. **Components** [1436]. **Composite** [719, 1455]. **Composition** [1865, 2005, 1869, 1328, 1875, 491]. **Compositional** [1027, 839, 693, 768, 774, 535]. **Compositionality** [1867]. **Compound** [1653, 43, 51]. **Compound-Reaction** [1653]. **Comprehensive** [1765]. **Compressed** [1365]. **Compressibility** [508]. **Compressible** [1152]. **Compression** [2065]. **Computability** [1163, 1390]. **Computable** [316]. **Computation** [1161, 390, 823, 459, 1114, 79, 792, 1820, 2024, 431, 585, 1844, 916, 1467]. **Computational** [1845, 1130, 1728, 411, 606, 1938, 1009, 1166, 1154, 1853, 1001]. **Computations** [786, 1329, 1099, 1150, 2054, 438]. **Compute** [1324]. **Computer** [1228, 218, 1698, 1381, 1724, 214, 755, 113, 1125, 1514, 1151, 122, 915]. **Computer-Based** [1724]. **Computerizing**

[1718]. **Computers** [1113, 215, 1153, 388, 392, 1323, 1121, 1085, 1218, 677].

Computing [1128, 1105, 1086, 529, 1586, 507, 1089, 584, 1141, 199, 127, 937, 1023, 401, 523, 417, 1972, 1367, 797, 1140, 1625, 1716, 1208, 344, 99, 108, 1857, 1190, 120, 888, 1188, 1063].

Computon [324]. **Concatenation** [1335].

Concentrated [401]. **concentration** [1045].

Concentric [1107]. **Concept** [533, 126, 1320, 1405, 466, 881, 1434, 1696, 1465, 353].

conception [1712]. **Concepts** [117, 1455].

Conceptual [1396, 1400, 1527, 1427, 2017, 49, 1695, 1456, 1511, 1487].

Conclusions [603, 1394]. **Concrete** [802]. **Concurrency** [454, 705, 1907, 414, 1198, 2011, 195, 121, 156].

Concurrent [1865, 835, 1784, 1212, 846, 564, 1529, 847, 793, 710, 156, 791, 1203, 655, 1682, 2079, 770].

Condition [696]. **Condition/Event** [696].

Conditional [2034, 668, 1650, 933].

Conditions [185, 144, 695, 684]. **CondLP** [1688]. **Conducting** [1124]. **Cone** [1609].

Cone-LP's [1609]. **Conferencing** [495, 1425]. **Confidence** [524].

Confidentiality [1946]. **Configurable** [1513]. **Configurations** [27]. **Configuring** [1412]. **Conflict** [294, 901, 1777].

Conflicting [1667]. **Confluence** [800, 1337].

confluent [1276]. **Conformance** [1789].

Conformationally [1382]. **Confusion** [588]. **Congestion** [479, 485]. **Congress** [1579]. **Congruence** [1896]. **Congruences** [803]. **Conjecture** [556]. **Conjugate** [402, 1162, 196]. **Conjugate-Gradients** [1162]. **Connected** [1172, 29]. **Connection** [662, 658, 461, 198, 570, 1893, 1281].

Connection-Oriented [461].

connectionist [355, 354]. **connectionist/symbolic** [355]. **Connectionless** [476].

Connections [463, 1274]. **Connectivity** [1439, 1838]. **Connectors** [1438].

Consensus [2074, 1380, 525].

Consequences [533, 1807, 872].

Consideration [1422]. **Considerations** [1933, 290, 1457]. **Consistency** [634, 1643, 310, 1479].

consistency-checking [1479]. **Consistent** [1971, 1885, 632]. **Constable** [1902].

constancy [965]. **Constant** [813].

Constrained [1614, 1097, 1964, 1967, 1674, 834].

Constraint [204, 1543, 597, 205, 206, 1544, 207, 1226, 1945, 35, 1859, 1968, 833, 1585, 711, 981, 712, 211, 236, 1287, 1458].

Constraint-Based [207, 35, 1585].

Constraint-Directed [1543].

Constraint-Oriented [712]. **Constraints** [2033, 1855, 1944, 1923, 1569, 208, 1615, 209, 596, 1542, 561, 751, 276, 1664, 750, 1292, 780, 972, 1469, 1472, 1006, 1007, 1072, 978].

Constructed [1334]. **Constructing** [1841, 1381, 1927, 1444, 238]. **Construction** [1397, 695, 1258, 2068, 714, 709, 91, 773, 818, 1362, 373]. **Constructions** [2057, 2010].

Constructive [1562, 611, 1459].

Constructs [1225, 1198]. **Consulting** [1733]. **Contact** [31]. **containing** [1061].

Containment [1354]. **Content** [1724, 1541, 1475]. **Content-Balanced** [1724]. **Content-Based** [1541]. **Contention** [500]. **Contest** [1310, 23]. **Context** [2037, 14, 1530, 2032, 310, 2039].

Context-Driven [1530]. **Context-Free** [2037, 2039]. **Context-Sensitive** [2032].

Contexts [1684]. **Contextual** [1871].

Continuations [1199]. **Continued** [1599].

Continuous [1614]. **Contour** [933, 973, 937, 993, 908]. **contours** [936, 911, 1012]. **Contract** [318, 321].

Contraction [190]. **Contractum** [1312].

contraintes [1727]. **Control** [158, 1929, 314, 1228, 1815, 757, 231, 502, 118, 479, 130, 485, 696, 1556, 141, 666, 568, 202, 465, 1563, 503, 883, 667, 1891, 484, 635, 492, 1464, 1067, 1038, 969, 1035, 1036, 1047, 1052, 1481, 1045, 1069, 1068, 1061].

Controlled [1868]. **Controllers** [1870].

Controlled [1029, 76, 811]. **Controllers** [108, 1043, 1062]. **Controlling** [1521, 595, 1051]. **Controls** [67, 1030]. **Controversial** [1809, 1762]. **Convergence** [806]. **Conversion** [1293, 1304]. **Convertible** [1265]. **Converting** [1812, 1814]. **Convex** [1603]. **Convexity** [1616]. **Convolution** [386]. **Convolutions** [1167]. **cooperatifs** [1712]. **Cooperating** [306, 329, 1888]. **Cooperation** [320, 1779, 886, 1770, 887, 2081, 1712]. **Cooperative** [1709, 859, 20, 326, 1452, 275, 1221, 1559, 1474, 1714]. **cooperatives** [1714]. **Coordinated** [850, 847]. **Coordinating** [839, 854, 855]. **Coordination** [835, 832, 836, 837, 1225, 856, 838, 858, 841, 319, 844, 843, 845, 848, 863, 849, 1768, 852, 453, 834]. **Coprocessor** [162]. **Copyright** [668]. **Corner** [1290]. **corpora** [377]. **Corpus** [1552, 361, 373]. **Corpus-Based** [1552, 373]. **Correct** [644, 652, 722]. **Correcting** [344]. **Correction** [467]. **Correctness** [846, 1661, 1356, 613]. **CORRELATE** [1101]. **Correlation** [343, 77, 344]. **correlations** [1259]. **Correspondence** [510]. **correspondences** [936]. **COSPAN** [1041]. **Cost** [1949, 567, 450, 1982, 711, 1603, 1757]. **Cost-Sensitive** [1982]. **Counterfactual** [1547]. **Counting** [1833, 1828]. **Coupling** [626, 1811, 1321]. **Course** [1732, 1748]. **Covariant** [2001]. **Cover** [1855, 1606]. **Covergence** [1852]. **Covering** [897, 1602, 1892]. **Coverings** [1895]. **Crafting** [830]. **Craftsmanship** [818]. **CRAY** [382, 1162]. **CRAY-T3D** [1162]. **crease** [924]. **Creating** [1430]. **Creation** [712]. **Creative** [1432]. **Crisis** [132]. **Criteria** [2076, 1493, 1501]. **criterion** [963]. **Critical** [1793, 800, 620, 133, 1794, 1782, 1358, 635]. **Cross** [137]. **Cross-Classification** [137]. **Crossing** [1909, 34, 47]. **Crowd** [257]. **Cryptanalysis** [336, 76, 1253, 80, 347]. **Crypto** [67, 66]. **Cryptographic** [1257, 86, 125]. **Cryptography** [2057, 62, 537, 83, 85]. **Cryptosystem** [1252, 75, 69, 330, 1238]. **Cryptosystems** [1863]. **Crystal** [1383]. **Crystalline** [383]. **CS** [1191]. **CS-2** [1191]. **CS2** [1114]. **CSC** [1708, 1713]. **CSCW** [660]. **cTc** [709]. **cTLA** [709]. **cTLA-Specifications** [709]. **Cube** [434]. **Cubes** [518]. **Cubic** [1959]. **Cubicscope** [232]. **Cultural** [1429]. **curriculum** [1736]. **curvature** [925, 951]. **Curve** [1863, 920, 936, 926]. **curved** [995]. **Curves** [31, 1290, 1959, 1238, 920, 1023, 924]. **curvilinear** [957]. **Customizable** [3]. **Customized** [52]. **Cut** [1607, 614]. **Cuts** [1607]. **Cutting** [1610]. **Cycle** [154]. **Cyclic** [511, 1274]. **D** [1016, 428, 559, 255, 559, 931, 1022, 11, 388, 1104, 944, 17, 962, 20, 1023, 24, 904, 416, 227, 251, 895, 40, 252, 905, 250, 51, 1308]. **D-ABDUCTOR** [51]. **d-D** [559]. **DA-Soc** [1223]. **Dags** [30]. **Danish** [398]. **dans** [1707, 1736, 1714]. **d'apprentissage** [1712]. **DART** [1887]. **Dashed** [1296, 1310, 1309]. **Dashed-Line** [1309]. **DASME** [107]. **Data** [731, 2065, 1194, 192, 1958, 128, 1163, 738, 6, 166, 1586, 1102, 1589, 171, 189, 629, 173, 1160, 1951, 2006, 1092, 725, 209, 1532, 754, 137, 130, 269, 1541, 57, 1565, 717, 753, 1210, 1522, 427, 191, 188, 1454, 181, 1213, 503, 1404, 2066, 49, 178, 54, 1955, 1063, 931, 1459, 1488, 1509, 1016, 1492, 1460, 1491, 1462]. **Data-Driven** [269, 1459]. **Data-Flow** [171, 1210]. **data-intensive** [1063]. **Data-Parallel** [1102, 427, 188, 178]. **Database** [731, 720, 747, 206, 1949, 744, 1953, 1528, 1945, 750, 2017, 1956, 211, 1196, 1091, 1093, 1485, 1488, 1475, 1496, 960]. **Databases** [1090, 1952, 205, 737, 1589, 1538, 2016, 735, 1574, 1406, 1944, 1092, 1948, 2018, 1521, 755, 596, 1664, 1588, 729, 730, 736,

1524, 734, 733, 1509, 1454, 1461, 1497, 1512].
Dataflow [2050, 782]. **Datagram** [484].
Datalog [569, 1494, 541]. **Datasets** [1168].
Dates [1618]. **DBMS** [1942, 740]. **DBMSs**
[721]. **DBS3** [748]. **DCI** [1459]. **deadline**
[1472]. **Deadlocks** [1790]. **Dealing** [759].
deblurring [1013]. **Debug** [653]. **Debugger**
[831]. **Debugging** [1201, 1180]. **Decade**
[1818]. **Decidability** [456, 1337, 1918].
Decidable [2037, 2038, 1889]. **Deciding**
[1055, 2062]. **Decimation** [71]. **Decision**
[546, 1901, 530, 326, 273, 1912, 1925, 1570,
1940, 1575, 1686, 289, 1148, 1093, 1490, 1512].
Decision-Making [273].
Decision-Theoretic [326]. **Decisions**
[1660, 1667]. **Declarative**
[769, 610, 854, 614, 1508]. **Declustering**
[755, 753]. **Decoding** [1255]. **Decompiled**
[814]. **Decomposing** [430]. **Decomposition**
[1073, 1146, 1159, 413, 1329, 521, 926, 1394,
48, 1840, 1145, 1156]. **Decompositions**
[1343]. **Decorated** [2027]. **Decoupling**
[962]. **Dedicated** [1730]. **Deduction**
[1897, 633, 561, 1959, 1920]. **Deductive**
[701, 575, 571, 1502, 1496]. **Deep** [1680].
Default [1634, 1683, 603, 1672, 1674, 1679,
1277, 1470, 1492]. **Defaults** [1677].
Defeasible [1670]. **Defense** [442].
Definability [1907, 1916]. **Defined**
[1630, 1334, 1484]. **Defining** [1666].
Definition
[1186, 662, 1343, 1876, 209, 1885, 1765].
Definitional [615]. **Definitions**
[1908, 1561]. **Deflection** [1824].
Deforestation [780]. **Deformable**
[243, 931, 1011, 908]. **deformations** [953].
DEGAS [1517]. **Degree** [1605, 26, 1325].
Delays [559]. **Delegating** [830].
Deliberative [118]. **Delivering** [1750].
delta [1980]. **deltaP2** [514]. **Demand**
[175, 470, 503, 1580, 493]. **Demand-Driven**
[175]. **Demand-Priority** [470].
Demoralization [1680]. **Denotational**
[1913, 773, 804]. **Dense**
[1973, 1000, 2028, 940]. **Density**
[1855, 257, 933]. **Deontic** [1472].
Department [442]. **Dependable** [134].
Dependence [1773, 187]. **Dependencies**
[810]. **Dependency** [799, 1477].
Dependent [1621, 2066]. **Deployment**
[1818]. **Depth** [1844, 940]. **Depth-Efficient**
[1844]. **Derandomization** [1961].
Derandomize [2052]. **Derivation** [564].
Derivations [1315]. **Derived** [731, 251].
Deriving [1542]. **Describe** [1447].
Describing [103]. **Description**
[1163, 94, 1065, 362, 2080, 1455]. **Deserve**
[1438]. **Design**
[649, 483, 720, 1539, 651, 160, 593, 1089, 392,
1600, 119, 1139, 1034, 1723, 1873, 494, 1744,
1446, 1528, 224, 1711, 499, 542, 105, 1760,
582, 1742, 1964, 1693, 1537, 1780, 305, 1701,
750, 1181, 1118, 108, 1444, 156, 116, 342, 1702,
2017, 1304, 1443, 460, 1891, 1196, 635, 1449,
1751, 1485, 1498, 1043, 1025, 1045, 1061, 928].
Design-Centered [1742]. **Design-Level**
[1446]. **Design/CPN** [1873]. **Designated**
[1246]. **Designing** [320, 1419, 1873, 1729,
587, 2015, 1849, 669, 848, 1886, 1774].
Designs [1785, 1447, 311, 581]. **Desire**
[289]. **Desktop** [1424]. **Desktop-Based**
[1424]. **Despeckling** [1095]. **Detail** [14].
Detected [243]. **Detecting** [1290, 949].
Detection [1296, 1090, 1307, 1790, 1291,
294, 1310, 767, 683, 1201, 227, 243, 1309,
895, 698, 247, 969, 977, 970, 926]. **detectors**
[1003]. **Determined** [790]. **determiners**
[352]. **Determinism** [804]. **Deterministic**
[1995, 502, 798, 2072, 774, 667, 1837].
Deutsch [127]. **d'évaluation** [1717, 1725].
Developing
[158, 1813, 134, 229, 1771, 1556, 1520, 1746].
Development
[701, 2004, 386, 1137, 1411, 705, 1535, 1420,
739, 850, 1749, 1788, 410, 868, 1711, 876,
1532, 1945, 826, 644, 1445, 570, 1787, 140, 632,
1694, 154, 203, 619, 1818, 1358, 650, 1498].
Developments [620]. **d'évenement** [1696].

Device [85, 1891]. **Devices** [1744, 1164].
Devil [1762]. **DEVS** [118, 112].
DEVS-Based [118]. **DFA** [713]. **diabetic**
 [988]. **diagnosis** [1491]. **Diagnostic**
 [1577, 1396, 1729, 1070]. **Diagonal** [415].
Diagram [1297, 20, 1653].
Diagram-Recognition [1297].
Diagrammatic [1402]. **Diagrams**
 [546, 1447, 36, 1300, 2017]. **Dialect** [584].
Dialectical [1644, 1658, 1660]. **dialog** [363].
Dialogue
 [1651, 1549, 1713, 1761, 1673, 1718].
Dialogues [1728, 276]. **Diatom** [419].
Dictionaries [2059]. **Dictionary**
 [1385, 1368]. **did** [618]. **Dienst** [1596].
Difference [1078, 1080, 1151]. **Different**
 [160, 322, 2035, 1359, 356]. **Differential**
 [385, 101, 347, 924, 1053, 971, 957, 1491].
Differentials [331]. **Difficult** [1809].
Difficulties [1937, 1442]. **Difficulty**
 [1849, 1254]. **Diffie** [1262]. **diffusions** [1029].
Digital [1579, 536, 1586, 1593, 1133, 1594,
 1592, 1290, 213, 1583, 1587, 1582, 1267].
Digraphs [43]. **Dimension** [1599].
Dimensional [2, 1416, 1387, 1988, 386, 398,
 208, 900, 1386, 125, 791, 919, 910].
Dimensioning [1305]. **Dimensions** [22].
Dining [1799]. **Diophantine** [788]. **Diploid**
 [884]. **Dipole** [1108]. **Direct**
 [1153, 999, 222, 971, 433]. **Directed** [1543, 9,
 318, 1389, 1741, 1823, 33, 201, 48, 1019].
direction [923]. **Directions** [974, 1467].
Directive [1393]. **DIS** [147].
Disagreements [1680]. **Disambiguation**
 [2008, 184, 358]. **DISCO** [206].
disconnection [1276]. **Discontinuities**
 [219, 940]. **Discourse** [274]. **Discoveries**
 [1367]. **Discovering** [1377, 1497].
Discovery
 [1589, 1406, 1948, 1592, 729, 1509, 1454, 1512].
Discreet [1245]. **Discrete** [89, 1931, 77,
 1108, 696, 96, 109, 1051, 679, 93, 1059].
Discretization [1948]. **Discrimination**
 [260]. **Disjoint** [1829]. **Disjunctive** [768].
Disks [10]. **disparities** [939]. **Dispatch**
 [829]. **Dispersion** [1966, 394].
displacements [982]. **Dissemination**
 [1955]. **Dissemination-Based** [1955].
Distance [2049, 1856]. **Distributed**
 [1779, 2063, 387, 1104, 392, 150, 1593, 699,
 659, 1202, 1147, 658, 1215, 1195, 1173, 831,
 2015, 151, 1401, 1226, 444, 1783, 411, 1231,
 1711, 505, 489, 1532, 1945, 1878, 416, 179,
 1980, 176, 149, 1795, 417, 644, 2014, 1445,
 329, 666, 246, 1135, 742, 1140, 1165, 1798,
 833, 1533, 147, 324, 486, 191, 743, 1279,
 1181, 1982, 1213, 585, 1857, 854, 1818, 1417,
 460, 1331, 433, 855, 663, 436, 1559, 1765,
 1188, 1145, 1777]. **Distributed-Memory**
 [387, 179, 176, 191, 433]. **Distributing** [645].
Distribution [192, 442, 1223, 1168, 253, 190,
 1261, 1848, 967]. **Distribution-Based** [253].
distributions [1488]. **Division** [482].
DLAB [1508]. **DMEROON** [1213]. **DMM**
 [2071]. **DNA** [1122]. **Do** [1220]. **Docking**
 [1382]. **Document**
 [266, 1289, 1415, 1585, 353].
Documentation [286]. **Documents**
 [1591, 739, 1398, 733, 1416]. **Does**
 [1810, 891]. **Doing** [741, 1760]. **Dollars** [67].
Domain
 [1929, 1073, 1413, 1639, 1078, 413, 276, 1747,
 115, 451, 1764, 1722, 1080, 1151, 1145, 368].
Domain-Specific [1747, 1722, 368].
Domains [1543, 1397, 1729, 1762, 1510].
DOOD [723]. **Double** [1377]. **Doubling**
 [1260]. **Dovetailing** [808]. **Down**
 [1308, 650]. **DQDB** [484].
DQDB-ATM-DQDB [484]. **Draft** [1186].
Drago [1798]. **Draw** [38]. **Drawing**
 [4, 7, 9, 12, 17, 22, 23, 26, 27, 33, 42, 43, 44,
 48, 1340]. **Drawings** [5, 1989, 1307, 28,
 1298, 1830, 1292, 1831, 1306]. **Driven** [762,
 175, 1530, 1698, 282, 269, 1395, 1459, 375].
Driver [647, 1010]. **DSS** [1264]. **Dual**
 [1608, 1138, 121]. **Duality** [983]. **d'un**
 [1712, 1717]. **d'une** [1717]. **duplication**
 [1272]. **Duration** [704]. **Durations** [770].

During [750, 1695, 954]. **Dutch** [285].
DynaDAG [41]. **Dynamic**
 [1979, 2016, 1232, 739, 831, 413, 1978, 472,
 753, 222, 191, 2046, 1816, 1947, 2073, 375,
 676, 1044, 929, 1071]. **Dynamical**
 [1929, 125, 1038, 1056, 1069, 1033].
Dynamically [1504, 829]. **Dynamics** [551,
 1102, 388, 1104, 1100, 412, 417, 422, 1094,
 427, 1125, 1084, 1517, 1154, 437, 1009, 934].
E-Unification [1904]. **each** [1462]. **Earley**
 [827]. **Early** [683]. **Ears** [1954]. **Easy**
 [1612, 2048, 880, 116]. **EaSy-Sim** [116]. **EC**
 [1186]. **ECEPP** [1121]. **ECEPP-Based**
 [1121]. **ECLIPS** [157]. **Ecological** [561].
economics [1459]. **Edge**
 [1332, 885, 243, 969, 970]. **Edges**
 [1, 1976, 1857, 977]. **EDI** [57, 56]. **Editing**
 [39, 1388]. **Editors** [36]. **Education**
 [1739, 1720, 1710, 1431]. **Educational**
 [1429, 1430, 1590]. **Effect** [6, 407]. **Effective**
 [2030, 2016, 1784, 825, 1760, 1705, 1915,
 2036, 805, 1757]. **Effectively** [298].
Effectiveness [591]. **Effectors** [1930].
Effects [322, 815, 243, 1199, 1079].
Efficiency [1102, 1392, 184, 1393, 979].
Efficient [2074, 2070, 1170, 690, 1243, 601,
 688, 1195, 1364, 1255, 1994, 1365, 408, 1384,
 579, 1198, 1206, 179, 1863, 824, 1811, 472,
 776, 1991, 2024, 1561, 585, 1837, 190, 1831,
 728, 1567, 1844, 1388, 926, 960]. **Efficiently**
 [731]. **EFSMs** [703]. **Eigen** [932].
Eigenfaces [906]. **Eigenvalues** [1848].
Elastic [436]. **Elastically** [1011]. **Elections**
 [1240]. **Electrically** [1124]. **Electro** [1126].
Electro-Magnetic [1126].
Electromagnetic [382, 1078]. **Electronic**
 [55, 869, 57, 1775, 1583, 59, 1595].
Electrostatic [1109]. **Element**
 [1127, 1083, 1840, 1150]. **Elements**
 [1123, 949]. **ElGamal** [1235, 80].
Elicitation [1409, 1402]. **Eliminating**
 [2007]. **Elimination** [1017]. **ELINOR**
 [1595]. **Elliptic** [1863, 1238]. **ELM** [1719].
ELM-ART [1719]. **elsewhere** [1280].
Embed [8]. **Embedded**
 [653, 598, 370, 1158, 642, 1802, 864, 291].
Embedding [29, 520, 1415, 1837].
Embryonics [874, 873]. **Emergence** [1691].
Emerging [1188]. **Emotions** [314].
Emphasis [782]. **empirical** [1493].
Enabling [143]. **eNCE** [1336, 1325].
Enclosed [544]. **Encoded** [1291].
Encoding [281, 764, 1994]. **Encounters**
 [1227]. **Encryption** [333, 74, 65, 1239]. **End**
 [666, 1393, 464, 484, 1046]. **End-to-End**
 [666, 464, 484]. **Endomorphic** [118].
Energy [1105, 1106, 930]. **Enforcement**
 [62]. **Engagement** [1770]. **Engineering**
 [152, 1307, 1733, 869, 403, 1414, 1529, 860,
 1881, 1519, 1140, 626, 1298, 1732, 113, 1514,
 1764, 1306, 818, 1510, 1452, 1764]. **English**
 [374, 352]. **Enhance** [808]. **Enhanceability**
 [1536]. **Enhanced** [80, 667, 574, 907].
Enhancements [461]. **Enhancing**
 [838, 1838, 1486, 1573]. **enseignant** [1727].
enseignement [1745]. **Entailment** [1679].
Enterprises [60]. **Entropy** [1614].
Enumeration [1915]. **Environment**
 [1737, 1738, 1219, 1708, 2004, 1779, 2063,
 856, 705, 1141, 1729, 442, 327, 1231, 1711,
 489, 1741, 488, 847, 633, 1122, 1513, 418,
 447, 1713, 1425, 1750, 1780, 109, 1118, 116,
 1514, 1169, 1763, 712, 59, 63, 53, 261].
Environmental [1923, 976]. **Environments**
 [1428, 1740, 1229, 2015, 744, 1744, 860, 721,
 1564, 1742, 797, 1224, 1165, 223, 1767, 1424,
 1436]. **ENVISAT** [145]. **ENVISAT-1** [145].
Epidemic [730]. **Epidemiological** [729].
Epiphyte [1730]. **Epipolar** [236, 237, 972].
epipole [978]. **Epistemological** [1716].
EpiTalk [1730]. **Equality** [604, 98].
Equation [1247, 1249, 1134, 431].
Equational [1959, 1355]. **Equations**
 [385, 788, 101, 1127, 1237, 1126, 1507, 924].
equipped [162]. **Equitable** [668].
Equivalence [802, 776, 1889].
Equivalences [2027, 803, 1917]. **Equivalent**

[1238]. **Equivocable** [1244]. **Erlang** [1193]. **Error** [698, 344, 467, 926]. **Error-Correcting** [344]. **Errors** [2034, 767, 245]. **ESAUNA** [1087]. **Escrow** [64, 69, 1254]. **ESM** [1329]. **ESSAI** [474]. **estimates** [991]. **Estimation** [221, 219, 224, 220, 99, 242, 257, 969, 977, 913, 971]. **étrangère** [1725]. **Euclidean** [250, 975, 905]. **Euler** [1155, 1152]. **Euler/Navier** [1155, 1152]. **Eulerian** [398]. **EUROPA** [1186]. **Europe** [66, 2000]. **EUROPEAN** [1131, 475]. **Evaluating** [2075, 591, 2082]. **Evaluation** [762, 162, 764, 469, 1176, 1142, 1289, 1160, 859, 1644, 1949, 1087, 1198, 660, 1309, 626, 309, 259, 822, 1748, 460, 484, 734, 1726, 562, 1034, 1503, 1458]. **Evaluator** [1570]. **Event** [1327, 96, 109, 804, 491, 1051, 93, 994]. **Events** [719, 1545]. **ever** [2000, 974]. **Evidence** [1633]. **Evidential** [1926]. **Evolution** [877, 1130, 1942, 1691, 886, 893, 876, 580, 887, 875, 323, 872, 1515]. **Evolutionary** [877, 1769, 869, 1466, 878, 899, 111, 894, 1467, 867, 1465]. **Evolutive** [103]. **Evolvable** [871, 870]. **Evolve** [891]. **Evolving** [1898, 1905, 445, 1463]. **Exact** [167, 1839, 34, 1267]. **Example** [653, 1740, 884, 959]. **Examples** [1037, 1998, 526, 525, 122, 365, 379]. **Exchange** [1616]. **Exchanges** [272]. **Executables** [831]. **Executing** [688]. **Execution** [748, 1923, 1516, 1878, 179, 104, 1135, 188, 1776]. **Executive** [133]. **Exercice** [1751]. **Exercise** [1356, 1702]. **Existence** [532, 1256]. **Existential** [2047]. **existing** [372]. **Expansion** [1554]. **Expect** [1955]. **Expected** [1874, 531, 1604]. **Experience** [1211, 2004, 1089, 1556, 1519, 1214]. **Experiences** [1086, 299, 1813, 1111, 1100, 1817, 474, 404, 642, 1131, 1083, 284, 1203]. **Experiment** [1105, 592, 1909, 157]. **Experimental** [167, 9, 481, 1281]. **Experiments** [1778, 654]. **Expert** [1556, 1747, 109, 1757, 1777, 1461]. **experts** [1456]. **Explaining** [1499]. **Explanation** [1740, 1729, 1474, 1499]. **Explanations** [1750]. **Explicit** [2008, 832, 1400, 629, 485, 582]. **Exploiting** [2016, 1406, 744]. **Exploration** [1188, 1449, 1466]. **Exploring** [1744, 311, 1433]. **explosion** [2079]. **Exponent** [1234]. **Exponential** [1834]. **Exponentiation** [1248, 79]. **Exponents** [1262]. **Export** [67]. **expressed** [967]. **Expression** [279]. **Expressions** [2034, 2050, 728]. **Expressive** [2047, 783]. **Expressiveness** [204, 1918]. **Expressivity** [545]. **Extended** [1952, 1600, 1202, 1032, 1209, 792, 616, 1022]. **Extending** [1551, 144, 14, 1808, 611, 702, 1947]. **Extensible** [720, 850]. **Extension** [600, 1734, 256, 1798]. **Extensional** [1906]. **Extensions** [726, 607, 107, 1850, 1918]. **Extracting** [1400, 351, 957, 525]. **Extraction** [1303, 791, 1294, 122, 909, 365, 978, 993, 367, 368].

Face [227, 253, 945]. **Faces** [1421, 253, 1437]. **Facets** [1627]. **Facilities** [1952]. **Facility** [1966, 1600, 1179]. **Factoring** [1249, 1238]. **Factorization** [2041, 519, 1024, 429]. **Factors** [1429, 1422]. **Factory** [705]. **Failure** [291]. **Fair** [462, 472]. **Fairly** [70]. **Fairness** [473, 2031, 471]. **FALCON** [183]. **Fallacies** [1655]. **Families** [1237]. **Family** [266, 874]. **Fast** [1376, 11, 343, 77, 1257, 2072, 1108, 1248, 79, 2028, 1986, 916, 717, 1117, 338, 45, 1840, 178, 471, 1842, 734, 339, 1007, 1291]. **Faster** [1363, 1990, 346, 827, 1963]. **Fatal** [2034]. **Fault** [1577, 522, 134, 1323, 1783, 871, 683, 523, 1798, 1210, 637, 888, 1044]. **Fault-Tolerance** [1783]. **Fault-Tolerant** [522, 871, 523, 1798, 637, 888]. **Faulty** [2071]. **Faulty-Memory** [2071]. **Fc2TOOLS** [706]. **FDDI** [470]. **FDR** [692]. **Feasibility** [1983]. **Feasible** [1107]. **Feature**

[414, 1303, 236, 1003, 921, 1012]. **Features** [1806, 863, 498, 1540, 1484]. **Feedback** [1551, 1629, 1608, 1256, 1756, 1037]. **Feistel** [342]. **FEM** [383, 1149]. **FEM-Tool** [1149]. **Few** [537]. **Fibrational** [608]. **Fibred** [1270]. **Field** [418, 1520, 874, 866, 997, 955]. **Fields** [1207, 220, 1237, 974]. **FIFO** [1869]. **Figures** [1832]. **File** [595]. **Files** [732]. **Fill** [1976, 2043]. **Fill-In** [2043]. **Filled** [1976]. **Filling** [1936]. **Filter** [1931, 345, 1010, 928]. **Filtering** [490]. **Filters** [501, 970]. **Filtration** [1366]. **Final** [630, 126, 793]. **Financial** [1957]. **Finder** [212]. **Finding** [1979, 1973, 1836, 1826, 1247, 1249, 1605, 1015, 1604, 244, 253, 1842]. **Fine** [534, 1201, 743, 590, 1465, 1707]. **Fine-Grain** [1201, 590]. **fine-grained** [1465]. **Fine-granularity** [743]. **Finger** [1365]. **Finger-Print** [1365]. **Fingerprinting** [1241]. **Finite** [516, 1899, 1390, 788, 1258, 1127, 1908, 75, 1078, 125, 1083, 2061, 1840, 1080, 1151, 1150, 1494]. **Finite-Difference** [1080]. **Finite-Element** [1840]. **Finite-State** [1390]. **Finiteness** [2062]. **fire** [1495, 387]. **First** [204, 1894, 1086, 1903, 1639, 1547, 141, 1662, 1199, 2047, 1438, 736, 679, 1455, 1511]. **First-Class** [1199, 1438]. **First-Order** [204, 1894, 1639, 1547, 1662, 736]. **Fischer** [1072]. **Fisherfaces** [906]. **Fisheye** [25]. **FISSURE** [212]. **fixation** [962]. **Fixed** [1903, 2045, 1916, 1269]. **Fixed-Point** [1916]. **Fixing** [692]. **Fixpoint** [815]. **Fixpoints** [2048]. **Fledged** [1416]. **Flexible** [844, 1698, 1231, 1382, 56]. **Flip** [548]. **Flip-Flop** [548]. **FLO** [1477]. **Flop** [548]. **Flow** [1601, 166, 1232, 171, 119, 219, 1605, 405, 1087, 771, 130, 485, 220, 1210, 1603, 1099, 1322, 976, 977, 997, 979, 925]. **Flows** [1153, 925, 431, 1531]. **Flowshop** [1624]. **Fluid** [431, 1084, 1154]. **Fluids** [394]. **Focal** [250, 905]. **Focus** [276]. **Focus-Shifting** [276]. **focused** [952]. **Focusing** [1742, 1107]. **Foiling** [1260, 87]. **Folding** [14, 604, 1383, 2077]. **fondée** [1696]. **Forbidden** [551]. **Force** [9, 33, 1286]. **Force-Directed** [9, 33]. **Forecast** [410]. **Forest** [1495]. **FORGE** [1119]. **fork** [1199]. **Form** [823, 825, 395, 1294]. **Formal** [649, 653, 1396, 738, 621, 546, 630, 697, 2075, 1773, 1792, 1441, 1648, 625, 1876, 1448, 1047, 105, 640, 1330, 1661, 421, 626, 619, 613, 1726, 1065, 1472, 2080, 1046]. **Formalising** [318, 1410, 288]. **Formalism** [849, 1508]. **Formalization** [1672]. **Formalizing** [1525, 627, 625]. **Formation** [1405, 328, 1927, 1767, 1725]. **Formatting** [277]. **Formed** [530]. **Forms** [529, 267, 1117]. **formula** [1468]. **Formulas** [1839]. **Formulations** [1600]. **Formulator** [281]. **Forrealization** [1373]. **Fortran** [1177, 1183, 399, 1812, 176]. **Forward** [485, 467]. **Foundation** [314]. **Foundations** [1921, 1637, 308, 1216]. **Foveated** [230]. **FPGA** [866]. **Fraction** [1599]. **Fragments** [690]. **Frame** [1548, 233, 980, 983]. **Frame-Rate** [233]. **Framework** [2005, 1900, 1766, 2075, 1637, 1733, 850, 1923, 756, 1792, 1638, 567, 1648, 845, 444, 1448, 1938, 696, 610, 1318, 864, 794, 464, 657, 1515, 1757, 1765, 1276, 370, 679, 1492, 1059]. **Frameworks** [560, 2035, 1917, 1442]. **FRD** [1490]. **Free** [2037, 21, 2009, 431, 1272, 2039, 2044]. **Freedom** [62]. **Frenchmen** [541]. **Frequency** [898, 480]. **Friendly** [652]. **Front** [409, 1046]. **front-end** [1046]. **Full** [806, 1588, 1803]. **Full-Text** [1588]. **Fully** [1416, 411, 1913, 1513, 698]. **Fully-Fledged** [1416]. **Function** [2007, 897, 550, 335, 1633, 1844, 339, 967]. **Functional** [762, 1952, 1307, 1553, 579, 100, 1356, 202, 611, 2003, 779, 615, 1497]. **Functional-logic** [611]. **Functionals** [1902]. **Functions** [533, 78, 1258, 629, 1257, 1835, 73, 98, 611, 540, 880, 1259]. **Fundamental** [758, 916, 983]. **Funds** [1813]. **Further** [2020]. **Fusion** [1525, 1423, 1934]. **Future**

[620]. **Fuzzy** [1866, 1588, 1941, 1471, 1481, 1496, 1482]. **Fuzzy-Timing** [1866].

G0n [1353]. **G0n-Logics** [1353]. **Gabidulin** [1252]. **gain** [1067]. **Galaxies** [1130]. **game** [1025, 1483]. **game-theoretic** [1025]. **Games** [295, 695, 1915, 700, 1853]. **Gamma** [839, 602]. **GAMMA-like** [602]. **Gap** [2018, 501]. **Garoña** [129]. **Gas** [130, 881]. **Gate** [874, 866]. **Gateway** [1873]. **Gaussian** [253]. **GD** [12]. **GD-Workbench** [12]. **Gene** [1374]. **General** [1832, 527, 1105, 1297, 1038, 193, 1139, 1639, 1568, 303, 416, 96, 1767, 94, 1722, 370, 1023]. **General-Purpose** [1105]. **Generalised** [972, 1393]. **Generalising** [2019]. **Generalization** [325, 1576, 573]. **Generalizations** [716]. **Generalize** [1435]. **Generalized** [1552, 205, 25, 1908, 510, 107, 538, 953, 125, 1620, 1603, 813, 1271]. **Generalizing** [968]. **Generated** [1338]. **Generating** [1235, 513, 283, 1759, 1336, 280, 1713, 40, 352, 52]. **Generation** [1551, 1313, 1133, 271, 268, 477, 285, 2006, 1004, 410, 273, 1549, 282, 214, 269, 1863, 286, 819, 277, 123, 186, 1862, 278, 284, 178, 691, 1278, 165]. **Generator** [1255, 279, 1550]. **Generators** [345, 2055]. **Generic** [701, 4, 466, 1699, 1746, 51, 909]. **Genericity** [512]. **Genes** [1384]. **Genetic** [896, 879, 1133, 892, 946, 882, 889, 898, 881, 900, 895, 901, 883, 902, 880, 884, 1464, 357]. **Gentzen** [2033]. **Gentzen-style** [2033]. **Genus** [1836]. **Geographic** [726]. **Geometric** [936, 1828, 895, 1292, 121, 1007, 907, 957]. **Geometrical** [1636]. **Geometry** [1739, 771, 1609, 249, 236, 237, 1021, 904, 915, 981, 983]. **geons** [908]. **Get** [62, 618]. **Gibbs** [242]. **GIS** [726]. **Given** [1836, 1822]. **Giving** [1551, 1731]. **GLASS** [659, 489]. **GLASS-Studio** [489]. **Global** [766, 989, 1969, 65, 681]. **GMRES** [1155]. **GNARL** [1801]. **GNAT** [142, 1803]. **Go** [1997, 1810, 1571]. **Goal** [318, 1019]. **Goal-Directed** [318, 1019]. **Goals** [1649, 142, 288]. **Gödel** [1894]. **GOLDRUSH** [1091]. **Good** [1849, 1143]. **Gossiping** [1981]. **GOTO** [1810]. **GOVE** [53]. **GRACE** [1317, 1319]. **GRADE** [36]. **Graded** [1665]. **Gradient** [402, 196]. **Gradients** [1162]. **Grain** [1201, 1210, 590]. **Grained** [874, 1465]. **Gram** [1159]. **Grammar** [1328, 1323, 264, 1321, 53, 362, 351]. **Grammar-Oriented** [53]. **Grammars** [1315, 1327, 1336, 1330, 1339, 1325, 1804, 1340, 360, 359]. **Grammatical** [281, 280, 350]. **Granularity** [1752, 567, 202, 743]. **Graph** [1311, 816, 1952, 1312, 3, 5, 1976, 1314, 6, 9, 1333, 11, 12, 13, 14, 1315, 1327, 1328, 17, 1323, 1324, 23, 1344, 1320, 1384, 1606, 1838, 1206, 35, 36, 264, 1348, 1330, 2045, 39, 1318, 833, 521, 1321, 42, 1339, 1316, 44, 2046, 1319, 190, 1325, 50, 51, 1331, 95, 1892, 1322, 1340, 1341, 13]. **Graph-Drawing** [23]. **Graph-Like** [36]. **Graphic** [1299, 1828, 36]. **Graphical** [587, 105, 1298, 99, 632]. **Graphically** [1657]. **Graphs** [1, 2, 1342, 559, 1313, 1989, 1352, 1841, 786, 10, 2038, 15, 2044, 814, 16, 1343, 1334, 22, 1344, 1335, 24, 1631, 26, 25, 1389, 1608, 543, 29, 520, 31, 1823, 32, 33, 174, 1980, 2043, 37, 247, 40, 1138, 1830, 2039, 1837, 48, 1848, 1340, 1456, 1046]. **Greedily** [1973]. **Grid** [559, 1987, 410, 29, 1939, 37, 1830, 1120, 1099]. **Grid-Based** [1120]. **Gröbner** [2042]. **GROMOS87** [1094]. **Ground** [141, 985]. **Grounding** [382]. **Group** [515, 1409, 1344, 1207, 656]. **Group-Based** [1207]. **Grouping** [483, 935, 936, 949]. **Groupoids** [516]. **Groups** [440, 2039]. **Groupware** [1426]. **Grows** [869]. **Grows/ Evolves** [869]. **Guarantees** [464, 1619]. **Guarding** [1861]. **Guidance** [1715, 1713, 258]. **Guide** [1715]. **Guidelines**

[1525]. **Guiding** [570].

H [1067]. **Handling**

[1527, 604, 1222, 1585, 503, 1804, 291, 1488].

Handwriting [267, 254]. **Handwritten**

[1117]. **Hard**

[160, 1612, 532, 1544, 2040, 872, 880, 1006].

hardly [974]. **Hardness** [533, 1971, 1969].

Hardware [1872, 876, 871, 1362].

Harmonic [1835]. **Harness** [1812].

Harnesses [434]. **Hash** [78, 335, 742, 339].

Hashing [552, 1373, 338, 907]. **Haskell**

[761]. **Having** [2038, 1701]. **HCS** [1788].

Head [282, 999]. **Health** [60]. **Heap** [198].

heart [986]. **Heidi** [486]. **Heidi-II** [486].

Height [517]. **HELENA** [1430]. **Helix**

[588]. **Hellman** [1262]. **Help**

[1419, 1398, 1750, 376]. **Helping** [1741].

Hessenberg [395]. **Heterogeneity** [501].

Heterogeneous [1589, 1507, 401, 137, 194].

Heuristic

[1546, 897, 128, 1602, 2075, 34, 1986, 45, 682].

Heuristics [1160, 1984, 1619]. **Hexahedral**

[544]. **HFE** [1237]. **Hidden**

[1826, 1237, 902, 1497]. **Hierarchic** [1172].

Hierarchical

[920, 1229, 1558, 1785, 1447, 1344, 1759, 1935, 1876, 1045, 1888, 45, 585, 1511, 989, 914, 371].

Hierarchically [1331]. **Hierarchies**

[1752, 578, 1542, 779]. **Hierarchy**

[1833, 547, 2029, 172]. **High**

[381, 114, 1194, 1105, 1106, 1113, 1870, 333,

1950, 726, 747, 584, 1249, 1141, 26, 411,

1875, 745, 754, 106, 1866, 1887, 195, 213,

464, 1148, 646, 1190, 120, 1306, 228, 909].

High-Bandwidth [333]. **High-Energy**

[1105]. **High-Level**

[106, 1866, 1887, 195, 213, 646].

High-Performance [1194, 1113, 120, 228].

High-Speed [464]. **High-Throughput**

[747]. **Higher**

[840, 609, 793, 1355, 1356, 852, 778, 1361, 791].

Higher-Order

[840, 1355, 1356, 852, 778, 1361]. **Highly**

[401, 1698]. **highway** [1034]. **histograms**

[955]. **History** [1090, 1549]. **Hitting** [2052].

HKM [330]. **HKM/HFX** [330]. **Hoisting**

[185]. **Homomorphisms** [1242]. **HOOD**

[161, 1785, 151, 165, 157]. **Hooking** [1416].

HOPLa [844]. **Horizontal** [1291]. **Horn**

[566, 598, 572]. **Hot** [1158]. **Hough**

[221, 926]. **house** [909]. **HPC**

[1189, 1076, 1124, 1107]. **HPCN** [1188].

HPCN3S [1088]. **HPF**

[1176, 1184, 1111, 177]. **HRNCE** [1336].

HRT [161, 1785]. **HRT-HOOD** [161, 1785].

HSIIP [1734]. **Human**

[1705, 1008, 1706, 1716, 253, 1422, 1677, 379].

human-made [379]. **Humans** [1218].

Hybercube [1115]. **Hybrid**

[1299, 665, 1030, 1035, 1028, 111, 1064, 1150,

1037, 1063, 1027, 1067, 1066, 1038, 1065,

1043, 1029, 1036, 1048, 1054, 1056, 1044,

1047, 1057, 1025, 1062, 1058, 1069, 1068,

1049, 1061, 1046, 354, 1071]. **Hybridization**

[1378]. **Hydroelectric** [641]. **hyper** [1278].

hyper-resolution [1278]. **Hypercubes**

[520]. **Hyperedge** [1334, 1338, 1337].

Hypergraph [1965, 1336]. **Hypergraphs**

[1622, 1337]. **Hyperincursion** [126].

Hypermedia [1416, 1428, 1435, 1215, 739,

1401, 1414, 1415, 1430, 1587, 1436].

hyperplanes [1484]. **hypotheses** [1050].

Hypothesis [555, 954]. **Hypothetical**

[1637, 1638, 1572].

I/O [1064]. **IBM** [403, 1192, 1121]. **ICC**

[584]. **ICL** [1091]. **Idas** [286]. **Ideal**

[313, 1652, 1617, 569]. **Ideals** [2042].

Identification [639, 82, 90, 1263]. **IDP**

[274]. **if** [1884]. **IFS** [892]. **II** [486, 2064].

illumination [965]. **illusory** [938]. **ILP**

[167]. **ILP-based** [167]. **ILP0** [1155].

ILP0-01U [1155]. **Image** [225, 266, 668,

1167, 214, 1924, 1418, 233, 264, 243, 950,

894, 240, 259, 222, 1116, 927, 433, 959, 242,

257, 903, 1013, 1022, 988, 976, 1004, 1007,

947, 1016, 949, 925, 953, 905, 934, 1024, 929].

image-based [947]. **Image-Space** [433].
imagery [909]. **Images** [1095, 391, 1291, 227, 895, 1023, 989, 912, 1018, 998].
Immediate [1909]. **Immersive** [494].
Immune [888]. **Impact** [1704, 1173, 202].
imperfect [1488, 1460]. **Impersonation** [87]. **Implement** [1796, 581].
Implementability [2031].
Implementation
 [821, 593, 1212, 1139, 394, 1197, 499, 2014, 609, 1356, 301, 1121, 1801, 1688, 1687, 647, 1116, 1214, 1118, 142, 1803, 1620].
Implementations [652]. **Implemented** [1193]. **Implementing** [1195, 329, 1802].
Implication [598, 1471, 1270].
Implications [1383, 366, 606, 464, 94].
Implicit [1908, 1152]. **Imposing** [1006].
Imprecise [1567]. **Improve** [896].
Improved [2069, 1821, 2076, 1855, 1827, 2046, 646, 1623, 1379]. **Improvement** [1788, 689]. **Improvements** [716].
Improving [185, 582, 184, 432].
Improvisation [1543]. **Impulse** [1874].
ImpUnity [845]. **IN-Rational** [517].
inclusions [1053]. **incompetence** [1493].
Incomplete [1998]. **Incompleteness** [1894].
Incompressible [1088]. **Increasing** [1786].
Incremental [281, 1275, 823, 644, 41, 1820].
Incursion [126]. **Independence** [2026].
Independent
 [1385, 552, 859, 419, 1764, 1502].
Indeterminacy [1953]. **Index** [1268, 2022].
Indexing [208, 671, 262, 734, 966, 907, 960].
Indication [485]. **Indirect** [825].
Individual [1228, 1569, 1730, 1424].
Induced [2044]. **Induced-Subgraph** [2044].
Induction [1562, 1914, 112, 572, 883, 1561, 1460, 1461, 1459, 1465]. **Induction-Based** [883]. **Inductive**
 [527, 1560, 1485, 1502, 374, 368, 373].
Industrial [1170, 1076, 1088, 1192, 1556, 1746, 1074, 1081, 620, 1084, 884, 1032].
Industry [1086, 1085]. **Inequalities**
 [1630, 1631, 1598]. **Inexpressible** [736].
Inference [527, 6, 1659, 817, 362, 350].
Inferring [1555]. **Infinite**
 [799, 1313, 695, 2038, 174, 519, 805, 1889].
Influence [760]. **Influences** [1413].
Informal [630]. **Information** [1163, 1539, 1554, 1813, 101, 1557, 1530, 1535, 1215, 490, 1195, 20, 1432, 1222, 279, 1401, 107, 1201, 1521, 328, 1520, 1164, 1541, 61, 1536, 1522, 1533, 65, 1761, 1580, 1534, 1524, 1433, 1955, 1498, 365, 1452, 963, 1476, 1486, 1474, 1504].
Information-Replay [1201]. **Informative** [942]. **Informix** [741]. **Informix/Illustra** [741]. **Infrastructure** [65]. **Infrastructures** [113]. **ingénierie** [1717]. **Inheritance** [1569, 2010, 2011, 1665, 2012]. **Initial** [1551, 144]. **Initio** [437, 412]. **Improved** [1912]. **Input** [807]. **Input-Output** [807].
Inputs [691]. **Inquiry** [1731, 1722, 1718].
Insertion [168]. **Insider** [87]. **Inspection** [124]. **Instantaneous** [1909]. **Instantiation** [1541]. **Instruction** [1698, 184].
Instruction-Level [184]. **Instructional** [280, 1693]. **Integer** [2069, 1601, 1897, 1249, 552, 775, 186, 780, 178, 1598]. **Integrated** [469, 2014, 1776]. **Integrating**
 [1872, 1923, 636, 1345, 84, 2002, 356, 624, 863, 594, 277, 1633, 650]. **Integration**
 [1147, 1134, 1949, 725, 860, 1445, 1537, 1754, 1321, 1533, 1276, 1507]. **Integrity**
 [1944, 1945, 1664, 750, 210, 1469].
Intelligence [1925, 1463]. **Intelligent**
 [1464, 299, 1719, 1411, 1193, 1642, 1720, 1729, 1697, 1715, 1164, 1746, 1706, 1750, 1580, 1590, 1756, 1700, 1436, 1717, 1475, 1504].
intensity [958]. **Intensive** [1738, 1063].
Intention [289]. **Intentions** [1772]. **Inter** [843]. **Inter-Object** [843]. **Interaction**
 [785, 322, 796, 1345, 771, 2031, 447, 324, 834, 1014]. **Interactions** [1709]. **Interactive**
 [1090, 1591, 11, 183, 893, 274, 669, 1529, 262, 1224, 147, 42, 503, 492]. **Interchange**
 [57, 1856, 58]. **Interconnected** [1059].
Interconnecting [1893]. **Interconnection**
 [1438]. **Interested** [1555]. **Interface**

[1591, 1184, 639, 1954, 399, 447, 106, 591, 147].
Interfaces [1815, 2006, 409, 1425, 854].
Interferometric [85]. **Interleaving** [1317].
Intermediate [744]. **Internal** [409, 1748].
Internet [496, 1781]. **Interoperability**
[746, 150, 862]. **Interoperable**
[1165, 1522, 1524, 1523]. **Interpolation**
[1271]. **Interpretation**
[1301, 567, 256, 1939, 1300, 1559, 988].
Interpretations [768]. **Interpreting** [1306].
Interprocedural
[1805, 171, 169, 198, 170, 172]. **Interrupted**
[272]. **Intersection** [10, 37]. **Intersensorial**
[94]. **Intra** [843]. **Intra-** [843]. **Introducing**
[1577, 840]. **Introduction**
[1409, 126, 878, 154, 676]. **Introductions**
[682]. **intuitionistic** [1273, 1284, 1286, 1287].
Intuitions [313]. **Invalidate** [1178].
Invariance [226, 710]. **Invariant**
[1383, 1061]. **invariant-based** [1061].
Invariants [251, 252, 1060, 958]. **Inverse**
[892, 1846]. **inverted** [1071]. **Investigating**
[859]. **Investigation** [1107, 435].
Investigative [1448]. **Investment** [2058].
Invited [610, 612, 614]. **Invoked** [148]. **IP**
[1237]. **IRISS** [1196]. **Irregular**
[1205, 1804, 1099, 1204]. **Isa** [1542]. **ISAAC**
[334]. **ISDN** [463, 481, 467]. **Islands** [1433].
ISO [1305]. **isolation** [929]. **Isomorphism**
[543, 247]. **Isomorphisms** [1237]. **Issues**
[1591, 1314, 1402, 392, 305, 42, 368, 1718].
Item [1294]. **Items** [1299]. **Iterated** [1647].
Iteration [1136]. **Iterations** [815].
Iterative
[382, 1749, 404, 415, 1882, 1787, 787, 698].
ITS-Engineering [1764]. **its.Application**
[406]. **ITSs** [1716]. **IWIM** [835]. **IWU**
[1893].

J [1679]. **Jacobi** [408]. **Japanese** [266].
Java [1720]. **Job** [1625]. **Job-Shop** [1625].
Join [1847]. **Joint** [1766]. **Journey** [1584].
Judicial [1660, 1667]. **Jumping** [558].
junctions [917]. **JVTOS** [660].

K3 [2044]. **K5** [2044]. **K5-free** [2044].
Kalman [1931]. **KBSE** [143]. **Kernel**
[1767]. **Kernel-Oriented** [1767]. **Key**
[1235, 64, 74, 1252, 75, 69, 1254, 692, 1238,
1239, 1261, 1262, 83]. **Keyed** [78]. **Keys**
[1851, 332]. **KGB** [3]. **Kinds** [1659]. **Kit**
[713]. **Kleene** [684]. **KLIC** [1212].
Knapsack [1610]. **Knowing** [1235].
Knowledge [1577, 1554, 1400, 1933, 1558,
1402, 1411, 1406, 1733, 1478, 1301, 1753,
1410, 1646, 1948, 1935, 1405, 1399, 1715,
1509, 1398, 1693, 1750, 276, 1665, 1768, 729,
1748, 1407, 278, 1482, 315, 353, 1681, 292,
1456, 1505, 1454, 1453, 371, 1457].
Knowledge-and [315]. **Knowledge-Based**
[1554, 1733, 1301, 1748, 1482, 1505].
Knowledge-Level [1406, 1768]. **Known**
[1249]. **KOALA** [1404]. **Korean** [355].
KQML [309]. **Kronecker** [786]. **KRONOS**
[1040].

L [316, 1347, 145]. **L-Systems** [1347].
Labeling [1302, 246, 244]. **LabFlow** [747].
LabFlow-1 [747]. **Lagrangian** [394].
Lambda [806, 1360, 807, 1906, 805].
lambda-Calculi [805]. **Lambda-Calculus**
[807, 1906]. **Lambert** [968]. **LAN** [470].
Lane [243]. **Language**
[1952, 598, 1225, 856, 857, 1784, 838, 639,
593, 1212, 602, 708, 271, 268, 199, 1943, 1951,
1723, 1516, 273, 1953, 861, 1721, 1881, 609,
793, 670, 309, 286, 1356, 594, 1395, 103, 852,
1205, 316, 711, 779, 1438, 180, 136, 783, 370,
1508, 364, 356, 350, 357, 2082, 348, 1487].
Languages
[204, 511, 516, 764, 1333, 173, 1907, 567, 846,
789, 1916, 824, 774, 611, 195, 829, 312].
langue [1725]. **LANs** [1893]. **LAPACK**
[1183, 399]. **Larch** [639]. **Larch/C** [639].
Large [1090, 483, 2004, 2037, 1589, 1836,
1815, 1127, 1819, 1092, 1948, 466, 1192, 745,
1787, 1124, 1083, 1125, 438, 960].
Large-Scale [466]. **LARNet** [482]. **Last**
[1692]. **Late** [2003, 1404]. **Late-Breaking**

[1404]. **Latency** [1422]. **Latin** [1850].
Lattice [1109, 418, 790]. **Lattices**
[1383, 178]. **LAURA** [855]. **Law**
[66, 62, 968]. **Laws** [1991]. **Lax** [1272].
Layer [661, 1505, 34]. **Layered** [1302].
Layout [6, 20, 21, 35, 36, 39, 41, 45, 50].
Layouts [40, 52]. **Lazy**
[1197, 579, 1356, 611]. **LCL** [639]. **LCS**
[1217]. **Lean** [1898]. **leanEA** [1898]. **Learn**
[446, 449]. **learnable** [960]. **learned** [367].
Learner [1708, 1741, 379].
Learner-Directed [1741]. **Learning**
[1737, 1738, 1552, 1510, 524, 1691, 1428,
1740, 1758, 1557, 1704, 1191, 1733, 1420, 526,
1839, 1723, 360, 361, 1710, 1730, 1744, 443,
444, 380, 1937, 1711, 293, 1741, 365, 1490,
1760, 1938, 1427, 1570, 1564, 1455, 1742,
1565, 1224, 448, 1298, 374, 450, 1563, 1761,
934, 451, 453, 1763, 357, 1695, 1700, 439,
348, 1726, 1436, 369, 370, 364, 356, 350, 372,
953, 376, 352, 349, 368, 354, 1500].
Learning-by-Doing [1760]. **LearnMedia**
[1700]. **learns** [358]. **Least** [1931, 1955].
Lecture [1431]. **Left** [563, 217]. **Leftist**
[1858]. **Legacy** [1812, 1519]. **Legal** [1644].
Legged [889]. **Lemma** [789]. **Lempel**
[1994]. **LENA** [1687]. **Length**
[1260, 2025, 1291, 1827, 1914, 362].
Length-Doubling [1260]. **Lengths**
[250, 905]. **Lenses** [230]. **Lessons**
[1638, 1214]. **Level** [114, 1870, 1299, 1406,
1569, 406, 117, 1446, 1875, 1838, 523, 179,
1564, 106, 1866, 1887, 184, 1288, 1768, 195,
213, 1181, 464, 646, 1306, 655, 2017].
Leveled [30]. **Leveled-Planar** [30].
Lexical [280, 278, 366]. **LH** [754]. **LHO***
[754]. **Libraries**
[1785, 1592, 1168, 582, 1394, 213, 1583, 1587].
Library [1412, 392, 1593, 182, 403, 424,
1580, 1120, 585, 1582, 1595, 680, 1579, 1594].
Life [873, 890, 154]. **Life-Cycle** [154].
Lifting [1630]. **Light** [1108, 1017].
Lightning [1079]. **Like**
[2027, 36, 539, 602, 1281]. **Likelihood**
[242, 994]. **Limited** [1938]. **Limitedness**
[2049]. **Linda** [836, 842, 1796, 853, 1797].
Line [1129, 554, 1310, 1419, 1626, 1309, 248,
1292, 1831, 1294, 1821, 1044]. **Lineage**
[1345]. **Linear** [1, 1983, 1597, 2030, 1333,
390, 601, 393, 392, 1240, 1903, 530, 560, 30,
1054, 415, 1828, 1984, 347, 430, 289, 779,
1620, 458, 906, 1014, 1281, 1253, 1058, 1059].
Linear-Time [1984, 289]. **Linearly**
[527, 1778]. **Linearly-Ordered** [527]. **Lines**
[1296, 1291]. **Link** [1541, 460, 360]. **Linking**
[1415]. **Links** [270]. **Lion** [341]. **lip** [996].
Lisp [1215]. **List** [2065, 168]. **Lists**
[1858, 427]. **Literal** [1573]. **Literature**
[1723]. **Liveness** [1868, 1869, 631]. **liver**
[921]. **LK010q** [1282]. **Load** [1821, 166,
1147, 1146, 1949, 405, 413, 1148, 1145].
Load-Store [166]. **Local** [473, 987, 690, 786,
638, 969, 1969, 922, 1859, 482, 1436, 930].
Localisation [260]. **Localization** [1941].
localizing [949]. **Locally** [1494]. **Locating**
[1299, 1003]. **Location** [1978, 776].
Locations [1941]. **Locking** [743].
Locomotion [889]. **Log** [1201, 556].
Logarithmic [2068]. **Logging** [743]. **Logic**
[762, 1634, 597, 577, 1894, 1636, 598, 1560,
737, 599, 600, 601, 1212, 602, 1343, 1903,
604, 127, 1547, 573, 567, 547, 1650, 1651,
769, 579, 1911, 606, 607, 792, 608, 571, 1662,
1959, 1355, 1575, 1572, 572, 1668, 612, 576,
778, 1674, 613, 1676, 736, 565, 615, 291,
1203, 458, 574, 1515, 539, 617, 1468, 1471,
1470, 1500, 1280, 374, 611, 1287, 1458, 373].
Logic-Based [1575, 1515]. **Logic/**
Constraint [1203]. **Logical**
[763, 306, 1900, 1766, 189, 1907, 1910, 91,
308, 2035, 1917, 794, 316, 637, 315].
Logically [1643, 1640]. **logiciel** [1696].
logicielle [1696]. **Logics**
[1894, 1635, 1066, 1646, 1353, 1912, 1671,
289, 457, 1682, 1272, 1277, 1270, 1455].
logique [1727]. **Long** [413, 1116, 891].
Long-Chained [413]. **Long-Wave** [1116].
Longest [805]. **Lookahead** [554]. **Looking**

[1307]. **Loop** [1177, 812, 177, 186, 1864]. **Loops** [187, 808]. **Lopsided** [2067]. **Lot** [1623, 753]. **Lot-Sizing** [1623]. **Lotka** [885]. **Low** [515, 333, 1299, 1234, 1997, 1605, 26, 1257, 73, 344, 213, 1306]. **Low-Bandwidth** [333]. **Low-Exponent** [1234]. **Low-Level** [213]. **Low-Weight** [1605, 344]. **Lower** [1833, 5, 2060, 1827, 1847, 1978, 549, 2059, 2026, 1619]. **Lowness** [514]. **LP** [1619]. **LP-Based** [1619]. **LPMEME** [1560]. **LP's** [1609]. **LU** [1156]. **LU-Decomposition** [1156]. **Luby** [346]. **Luby-Rackoff** [346]. **Lyndon** [519].

M [658]. **M-Connection** [658]. **MAC** [473, 1236]. **Machine** [869, 1905, 605, 1078, 1624, 1626, 1172, 57, 1550, 779, 1196, 369, 370, 678, 350, 372, 371]. **Machine-Negotiated** [57]. **Machines** [1996, 390, 179]. **Macro** [789, 436]. **Made** [1107, 87, 379]. **Magic** [211]. **Magnetic** [1126]. **Maintainability** [822]. **Maintainable** [725]. **Maintained** [1957]. **Maintaining** [731, 1962]. **Maintenance** [410]. **Make** [2048]. **Makes** [67]. **Making** [1976, 1392, 273, 1686, 1490]. **Management** [720, 1958, 747, 1813, 601, 735, 860, 1532, 745, 2014, 1164, 329, 595, 310, 1165, 1811, 1750, 1960, 49, 92, 1091, 1093, 1893, 1063, 1035, 1495]. **Managing** [685, 1531, 1497]. **Mandatory** [1748]. **Manhattan** [45]. **Manipulation** [1951, 1446]. **Manufacturing** [1231]. **Many** [1437, 1273, 1467]. **many-valued** [1273]. **Map** [1301, 1937, 1302, 1926, 1304, 940]. **Map-Building** [1926]. **Mapping** [1191, 1785, 1146, 1160, 677, 96, 426, 1138]. **Mappings** [179]. **Maps** [803, 1303, 1436]. **Maptool** [826]. **Markers** [1400]. **Market** [305]. **Market-Oriented** [305]. **Marketplace** [61]. **Markets** [66]. **Markov** [1874, 1925, 1611, 1938, 902]. **Markovian** [468]. **masks** [971]. **massive** [1450, 1462]. **Massively** [1323, 1201, 1180, 423, 585, 1151]. **Matching** [225, 1385, 1387, 1363, 1364, 1389, 2002, 245, 224, 1978, 997, 1386, 1316, 265, 1360, 1366, 236, 1341, 932, 944, 946, 953, 927]. **Material** [1232, 1582]. **Mathematical** [1921]. **Mathematics** [1728, 1756]. **MATISSE** [740]. **MATLAB** [183]. **Matrices** [1613, 1825, 983, 1512]. **Matrix** [381, 1612, 395, 416, 432, 916]. **Matroids** [1384, 1828]. **Max** [471]. **Max-Min** [471]. **MAXCUT** [542]. **Maximal** [2025, 1842]. **Maximally** [1631]. **Maximum** [1614, 1387, 1970, 2044, 1972, 1573, 242, 994]. **Maximum-Entropy** [1614]. **maximum-likelihood** [994]. **Maxwell** [1126]. **May** [1955]. **Maybe** [1701]. **MBone** [495]. **McCulloch** [127]. **McMillan** [689]. **MD** [1101]. **MD4** [336]. **Mean** [1918, 925]. **Mean-Value** [1918]. **Meaning** [2064]. **Means** [383, 101, 688, 1948, 1886, 2050, 95]. **Measure** [508, 1679]. **Measurement** [1949, 1999, 1293]. **Measurements** [248, 987]. **Measures** [995, 72, 514]. **Measuring** [1403]. **Mechanical** [1356]. **Mechanics** [1420, 578, 1084]. **Mechanism** [1163, 1942, 1532, 184]. **Mechanisms** [838, 1173, 1775, 467, 500]. **Mechanizing** [1684]. **MEDEA** [1142]. **Media** [499, 1427, 1694, 590, 663, 261]. **Median** [1380]. **Mediators** [1195]. **Medical** [1749, 1638, 624, 931]. **Medicine** [1747, 1748]. **Meeting** [1472, 213, 1424]. **Meiko** [1191, 1114]. **Membership** [513, 1839]. **Meme** [590]. **Memoing** [562]. **Memory** [522, 387, 2071, 392, 825, 1195, 407, 179, 176, 2014, 172, 191, 433, 1816, 1145, 238]. **meningoencephalitis** [1491]. **Mental** [1685, 1776]. **Mental-States** [1776]. **MENTOR** [1514]. **Merging** [1115]. **Mesh** [416, 1824, 544]. **Meshed** [460]. **Meshes** [1152, 544, 47, 1840]. **Mesoscale** [1098]. **Message** [686, 1102]. **Message-Passing** [1102]. **Messages** [1234, 56].

MESSENGERS [843]. **Meta** [588, 587, 1695]. **Meta-Helix** [588]. **Metacircularity** [588]. **Metaclasses** [582]. **Metacomputing** [1129, 1130]. **Metadata** [1594]. **MetaEdit** [1513]. **METAFrame** [713]. **Metaobject** [595]. **Metaphoric** [2020]. **metareasoning** [380]. **MetaRing** [473]. **Metasystem** [578, 1443]. **Method** [382, 167, 383, 1560, 1409, 839, 1291, 459, 126, 1817, 1646, 256, 2014, 1939, 1445, 2040, 423, 541, 1124, 1537, 1572, 1395, 1609, 431, 154, 1603, 435, 1151, 884, 437, 1276, 921]. **méthodologie** [1717]. **Methodologies** [1297, 1449]. **Methodology** [152, 1872, 1175, 1647, 1771, 317, 571, 626, 1393, 1498]. **Methods** [653, 1391, 621, 1147, 1392, 208, 117, 1448, 1290, 1140, 1796, 1394, 123, 1080, 1867, 2008, 1275, 999, 988, 976, 2079, 948, 350, 1283, 1461]. **métiers** [1745]. **Metric** [591]. **Metrics** [1617, 154]. **metrology** [1019]. **MHD** [428]. **MHEG** [659, 488]. **MHEG-Based** [659]. **Microcells** [423]. **Micron** [1108]. **Micron-Sized** [1108]. **MiCROscopic** [1113]. **Microsoft** [1956]. **Microsystems** [106]. **Migratable** [2014]. **Migration** [1815, 1082, 1097]. **Mill** [1158]. **Million** [422]. **MIMD** [1079]. **Min** [471, 925]. **min/max** [925]. **Mind** [1654]. **Mines** [1404]. **Minima** [2060]. **Minimal** [1895, 551, 1976, 1278, 1864, 910, 1285]. **Minimization** [34, 776, 940]. **Minimize** [1619]. **Minimizing** [1372, 1624]. **Minimum** [1851, 1962, 74, 1974, 1971, 1607, 2043, 38, 1986, 1984, 1982, 1967, 362]. **Mining** [1194, 1092, 717, 716, 1462, 1509, 1492, 1454, 1491]. **Minor** [1334]. **Minor-Closed** [1334]. **Minsum** [2076]. **MIS** [1519]. **missing** [1016]. **MIX** [303]. **Mixed** [892, 136]. **Mixing** [1611]. **Mixture** [253]. **ML** [781]. **ML-Style** [781]. **Mobil** [1775]. **Mobile** [2063, 1932, 1921, 1936, 875, 450, 1991, 1934]. **Mobility** [477, 496]. **Modal** [1636, 1635, 598, 690, 545, 1911, 1912, 1668, 1671, 700, 457, 1072, 1279]. **Mode** [778, 1063]. **Model** [1577, 835, 128, 1396, 738, 690, 802, 643, 724, 1408, 1901, 600, 1769, 1229, 1558, 697, 1527, 394, 1544, 398, 326, 1516, 1295, 327, 1399, 654, 209, 1532, 1913, 105, 35, 1097, 1705, 848, 1541, 1706, 1716, 247, 1098, 1393, 222, 1735, 1768, 1058, 1380, 253, 1213, 779, 121, 1767, 646, 1676, 1308, 1891, 315, 931, 1022, 1479, 1278, 988, 989, 939, 1070, 1010, 993, 1285, 1039]. **Model-Based** [1295, 222, 1479]. **Model-Checking** [690, 1070]. **modèle** [1725, 1714]. **Modeles** [468]. **Modèles** [1703]. **Modeling** [1865, 114, 205, 469, 155, 441, 1728, 699, 1709, 1648, 1056, 881, 1878, 104, 1713, 1060, 425, 1887, 1668, 115, 1755, 2012, 464, 1782, 223, 1534, 110, 1524, 1757, 1027, 1038, 910, 1456, 1504]. **modélisation** [1743, 1712, 1707]. **Modelled** [661, 1002]. **Modelling** [320, 101, 1642, 117, 1223, 862, 317, 1770, 833, 1575, 1671, 1417, 657, 1080, 491, 1128, 1012]. **Models** [1416, 720, 1708, 1525, 160, 1413, 1872, 2006, 1729, 410, 1685, 239, 1938, 696, 2036, 1522, 1927, 1444, 153, 902, 865, 298, 1523, 438, 973, 1016, 997, 1011, 908, 998, 1020, 984, 985]. **Modernization** [1813]. **modes** [967]. **Modified** [1858, 1159, 1489]. **Moding** [1203]. **Modular** [255, 1350, 1247, 1343, 1447, 1951, 889, 1248, 79, 826, 696, 773, 556, 521, 1888, 650]. **Modularity** [838]. **Modulated** [1107]. **Module** [2005, 1320, 1745, 1736]. **Modules** [1661]. **Modulo** [168, 809, 1919, 1920]. **Molecular** [1102, 388, 1104, 1100, 412, 1122, 417, 1367, 422, 1094, 427, 437]. **Molecules** [413, 1125]. **Moment** [382]. **Moments** [1124]. **MONACOT** [1714]. **Monadic** [2038, 1343, 539]. **Monet** [1950, 726]. **Monge** [1612]. **Monitoring** [389, 1158, 860, 1044, 992]. **monocular** [1023, 1008, 982]. **Monoids** [1907]. **Monotone** [1612, 815]. **Monotonic** [1659]. **monotonicity** [1036]. **Monte**

[1103, 435, 241]. **Moore** [1364]. **Morals** [1654]. **Morphisms** [2056]. **Morphogenesis** [870, 1346]. **Morphological** [1296, 922]. **MORSE** [252]. **Motifs** [525]. **Motion** [225, 1983, 1013, 221, 1932, 224, 226, 217, 222, 1233, 237, 235, 986, 987, 974, 962, 1023, 977, 991, 963, 1016, 978, 980, 1024, 964, 985]. **motions** [934]. **Motivated** [1770, 301]. **Motivation** [1706, 1775]. **Motivational** [288]. **moving** [999]. **MPC** [1209]. **MPEG** [469]. **MPI** [1185, 1110]. **MPP** [435]. **MPPs** [381, 422]. **MR** [989, 998]. **MRF** [221, 1016]. **Mu** [545, 700]. **Mu-Calculus** [545, 700]. **Multi** [2008, 304, 314, 325, 320, 1232, 1769, 441, 1766, 322, 1229, 732, 1684, 1240, 1222, 319, 1230, 1759, 208, 1405, 442, 1711, 1513, 755, 1699, 422, 310, 1224, 448, 1864, 1780, 849, 1522, 1233, 1694, 2017, 297, 439, 1545, 1559, 1002, 1055, 1270, 1505, 1483, 1024, 983, 1497]. **Multi-Agent** [304, 325, 1232, 1769, 441, 1766, 322, 1229, 1684, 1222, 319, 1230, 442, 1699, 310, 1224, 1780, 1233, 297, 439, 1559, 320, 1483]. **Multi-Agents** [314]. **Multi-authority** [1240]. **Multi-Block** [732]. **Multi-Computer** [755]. **Multi-Data** [1522]. **Multi-Dimensional** [208]. **multi-frame** [983]. **multi-image** [1024]. **multi-implication** [1270]. **multi-layer** [1505]. **Multi-level** [2017]. **Multi-loop** [1864]. **Multi-Media** [1694]. **Multi-methods** [2008]. **Multi-Million** [422]. **Multi-Object** [849]. **multi-ocular** [1002]. **Multi-Perspective** [1405]. **Multi-Point** [1545, 983]. **multi-polynomial** [1055]. **Multi-Robot** [448]. **multi-step** [1497]. **Multi-Tool** [1513]. **Multi-Turn** [1759]. **Multi-User** [1711, 1513]. **Multiagent** [443, 303, 451, 453]. **Multicast** [658, 466, 657]. **Multicommodity** [1601]. **Multicomputer** [1216, 432]. **Multicomputers** [408, 754, 176, 1115, 421, 191, 433]. **Multicriteria** [884]. **Multidimensional** [1152, 955]. **Multifaceted** [115]. **Multiflows** [1617]. **Multigrid** [1154]. **Multilevel** [1127]. **Multilingual** [285, 278, 284, 356]. **Multimedia** [1591, 662, 659, 658, 1419, 474, 740, 1426, 504, 489, 495, 1418, 670, 470, 664, 498, 656, 1425, 1429, 1431, 465, 486, 496, 1417, 487, 663, 661, 491, 1700, 500, 475]. **Multinational** [1954]. **Multiparty** [557, 558, 2031]. **Multiphysics** [1153]. **Multiple** [1985, 720, 763, 74, 1656, 831, 76, 1993, 1565, 270, 1369, 450, 853, 249, 480, 1456, 991, 1021, 912, 1506, 981]. **Multiple-Valued** [763]. **Multiple-View** [249]. **Multiplexed** [482]. **Multiplexing** [463]. **Multiplication** [381, 1248, 2059, 1844]. **Multiplications** [1613]. **Multiplicative** [1243]. **Multiply** [416, 1559]. **Multipoint** [475]. **Multiprocessor** [426]. **Multiprocessors** [1104]. **Multiresolution** [221]. **Multisearch** [1995]. **Multiset** [832, 602, 840]. **Multisets** [838]. **Multitape** [787]. **Multiversion** [1944]. **MuRaLi** [1506]. **MUSIC** [1074]. **mutation** [1464]. **Mutually** [443]. **NAG** [424]. **naked** [1015]. **Names** [1885]. **Narrowing** [762]. **Narrowing-Driven** [762]. **NASA** [627]. **NASA's** [1578]. **National** [1579]. **Natural** [1557, 271, 268, 893, 273, 256, 350, 286, 820, 1112, 370, 364, 993, 2082, 348]. **NATure** [1714]. **Nautical** [1814, 146]. **Navier** [431]. **Navigation** [1931, 1932, 1921, 627, 1923, 1938, 961]. **NC** [1842]. **Near** [2078]. **Near-Perfect** [2078]. **Nearest** [1979, 1856]. **Necessity** [1937]. **Need** [724, 1658, 1534]. **Needham** [692]. **Needham-Schroeder** [692]. **Negated** [603]. **Negation** [611, 612]. **Negative** [525, 2064, 1677]. **Negoplan** [1575, 1495].

Negotiated [57]. **Negotiation** [1231, 450]. **Negotiation-Based** [1231]. **Neighbor** [427]. **Neighbor-Lists** [427]. **Neighborhood** [1980]. **Neighbour** [1856]. **Neighbourhood** [1753]. **Neighbours** [1987]. **Nepi** [861]. **Nested** [1352, 757, 606, 188, 808]. **Net** [318, 707, 321, 1884, 1755, 891, 1891]. **Nets** [1865, 1868, 1869, 687, 155, 1871, 1752, 796, 1873, 1874, 1875, 1876, 2062, 1878, 1880, 1882, 1883, 1330, 1885, 1886, 1866, 1665, 1887, 548, 646, 1417, 95, 110]. **Network** [385, 6, 1548, 1600, 199, 1193, 1605, 474, 405, 861, 416, 1721, 1964, 486, 87, 663, 1603, 1934, 484, 480, 1777, 482, 352, 1131]. **Network-Flow** [1605]. **Networked** [388, 1104, 1572]. **Networks** [255, 1113, 2070, 469, 1773, 396, 749, 1935, 461, 889, 478, 130, 1864, 244, 2050, 464, 342, 1857, 782, 1190, 460, 1559, 1822, 1893, 990, 351, 350, 1482, 353]. **Neural** [391, 396, 889, 891, 1934, 1777, 350, 352, 1482, 353]. **Neuron** [869]. **neuropathy** [988]. **News** [1404, 1583]. **Newtonian** [1420]. **Next** [1692, 214, 1427]. **Nice** [7]. **NII** [63]. **NKRL** [1487]. **No** [2059]. **Node** [1630, 1143, 811, 1337]. **Node-Lifting** [1630]. **Nodes** [753]. **Noise** [1095, 1510]. **Noisy** [1930, 1291]. **Non** [1895, 528, 1871, 1855, 550, 815, 721, 1659, 1253, 774, 123, 1325, 616, 1777, 986, 1283]. **Non-approximability** [1855]. **Non-classical** [550, 616, 1283]. **Non-conflict** [1777]. **Non-Deterministic** [774]. **Non-linear** [1253]. **Non-monotone** [815]. **Non-Monotonic** [1659]. **Non-observable** [528]. **Non-Obstructing** [1325]. **Non-Orthogonal** [123]. **non-rigid** [986]. **Non-Standard** [721]. **Non-terminating** [1895]. **Nondeterminism** [638]. **Nondeterministic** [1547, 2054]. **Nonemptiness** [1963]. **Nonlinear** [919, 345, 75, 108, 1126, 1054]. **Nonlinearity** [1259]. **Nonmonotonic** [1656, 1641, 617]. **Nonstationary** [1564]. **Nonuniform** [71]. **Normal** [529, 576, 258]. **Normalization** [798, 956, 1349, 784, 1359, 1282]. **Normalized** [1542]. **Normative** [1660, 1666]. **Note** [1833, 1845, 1902, 335, 71, 1834]. **Notes** [1856]. **Novel** [726]. **NP** [1859]. **NP-Completeness** [1859]. **Nuclear** [129]. **Nucleotide** [734]. **null** [1488]. **Number** [1, 555]. **Numbering** [15]. **Numbers** [26, 47]. **Numeration** [550]. **Numerical** [385, 1153, 410, 1882, 424]. **NWChem** [411].

O [1064]. **OBDD** [1971]. **Object** [114, 255, 143, 164, 1525, 2004, 1942, 738, 724, 830, 973, 1538, 1813, 2016, 593, 150, 161, 1809, 1477, 1305, 756, 2006, 749, 1792, 843, 587, 327, 209, 1808, 1532, 580, 1924, 948, 264, 596, 1885, 571, 1796, 849, 252, 1442, 591, 1585, 594, 201, 115, 2003, 585, 955, 153, 2017, 154, 657, 1187, 829, 237, 1449, 910, 944, 997, 907, 951]. **Object-Oriented** [114, 164, 1525, 2004, 1942, 738, 830, 1813, 593, 161, 1809, 2006, 1792, 209, 1532, 580, 596, 571, 1796, 1442, 591, 594, 201, 2003, 585, 153, 2017, 154, 657, 1449]. **Object-Orientedness** [1808]. **Object-Process** [1305]. **Objects** [2000, 830, 7, 2016, 838, 488, 137, 2014, 2011, 1693, 146, 854, 263, 589, 1517, 436, 932, 1002, 1450, 1003, 995, 1018]. **Objects-as-Multisets** [838]. **objets** [1745]. **objets-règles** [1745]. **Oblivious** [2074, 1244]. **Observable** [1925, 528]. **Observational** [1913]. **Observations** [514]. **Observer** [229]. **Obstacles** [1929]. **Obstructing** [1325]. **Obstructions** [1334]. **occluded** [1005]. **occlusion** [917, 951]. **occlusions** [950, 954]. **Occupancy** [1939]. **Occurrence** [72]. **Ocean** [1099]. **Ocore** [594]. **OCR** [1588]. **ocular** [1002]. **Offs** [224, 979]. **Oil** [420, 1075]. **omega** [2055]. **omega-Generators** [2055]. **OMG** [150].

OMG/CORBA [150]. **Omniscient** [1640]. **On-Board** [140]. **On-Line** [1129, 554, 1419, 1626, 1821, 1044]. **once** [546]. **One** [1378, 536, 386, 1600, 75, 828, 2020, 1467]. **One-Dimensional** [386]. **One-Key** [75]. **One-Pass** [828]. **One-time** [536]. **onto** [1082, 677]. **Ontology** [1397, 57]. **Ontology-Based** [57]. **OO** [1950]. **OODBMS** [1957]. **Open** [803, 1215, 744, 307, 489, 848, 113, 855]. **Operational** [141, 804, 315, 1468]. **Operations** [1170, 825, 899, 176, 2059]. **operative** [1427, 1700]. **Operator** [614, 1471]. **Operators** [314, 897, 386, 2013, 900, 1494]. **Opponent** [441, 449]. **Opportunistic** [1779, 574]. **OPT** [713]. **OPT-METAFrame** [713]. **Optical** [2070, 976, 219, 220, 977, 997, 979, 971]. **Optical-Flow** [219]. **optics** [1001]. **Optigraph** [33]. **Optimal** [1851, 1979, 533, 559, 1989, 536, 8, 732, 1043, 2068, 547, 520, 1626, 1838, 2042, 1625, 828, 1982, 1599, 928]. **Optimisation** [77, 1178, 574, 211]. **Optimization** [1805, 193, 1160, 1132, 672, 405, 406, 207, 768, 868, 1615, 900, 713, 758, 884, 673, 679, 1503, 677, 681, 956]. **Optimizations** [166]. **Optimize** [1664, 1489]. **Optimizing** [727, 1613, 812, 176, 1156, 902]. **Optimum** [1251]. **Options** [278]. **Orca** [1211]. **Order** [204, 1952, 1894, 662, 697, 840, 1343, 1903, 1639, 1547, 815, 1257, 609, 793, 1662, 1355, 73, 1356, 2047, 852, 778, 758, 1360, 1361, 736, 539, 2079, 1511]. **Ordered** [527, 1343]. **Orders** [1828]. **Ordinal** [801]. **Organic** [1653]. **Organisations** [1960]. **organization** [938]. **Organizational** [1536]. **Organizations** [836]. **Organizing** [2066, 353]. **Oriented** [114, 1576, 164, 1525, 2004, 1942, 738, 830, 1813, 593, 150, 161, 1809, 2006, 1792, 461, 1223, 209, 1532, 580, 596, 571, 915, 1796, 305, 1442, 591, 594, 201, 115, 2003, 585, 153, 1767, 2017, 154, 657, 712, 1187, 829, 53, 1449, 1477, 1504]. **Orientedness** [1808]. **Original** [1375]. **Orthogonal** [5, 1989, 42, 123]. **Orthographic** [1308]. **OSI** [661]. **OSQL** [728]. **OSSCAR** [1187]. **Othello** [896]. **Other** [296, 1421, 1120, 297]. **Outdoor** [256, 259, 260]. **Outerplanar** [38]. **Outline** [281]. **Output** [1829, 789, 807]. **Output-Sensitive** [1829]. **Outputs** [691]. **Overcome** [132]. **Overhead** [1101]. **Overlapping** [1531, 1018]. **Overview** [55, 1209, 1445, 1213].

P [1871]. **P/T** [1871]. **Pablo** [389]. **Pablo-Based** [389]. **PAC** [1500, 526]. **PAC-learning** [1500]. **Package** [1138, 1145]. **Packages** [1797]. **Packet** [462, 480]. **Packets** [1981]. **Packing** [1988, 1346, 1628]. **PadFEM** [1149]. **Paging** [554]. **Painless** [1407]. **Pair** [395]. **Pairs** [799, 800, 787, 1358, 904]. **Paper** [1685, 1686, 1304, 610, 612, 614]. **Paraconsistent** [1566]. **Paradigm** [1102, 821, 119, 1132, 1415, 375, 952]. **paradigm-driven** [375]. **Paradigms** [397, 1081]. **Parallax** [904]. **Parallel** [1095, 2069, 383, 1105, 1106, 1995, 1211, 832, 1086, 1170, 1870, 1073, 1102, 748, 673, 1153, 1996, 388, 390, 1142, 1186, 1137, 1089, 584, 1212, 393, 1139, 1127, 1133, 1327, 679, 394, 173, 1082, 1323, 1141, 1157, 1149, 182, 199, 1159, 1100, 1185, 1197, 672, 401, 403, 404, 1114, 1092, 831, 1158, 151, 1096, 1088, 882, 800, 411, 1200, 412, 1078, 413, 1108, 415, 1152, 1198, 1172, 2013, 1206, 1201, 1122, 1144, 417, 1180, 418, 419, 420, 682, 246, 1135, 1140, 423, 1124, 1716, 187, 1074, 426, 40, 521, 753, 1081, 427, 1208, 594, 429, 188, 681, 1116]. **Parallel** [195, 430, 1181, 1079, 181, 2024, 1118, 1120, 431, 432, 585, 1103, 1156, 1169, 180, 1085, 1110, 1084, 120, 178, 1080, 1151, 1099, 1150, 1112, 1196, 1091, 1093, 1154, 1204, 1388, 438, 680, 674, 678, 676, 1465, 677, 675, 1128, 1193].

Parallelisation [1077, 1087, 1075, 1119]. **Parallelism** [523, 202, 1205]. **Parallelization** [384, 1176, 387, 396, 397, 170, 1192, 177, 196, 1094, 1098, 1083, 437]. **Parallelized** [409]. **Parallelizer** [1177]. **Parallelizing** [1143, 172]. **Parameter** [586]. **Parameterized** [698]. **Parameters** [1949, 1417]. **Parametric** [1974, 1910, 931, 908]. **Parametricity** [772]. **paraperspective** [975]. **Parentheses** [1978]. **Parents** [1534]. **PARIS** [148]. **Parity** [1825, 344, 1571]. **PARK** [718]. **PARKBENCH** [1175]. **Parse** [1552]. **parsed** [377]. **Parser** [827, 373]. **PARSETALK** [1553]. **Parsing** [828, 1322, 377]. **Part** [920, 270, 1814, 1748]. **Partial** [1311, 762, 1342, 764, 1351, 634, 662, 697, 1226, 2079, 1975, 1828, 561, 611, 1917, 822, 1458]. **Partial-Order** [697, 2079]. **Partially** [1925, 1889]. **Particle** [394, 422]. **Particles** [1132, 1108]. **Parties** [668]. **partir** [1717]. **Partition** [742]. **Partitioned** [732, 148]. **Partitioning** [1136, 1975, 472, 191]. **Partitions** [1668]. **Parts** [1307]. **Party** [68]. **Pass** [828]. **Passing** [1102, 586]. **past** [374]. **Patch** [226]. **Path** [459, 543, 1938, 460, 1063]. **Path-Width** [543]. **Paths** [1829, 1604, 790, 805, 1842, 1342]. **Patient** [329]. **Pattern** [1387, 1574, 1389, 871, 1386, 1433, 1341]. **Patterns** [649, 1383, 1518, 1377, 716, 365, 367, 958, 1462]. **pcall** [1199]. **PDE** [783]. **Pearls** [1954]. **Pebble** [1983]. **Pedagogical** [1715]. **pédagogique** [1743]. **Penalty** [897]. **3-Approximation** [1370]. **6000** [1192]. **Ada** [1801]. **Aria** [158]. **C** [639]. **Commitment** [782]. **Constraint** [1203]. **CORBA** [150]. **CPN** [1873]. **Design** [154]. **Event** [696]. **Evolves** [869]. **HFX** [330]. **Illustra** [741]. **language** [354]. **Learning** [1709]. **Manipulator** [51]. **max** [925]. **Mellor** [153]. **Motif** [157]. **Navier** [1155, 1152]. **O2** [1811]. **photometric** [958]. **RSPIN** [703]. **RT** [646]. **symbolic** [355]. **T** [1871]. **Penetrating** [1116]. **people** [1015]. **PEP** [707]. **Perception** [1921, 1923, 1775, 1941, 315, 1009]. **Perception-Based** [1941, 315]. **Perfect** [1373, 2078, 555]. **Performance** [381, 1546, 1194, 473, 185, 1113, 469, 1950, 726, 389, 1142, 322, 584, 392, 1289, 1173, 1141, 1087, 411, 1200, 1143, 1293, 754, 660, 1309, 1174, 470, 626, 1074, 202, 121, 432, 1148, 1619, 1156, 139, 716, 1190, 120, 484, 228, 1893]. **Performances** [1079]. **Performing** [1432]. **Periodic** [160, 71]. **Permutable** [694]. **Permutations** [537]. **Persistence** [1811, 594, 1807]. **Persistent** [744]. **Personal** [62, 1432, 496, 1434]. **Perspective** [64, 1644, 1405, 2002, 1660, 65, 975, 1023, 380]. **Perspectives** [268, 610, 1190]. **Petri** [1868, 687, 1873, 1874, 707, 1875, 2062, 1878, 1880, 1882, 1883, 1330, 1885, 1886, 1866, 1887, 646, 1417, 95, 110]. **pGVT** [640]. **phase** [976, 1054]. **phase-portrait** [1054]. **Phenomena** [1126]. **Philosophers** [1799]. **photographs** [1020]. **Photometry** [249]. **Phylogenies** [1381]. **Phylogeny** [2078, 555]. **physically** [953]. **physically-based** [953]. **Physics** [1105, 1106]. **Pi** [861]. **Pi-Calculus** [861]. **Pictures** [1338]. **PID** [108]. **Piecewise** [188]. **Pilot** [1131, 1118, 475]. **Pilot-Implementation** [1118]. **Pipelining** [167, 809, 808]. **Pipelining-Dovetailing** [808]. **Pitts** [127]. **Pixel** [225, 1115]. **Place** [213]. **Plan** [1551, 1704, 1230]. **Planar** [1, 1836, 22, 1631, 1608, 30, 1978, 226, 1124, 1055, 958]. **Plane** [1832, 1989, 29, 1830, 985]. **Planes** [28, 1610]. **planification** [1743]. **Planner** [1932, 274]. **Planning** [1412, 1557, 1411, 294, 1527, 1413, 575, 859, 319, 1819, 1096, 1231, 118, 1501, 1938, 1940, 1233, 1673, 97, 1718, 1063, 1281]. **Plans** [1230, 1759, 1772]. **Plant** [129, 1346, 641]. **Plants** [696]. **Plasma** [1109]. **Platform** [1730, 1529, 481]. **Platforms** [1082, 1124, 1079]. **Play** [295]. **Playing**

[1763]. **plural** [352]. **Plus** [1911]. **Point** [8, 1903, 669, 1978, 1916, 1545, 983]. **Pointer** [1979, 558, 767]. **Pointers** [2009]. **Points** [1809, 1290, 817, 1269, 904]. **Points-to** [817]. **Poisson** [1378]. **polarized** [1017]. **Policy** [66, 63]. **Pollution** [120]. **Polygon** [1861]. **Polygonal** [1832]. **polygrams** [363]. **polyhedra** [918]. **Polyhedral** [1629, 1002, 1020]. **Polymers** [1122]. **Polymorphic** [1906, 781, 1360]. **Polymorphism** [1910, 1885, 2036, 2020]. **Polynomial** [1630, 1902, 2078, 402, 2041, 247, 449, 1572, 1055]. **Polynomial-Time** [2078, 1572]. **Polynomials** [2041, 1237, 1239]. **Polytope** [1627]. **Portability** [822]. **Portable** [1212, 392, 1149, 1135, 39, 1204]. **Porting** [1078, 1074, 1079]. **portrait** [976, 1054]. **Portraits** [1114]. **pose** [1002]. **Position** [1685, 1686]. **Positive** [525, 1920, 1278]. **POSIX** [1801]. **POSIX/Ada** [1801]. **possibility** [1488]. **Possible** [62, 1643, 1663]. **Post** [510]. **Postprocessing** [248]. **Postulates** [617]. **Potentials** [467]. **pour** [1743, 1727, 1703, 1745, 1714, 1725]. **Power** [2051, 1129, 528, 129, 1121, 43, 2047, 641]. **PP** [515, 361]. **PQ** [1632]. **PQ-Tree** [1632]. **Practical** [341, 1314, 2001, 135, 2044, 1637, 1817, 1638, 2002, 198, 760, 1746, 1263, 1681]. **Practically** [1689]. **Practice** [643, 1741, 794, 1774, 1451]. **Pragma** [1644, 1660]. **Pragma-Dialectical** [1644, 1660]. **Pragmatic** [1320, 300, 2081]. **PRAM** [1171]. **Pre** [459]. **Pre-Computation** [459]. **Preconditioners** [402]. **Preconditioning** [1155]. **Preconditions** [648]. **Precongruence** [1913]. **Predators** [445]. **Predicate** [1957, 1876, 1572, 1487]. **Predicate-Logic** [1572]. **Prediction** [1123, 1174]. **Predictive** [479, 667]. **Predictors** [1546]. **Preelaboration** [144]. **Preferences** [288]. **prefixes** [1283]. **Preliminary** [1778, 404, 1079, 1672]. **Premises** [2064]. **Preprocessed** [247]. **Preprocessor** [1562]. **Presburger** [788]. **Presence** [1199]. **Presentation** [488, 1417, 1756]. **preserves** [940]. **Preserving** [1869, 219, 561]. **press** [1032]. **Pretexte** [279]. **Preview** [1404]. **Prey** [445]. **Primal** [1608]. **Primal-Dual** [1608]. **Primes** [552]. **Primitives** [1538, 895, 290]. **Principle** [476]. **Principles** [127, 1394]. **Print** [1365]. **Printed** [1295]. **Priorities** [699, 472, 1670]. **Prioritization** [1206]. **prioritized** [1052]. **Priority** [1996, 470]. **priors** [1016]. **Privacy** [63]. **Private** [1433]. **Probabilistic** [2053, 1923, 1729, 1993, 1937, 1859, 704, 1926, 248, 360]. **Problem** [1865, 1370, 1970, 897, 1391, 563, 1548, 1612, 1602, 1413, 892, 1392, 1729, 1629, 1909, 1384, 898, 510, 1615, 1741, 1971, 1354, 1846, 1968, 226, 1742, 1625, 1716, 1750, 1747, 1967, 853, 156, 1325, 1756, 1571, 1695, 884, 1221, 1765, 200, 2073, 2079]. **Problem-Solving** [1391, 1392, 1741, 1747]. **problème** [1707]. **Problems** [2069, 1845, 515, 1130, 1601, 2044, 1791, 1855, 268, 575, 1544, 1157, 1132, 1974, 672, 1226, 1608, 1975, 1823, 1828, 760, 1135, 1964, 259, 1321, 142, 2061, 1620, 1623, 1080, 1603, 1853, 1388, 1777, 673, 1480, 677, 681]. **Procedural** [295, 1681]. **Procedure** [1182, 530, 1197, 1650, 576, 1438, 655]. **Procedure-Level** [655]. **Procedures** [1901, 1733, 1912, 289]. **Process** [1737, 1378, 1326, 1217, 1526, 1704, 842, 1134, 1305, 1788, 860, 714, 456, 104, 1556, 694, 849, 1138, 1960, 1443, 865, 1718, 1043, 1497]. **Process-Calculus** [849]. **Process-Sensitive** [1737]. **Processes** [2063, 2037, 119, 638, 844, 831, 1925, 468, 2061, 457, 791, 935, 1029]. **Processing** [832, 726, 160, 1289, 182, 207, 1924, 1418, 1168, 742, 257, 370, 355, 1486, 925, 2082, 348, 1489]. **Processor** [185, 416]. **Processors** [1201, 1112]. **processus** [1712, 1707]. **Produce** [2000]. **Product** [786, 1704]. **Production** [1596].

Productions [1327, 1328]. **ProfGlot** [283]. **profiles** [929]. **Program** [896, 1332, 816, 701, 1579, 1428, 648, 575, 636, 573, 547, 578, 410, 1446, 1878, 761, 713, 570, 797, 1798, 426, 1735, 572, 1748, 565, 574, 650, 358, 1465, 1028]. **Programmable** [874, 866]. **programmation** [1727]. **Programmed** [1319]. **Programming** [2069, 1597, 1897, 1560, 1102, 857, 1784, 600, 593, 1758, 1212, 150, 1139, 840, 892, 1809, 604, 1185, 1723, 878, 560, 1650, 769, 1223, 1610, 847, 861, 111, 607, 149, 308, 610, 1536, 775, 2003, 97, 1781, 615, 1203, 617, 1468, 1470, 1477, 676, 374, 1458, 373]. **Programs** [566, 2051, 2007, 762, 597, 577, 1894, 164, 563, 599, 388, 766, 839, 1790, 2075, 1200, 579, 606, 1144, 608, 1180, 1787, 571, 1789, 541, 568, 1121, 188, 777, 1609, 430, 201, 181, 612, 576, 778, 569, 613, 817, 178, 1598, 1322, 1500, 1494]. **Prograph** [1202]. **PROGRES** [1341]. **Progress** [1216, 1992]. **Project** [1128, 1683, 1217, 135, 1819, 474, 1721, 1174, 1467, 1395]. **projection** [906]. **Projections** [546, 7, 990]. **projective** [915, 1024]. **Projector** [435]. **Prolog** [763, 766, 579, 1561, 614]. **Promela** [703, 702]. **Promela/RSPIN** [703]. **Promoting** [1690, 591]. **PRONAOS** [141]. **Proof** [1899, 1352, 601, 1646, 1650, 618, 607, 570, 576, 1287, 1072, 1283]. **Proof-theory** [607]. **Proofs** [1245, 513, 1246, 685, 1050, 1266, 2026, 1359, 1469, 1281, 1284]. **Propagation** [175, 1191, 1521, 423, 1572, 730, 813, 933, 926]. **proper** [1494, 1487]. **Properties** [1350, 1123, 693, 874, 775, 576, 710, 95, 918]. **Property** [1845, 1616]. **Proposal** [1129, 393, 399, 2011]. **Proposed** [68]. **Propositional** [606, 1918, 289, 2026, 1272, 1492]. **Propositions** [454]. **Propositions-as-Types** [454]. **Prospector** [1404]. **Prospects** [1676]. **Protected** [1802]. **Protection** [668, 1031]. **Protein** [1383, 1122]. **Proteins** [1382]. **Protocol** [473, 643, 587, 2015, 321, 654, 692, 595, 1963, 1072]. **Protocols** [320, 79]. **Prototype** [859, 1193, 1594, 1803, 261]. **Prototyping** [12, 708, 1800]. **Provable** [347]. **Provably** [341, 1255]. **Prove** [576]. **Proves** [541]. **Provide** [495]. **Providing** [478, 745, 464]. **Proving** [801, 2023, 654, 1356, 1919, 710, 95, 1502, 1279]. **Proximity** [19]. **Pruning** [599, 1963]. **Pseudo** [1255]. **Pseudo-random** [1255]. **Pseudonyms** [81]. **PSR** [1872]. **Public** [1578, 83, 1252, 692, 1238, 1239, 1433, 1680]. **Public-Key** [692, 83]. **Publicly** [1250]. **PULSAR** [1095]. **Pulse** [1107]. **Pumping** [789]. **punctuation** [376]. **Pure** [1573]. **Purpose** [1105, 193, 1139, 1568, 303, 1395]. **Putting** [1450]. **PVM** [1182, 389, 149, 1179, 863, 424, 1119]. **Pyramidal** [426].

Q [451]. **Q-Learning** [451]. **Q1** [1167]. **QH4** [1134]. **QOS** [464, 1417, 501]. **QR** [1159, 429]. **QR-Factorization** [429]. **Quadratic** [1612, 1610, 1972]. **Quadrics** [1167]. **Quadries** [1134]. **Quadrilateral** [544]. **Qualitative** [1666, 1567, 1743, 1717]. **Quality** [1399, 1403]. **Quality-Based** [1399]. **Quantification** [2002, 998]. **Quantifiers** [597, 2053, 1271]. **Quantisation** [1117]. **Quantitative** [935, 621, 1875, 1293, 987]. **Quantum** [507, 530, 85, 419, 435]. **Quarter** [1692]. **Quasi** [1, 1778]. **Quasi-Anticipatory** [1778]. **Quasi-Planar** [1]. **Queries** [205, 1957, 727, 1839, 1949, 728, 1368, 736, 1473]. **Query** [1554, 748, 749, 207, 262, 742, 1674, 211, 734, 1503, 1486, 1489]. **Query-Answering** [1674]. **Querying** [1952, 737]. **Question** [1816]. **Questions** [1826]. **Queueing** [462]. **Queues** [1996]. **Quiescence** [691].

R0n [1353]. **R0n-** [1353]. **Rabin**

[1267, 695, 2048]. **Race** [1201]. **Rackoff** [346]. **Radar** [391, 1116]. **Radiation** [1107]. **Radio** [128, 493]. **Radio-Taxi** [128]. **Radiographic** [1134]. **RADIOSS** [1081]. **Radiotherapy** [1096]. **Railroad** [1909]. **RAISE** [158]. **RAMs** [2059]. **Random** [18, 552, 2041, 537, 509, 1255]. **Randomization** [560]. **Randomized** [2051, 1621, 9, 1962, 674, 1171, 2068, 1365, 1968, 1623]. **Randomness** [512, 72]. **Range** [175, 388, 417, 912, 971]. **Rangefinding** [232]. **Rank** [556, 981]. **Ranking** [553, 1679]. **Rapid** [708, 1594, 907, 323]. **Rapide** [1789]. **RAPT** [1096]. **Raster** [1293, 1303]. **Raster-Scanned** [1303]. **Raster-to-Vector** [1293]. **Rate** [502, 233, 485, 1464]. **Rates** [1852, 1611, 503]. **Rational** [1640, 328, 517]. **Ray** [1112, 990]. **rd** [853]. **Re** [1577, 152, 1519, 1214, 1717]. **Re-Engineering** [152, 1519]. **Re-Implementation** [1214]. **ré-ingénierie** [1717]. **Re-Use** [1577]. **Reachability** [1879, 1055]. **Reaction** [832, 1653]. **Reactions** [1653, 1909, 1103]. **Reactive** [299, 455, 117, 118, 703]. **Reactivity** [419]. **Reactor** [619]. **Read** [546, 732]. **Read-once** [546]. **Real** [144, 1806, 160, 161, 134, 1076, 1819, 636, 1158, 313, 1652, 1835, 327, 224, 996, 227, 233, 1604, 696, 704, 43, 1563, 116, 467, 1085, 291, 702, 655, 1042, 1052, 1070, 1018]. **Real-Time** [144, 160, 161, 134, 1819, 1158, 327, 224, 227, 233, 696, 704, 43, 1800, 116, 467, 636, 996, 655, 1042, 1052, 1070]. **Real-Tune** [1806]. **Real-Valued** [1604]. **Real-World** [1563]. **Reality** [1173, 1421, 1422]. **Realization** [1184]. **Reason** [1689, 1669]. **Reasoner** [1396, 1568]. **Reasoning** [1683, 1930, 1739, 1684, 1637, 1640, 605, 1547, 455, 1656, 1641, 1645, 1729, 1638, 296, 1653, 1399, 60, 1924, 275, 1661, 751, 1663, 1572, 1672, 1761, 954, 1567, 291, 1515, 1677, 1922, 1545, 1679, 1681, 1751, 1275, 1451, 1502, 1285, 1506]. **Reasons** [1392, 1654]. **receptive** [955]. **RECIBA** [481]. **Reciprocity** [452]. **Recognition** [266, 255, 1551, 1297, 1002, 267, 254, 490, 1305, 1230, 1374, 871, 1924, 264, 1916, 1298, 521, 252, 1117, 1288, 908, 1776, 90, 232, 237, 942, 906, 944, 945, 351, 948, 996, 907, 950, 951, 955]. **Recognize** [1322]. **Recognized** [516]. **Recognizing** [1342, 10, 1299, 30, 2050]. **Reconfigurable** [432]. **Reconfiguration** [1323, 1860]. **Reconstruct** [70]. **Reconstructing** [1020]. **Reconstruction** [990, 1660, 1116, 250, 1308, 920, 975, 1000, 911, 939, 912, 1016, 905, 940]. **Recovering** [189]. **Recovery** [1412, 1528, 920]. **Rectangular** [1830]. **Rectangulation** [1984]. **Rectifying** [245]. **Rectilinear** [1861]. **recurrent** [350]. **Recursion** [2036]. **Recursions** [1357]. **Recursive** [1931, 541, 1138, 1561, 298]. **Redescription** [1406]. **Redistribution** [192]. **Redistributions** [1184]. **Reduce** [450]. **Reduced** [1877, 1883]. **Reducing** [1476, 1422, 500]. **Reduction** [1841, 697, 395, 1639, 797, 711, 805, 1039]. **Reductions** [1852, 532, 553]. **Redundant** [1146]. **Reference** [1569, 257, 947]. **Referential** [210]. **Refined** [1939]. **Refinement** [634, 440, 739, 636, 977, 96, 569, 1947, 1284]. **Refinements** [1062]. **Refining** [623, 1494, 1497]. **reflectance** [1017]. **Reflecting** [1827]. **reflection** [967]. **Reflections** [1985]. **Reflective** [307, 1532, 589]. **Regenerative** [1874]. **Region** [169, 256, 1302]. **regions** [1004]. **Registers** [76, 1256]. **Registration** [266]. **règles** [1745]. **Regular** [395, 553, 1884, 2050, 1099, 1920]. **Regularities** [1440]. **Regularity** [2037]. **Regularization** [970, 940]. **Reification** [629]. **Reinforcement** [444, 1563]. **Related** [1234, 127, 72, 276]. **Relation** [687, 1400, 1902]. **Relation-Algebraic** [687]. **Relational**

[205, 724, 1092, 1948, 2018, 2061, 1488, 1496].
Relations [1635, 1175, 269, 270, 1497].
Relationship [1330]. **Relationships** [2016, 1521]. **Relative** [1635, 798, 248].
Relaxation [1618, 246, 248, 244, 1603, 943].
Relaxations [1614, 1610]. **relaxed** [1030].
Relaxing [1541]. **Release** [1618].
Relevance [1332, 1928]. **Reliability** [1782].
Reliable [2015, 165, 912, 618, 978, 1117].
relief [939]. **RELVIEW** [687]. **Remarks** [510, 439]. **Remodeler** [1577]. **Remote** [1161, 1182, 1966, 841, 1197, 492].
Remotely [148]. **Removing** [764, 1976, 810]. **Rendering** [433].
Rendezvous [2073]. **Reordering** [563].
Reorganization [1539]. **Repair** [897, 1410, 874]. **Repairing** [810]. **repeated** [949]. **Repeats** [1378]. **REPERES** [1696].
Repetitive [1227]. **Replacement** [1313, 1334, 1338, 1337]. **Replay** [1201].
Replicated [730]. **Replication** [1783, 1210].
Report [1551, 2004, 1596, 23, 761, 1556, 1519, 1216, 1672, 1404]. **Reporting** [1829].
Repositories [1586]. **Representation** [825, 16, 272, 24, 1877, 105, 100, 1665, 491, 200, 932, 945, 2080, 914, 1475, 349, 1511, 1745, 1736, 1714]. **Representations** [2, 216, 1548, 1344, 744, 32, 1879, 961, 947, 352].
representative [995]. **Representing** [1900].
Reproducing [874]. **Reproduction** [882, 227]. **Requirements** [627, 1048, 670, 1514, 487]. **resampling** [1461]. **Rescheduling** [645]. **Research** [13, 1954, 593, 172]. **resemblance** [995].
Reservoir [1073, 420, 2040, 1075]. **Residual** [1160, 798]. **residue** [1039]. **Resilient** [1258]. **Resolution** [294, 892, 1646, 901, 369, 1013, 909, 1278, 616].
Resolution-Based [1646]. **Resolve** [815].
Resource [512, 1480, 508, 601, 1557, 472].
Resource-based [1480].
Resource-Bounded [512].
Resource-Sharing [472]. **Resources** [806, 1592, 1938, 212]. **Response** [1551].
Responses [275]. **Restoration** [460].
restricted [360]. **Restructuring** [183, 1446]. **Result** [1859]. **Resulting** [220].
Results [630, 1855, 1175, 24, 456, 1174, 1079, 2026, 1349, 2054, 373]. **Retargetable** [812]. **Retrieval** [1554, 264, 1541, 1587, 261, 927, 1487].
Reusability [1786, 2011, 822]. **Reusable** [165]. **Reuse** [1661, 824, 591, 2020, 650].
Reversal [1376]. **ReverseNICE** [152].
review [2082]. **REVISE** [1395]. **Revising** [1759]. **Revision** [1683, 310, 1679, 617, 1772, 379]. **Revisited** [1977, 1072]. **Rewards** [1874]. **Rewrite** [1332, 816, 1895, 784]. **Rewriting** [1312, 529, 1314, 602, 801, 1906, 796, 769, 1336, 1348, 2032, 1346, 1318, 833, 1349].
Rhetorical [272, 1676]. **Rheumatology** [1748]. **Rig** [235]. **Right** [1546]. **Rights** [287]. **Rigid** [1904, 226, 986]. **Rigorous** [980]. **Ring** [1172]. **RIPEMD** [337].
RIPEMD-160 [337]. **RIVUS** [670]. **RNC** [1842]. **Road** [1113, 258]. **Robot** [1929, 1931, 1932, 1921, 1923, 1936, 1938, 448, 1233, 121, 223, 1934, 1481]. **Robotic** [899]. **Robotics** [1933, 218, 875]. **Robots** [450, 1991]. **Robust** [221, 944, 1264, 932, 993, 1068]. **ROCK** [1943]. **Role** [1551, 1535, 1215, 1763, 581].
Role-Based [581]. **Role-Playing** [1763].
Roles [1763]. **ROLL** [1943]. **roofs** [909].
Room [1431]. **Root** [1247, 1249]. **rough** [1492, 1491, 1461]. **Rounding** [1621].
Routines [293]. **Routing** [1824, 549]. **Row** [2060]. **RPC** [2014, 1179]. **RS** [1192]. **RS/6000** [1192]. **RSA** [1267, 1234]. **r²solution** [1707]. **RTL** [1032]. **Rule** [1943, 1518, 541, 122, 1512, 784]. **Rules** [1552, 1869, 600, 1558, 1946, 718, 1518, 782, 351, 379, 1492, 1460, 368, 1461]. **Run** [1291, 199]. **Run-Time** [199]. **Runtime** [1546].
S.A.M.C.E.F. [1082]. **S4** [1912]. **SA** [646].

SA/RT [646]. **Safe** [2001, 1991, 133].
SAFER [331]. **Safety**
 [135, 620, 133, 1794, 1782, 619, 631, 635].
Safety-Critical [620, 1794, 635]. **Salesman**
 [1632, 1157, 1384, 1620]. **saliency** [936].
SAMMI [1082]. **Sample** [1961, 364].
sampled [1016]. **Sampler** [242]. **Samples**
 [1366]. **Sampling** [1614, 2046]. **sans** [1071].
SAR [1095]. **Satellite** [478, 479, 976].
Satisfaction
 [802, 1544, 1226, 1859, 1968, 1287].
Satisfiability [1970, 1846, 1573].
Saturation [2023]. **Saturation-Based**
 [2023]. **Saving** [67]. **Scaffolding** [1704].
Scalability [461, 470, 1156]. **Scalable**
 [1163, 754, 1164, 717, 730, 1581, 657, 315].
ScaLAPACK [1184, 392, 400]. **Scalar**
 [185]. **Scale** [2004, 1589, 466, 1192, 923, 919,
 1450, 969, 989, 922, 951, 970, 927, 930, 1462].
Scale-space [923, 919, 922, 970, 927].
Scaled [1385]. **Scaling** [499, 663, 476, 1044].
Scanned [1303, 1306]. **Scattering**
 [1108, 967]. **Scenario** [1780, 491].
Scenario-Based [1780]. **Scenarios** [470].
Scene
 [256, 222, 260, 947, 904, 949, 1009, 993].
Scenes [259, 1112, 965, 1005, 1020].
Sceptical [131]. **schedule** [1067].
Scheduler [2074]. **Schedulers** [168].
Schedules [559, 732, 1410, 1625].
Scheduling
 [128, 1232, 2076, 168, 636, 326, 1618, 462,
 899, 1626, 642, 1625, 809, 1619, 500, 1480].
Schema [1942, 752, 1594, 722, 574].
Schema-Based [574]. **Schemas**
 [1538, 1537]. **Schemata** [573]. **Scheme**
 [665, 504, 1198, 1201, 80, 1251, 497, 667, 585,
 1263, 1893]. **Schemes** [1243, 536, 592, 1242,
 2044, 1191, 1265, 463, 485, 191, 1266, 1239].
Schmidt [1159]. **Scholarly** [1582]. **Schools**
 [1692]. **Schroeder** [692]. **Sciddle** [1182].
Science [1578]. **Scientific**
 [1586, 1111, 735, 1141, 403, 1144, 1140, 1731].
SCOOP [672]. **Scope** [757]. **SCOTCH**
 [1138]. **Screens** [1851]. **Screws** [1307]. **sea**
 [1035, 1881]. **Search**
 [795, 599, 601, 688, 1997, 898, 2072, 1859,
 1369, 946, 1466, 682, 1286, 941, 1287].
Searches [1588]. **Searching**
 [1977, 2060, 1574, 1592, 2045, 1484, 263, 1294].
Second [1952, 1343, 1082, 1723, 815, 539].
Second-Order [1343]. **Secret**
 [1235, 1242, 1240, 70, 79, 1251, 1250].
Secret-Ballot [1240]. **Sectioned** [1559].
Secure
 [341, 630, 1255, 495, 1795, 1256, 1251].
Security [693, 1252, 345, 1886, 347, 497,
 1266, 1236, 1263, 59, 63, 1267]. **SEdit** [1657].
Segment [262]. **Segmentation** [225, 1301,
 1305, 220, 222, 929, 943, 914, 952, 930].
Segmentations [242]. **Segments** [270, 997].
Seismic [1119]. **Selected** [259]. **Selecting**
 [1546]. **Selection**
 [1576, 459, 191, 1992, 364, 947, 1493, 379].
selectionist [943]. **Selectivity** [1838]. **Self**
 [903, 1845, 725, 874, 468, 464, 1941, 2066,
 235, 999, 353]. **Self-calibration** [903, 999].
Self-Localization [1941].
Self-Maintainable [725]. **Self-Organizing**
 [2066, 353]. **Self-Repair** [874].
Self-Reproducing [874]. **Self-Similar**
 [468]. **Self-Similarity** [464].
Self-Witnessing [1845]. **Sell** [2000].
Semantic
 [577, 1163, 1897, 746, 127, 1320, 1503, 282,
 1945, 1721, 1587, 1275, 1004, 363, 352].
Semantical [290, 1457, 359]. **Semantics**
 [785, 597, 763, 1895, 1871, 1327, 547, 718,
 760, 105, 608, 1317, 793, 773, 797, 1318, 774,
 1663, 1199, 1540, 820, 852, 1675, 614, 589,
 1678, 1559, 1468]. **Semi** [451, 2039].
Semi-Competitive [451]. **Semi-Groups**
 [2039]. **Semidefinite** [1610, 1611, 1609].
Semilinear [2040]. **SemNet** [1675]. **Sense**
 [67]. **Sensing** [291]. **Sensitive**
 [1737, 1829, 2032, 1982]. **Sensor**
 [1932, 1940, 1934, 1481]. **Sensor-Based**
 [1932, 1481]. **Sensors** [1930]. **Sentences**

[283, 2047]. **Separable** [1603]. **Separated** [119]. **Separating** [1630, 1631, 1018, 349]. **Separation** [534, 2054]. **Separator** [1840]. **Sequence** [686, 1378, 178, 1013]. **Sequences** [225, 1133, 1827, 71, 1993, 259, 250, 1377, 1022, 973, 976, 1023, 1004, 1016, 905, 934, 929]. **Sequencing** [1378]. **Sequent** [1277, 1271]. **Sequential** [1372, 1871, 698, 2047, 1156, 716, 942]. **Series** [517]. **serif** [1071]. **Server** [1194, 1813, 1596, 477, 165, 79, 503, 1091]. **Server-Aided** [79]. **Servers** [295, 502, 476]. **Service** [1412, 662, 658, 478, 505, 485, 1964, 664, 498, 712]. **Service-Constrained** [1964]. **Services** [749, 148, 68, 472, 1801, 667, 496, 467, 855]. **Session** [1261]. **Set** [897, 8, 706, 1602, 2033, 393, 1334, 518, 1629, 1606, 488, 269, 728, 1842, 436, 1492, 1461]. **Set-Covering** [897]. **Sets** [527, 2052, 1163, 206, 532, 1656, 2040, 1598, 1269, 1491]. **sets-based** [1491]. **Several** [472]. **SFDUs** [157]. **SGI** [1121]. **SGML** [733]. **Shake** [1550]. **Shape** [913, 900, 240, 90, 964, 1003, 918, 998, 983]. **Shared** [522, 1408, 2071, 1195, 70, 1532, 1862, 1797]. **Shared-Memory** [2071]. **Sharing** [1243, 1242, 895, 472, 1251, 1250]. **Shark** [340]. **Sharply** [1914]. **Shell** [302, 88, 1430]. **Shift** [76, 176]. **Shifting** [276]. **Shifts** [557]. **Shlaer** [153]. **Shlaer/Mellor** [153]. **Shop** [1625]. **Short** [1245, 388, 417, 1262]. **Short-Range** [417]. **Shortcomings** [639]. **Shortest** [1370, 1604, 1822]. **Shuttle** [627]. **Side** [1615, 1199]. **Side-Effects** [1199]. **sieves** [919]. **SIGMA** [325]. **sign** [1267]. **Signal** [1801]. **Signals** [1229]. **Signature** [536, 1242, 732, 1265, 80, 1266, 1239]. **Signatures** [1235, 1264, 1267]. **Signed** [1468]. **Significant** [600]. **Signs** [1229]. **Silhouette** [951]. **Silhouette-based** [951]. **silhouettes** [995]. **SIM** [311, 116]. **SIMD** [1134, 1079]. **Similar** [468]. **Similarity** [464, 265]. **Simple** [526, 184, 1853, 1280, 1072]. **Simplex** [1609]. **Simplex-Type** [1609]. **Simplification** [1741, 1478]. **Simulated** [17, 893, 40]. **Simulating** [1108, 1079]. **Simulation** [1106, 1073, 1102, 1153, 1104, 1171, 1134, 1749, 1834, 1122, 1144, 1337, 420, 1355, 1750, 147, 109, 181, 1118, 431, 1103, 1126, 1110, 1075, 1187, 436, 1757, 1751, 1745, 1050, 1049, 1891]. **Simulation-Based** [1749, 1757, 1751]. **Simulations** [1113, 522, 388, 2071, 1100, 1109, 413, 1125, 1085, 1060]. **Simulator** [129, 145, 1158, 106, 1814, 864, 43]. **Simulators** [1101, 146]. **Simultaneous** [1904]. **Single** [823, 1230, 1626, 1604, 824, 541, 480, 2054, 959]. **Single-Agent** [1230]. **Single-Frequency** [480]. **Single-Machine** [1626]. **Single-Source** [1604]. **Single-Tape** [2054]. **singular** [911, 982]. **singularity** [963]. **SINT** [1754]. **Siphons** [1868]. **Situation** [1930, 1709, 1642, 1469, 1725]. **Situational** [1281]. **Situations** [605, 500]. **Six** [889]. **Six-Legged** [889]. **Sized** [1108]. **Sizing** [1623]. **Skeleton** [857]. **Skeletons** [1832]. **Skeptical** [1674]. **sketches** [1507]. **Skill** [1558]. **Skills** [1747]. **Skip** [1858]. **SLD** [616]. **SLD-resolution** [616]. **Slicing** [648]. **SLIQ** [717]. **Slotted** [1187]. **Small** [1961, 1841, 1247, 1249, 1201]. **Smart** [83, 84, 85, 1261]. **Smartcards** [333]. **smooth** [920, 968]. **smoothing** [928]. **Snakes** [986, 1006]. **Snow** [425]. **Soc** [1223]. **Social** [6, 1228, 1773, 321]. **Society** [1218]. **soft** [1006]. **Software** [167, 653, 2004, 1586, 1691, 119, 705, 134, 1439, 1872, 1792, 1441, 860, 618, 847, 1532, 102, 1786, 1254, 1445, 1787, 1140, 132, 1440, 140, 1321, 591, 486, 103, 1138, 809, 711, 1444, 156, 1694, 1782, 1438, 154, 1304, 1437, 590, 1515, 808, 650]. **Software-Development** [2004]. **Solid** [1308]. **Solids** [383, 1125]. **Solution** [167, 385, 1127, 477, 1882, 1811, 430]. **Solutions** [1841, 639, 259, 1126, 212].

Solvable [515]. **Solve** [1130, 1124]. **Solver** [1155, 415, 1152, 1716, 1150]. **Solvers** [404, 783]. **Solving** [1391, 1413, 575, 1157, 1392, 672, 1729, 1741, 1742, 1716, 1750, 833, 1747, 853, 1695, 1221, 1765, 1777, 924]. **Some** [1894, 1791, 558, 1778, 1809, 404, 693, 313, 32, 79, 760, 1856, 305, 1918, 1404, 290, 284, 439, 617]. **Sonia** [836]. **sonography** [921]. **Sorting** [1977, 1376]. **sound** [1471]. **Soundness** [616]. **Source** [1604, 1761, 562]. **Source-to-Source** [562]. **Sources** [469, 1565]. **Sow** [1954]. **SP** [1192]. **SP2** [1121]. **Space** [1416, 1225, 1136, 7, 599, 218, 627, 1877, 227, 220, 433, 1567, 1867, 1433, 919, 962, 922, 923, 951, 970, 927, 930]. **Space-and** [220]. **Spaces** [1961, 1877, 1423, 1466, 353]. **Spanning** [1605, 1974, 1982, 1967]. **SPARC** [162]. **Sparse** [197, 532, 1613, 1127, 1159, 404, 1843, 1825, 429, 432]. **Sparsification** [1974]. **Spatial** [205, 209, 755, 1524]. **Spatiotemporal** [961]. **Speak** [316]. **SPEAR** [1947]. **Special** [1624]. **Specialization** [2001, 592]. **Species** [881]. **Specific** [1747, 1722, 906, 368]. **Specification** [454, 1326, 634, 639, 161, 708, 1641, 117, 625, 640, 624, 421, 626, 1355, 711, 646, 535, 290, 1071, 1032, 1472, 1047]. **Specifications** [630, 688, 2006, 1792, 628, 709, 644, 1321, 632, 2064, 1048]. **Specified** [650]. **Specify** [816]. **Specifying** [849]. **Spectral** [1114]. **specular** [1017]. **Speech** [490, 996, 354]. **speech/language** [354]. **Speed** [464]. **Speeding** [1948, 2054]. **Speeding-Up** [2054]. **Speeds** [869]. **Spheres** [28]. **SPIN** [643, 702]. **Spinning** [1178]. **Spinning-on-Coherency** [1178]. **Spliced** [1374]. **splines** [986]. **Splitting** [21, 811]. **spoken** [356, 355]. **Spring** [35]. **Spring-Model** [35]. **SQL** [1953]. **Square** [1850]. **Squares** [1931]. **SSA** [825]. **Stability** [1129, 1057, 251, 1047, 1058]. **stabilization** [1037]. **Stable** [1599]. **Stack** [480]. **Standard** [766, 2056, 1305, 587, 721]. **Standardisation** [56]. **Standardized** [488]. **Star** [517]. **Star-Height** [517]. **State** [1390, 882, 1877, 2061, 1867, 2079]. **state-explosion** [2079]. **Statecharts** [1318, 635]. **Statements** [179]. **States** [1753, 1776]. **Static** [821, 823, 767, 583, 2059, 1138, 1794]. **Stations** [480]. **Statistical** [1560, 239, 1012, 1633, 1003, 358, 913, 953]. **Statistics** [240, 361]. **Status** [1438]. **Steady** [882]. **Steady-State** [882]. **Steering** [1166]. **Steiner** [1823]. **Steinitz** [1616]. **Stencil** [386]. **Step** [1082, 1788, 1317, 2020, 1892, 1455, 1497]. **Step-Wise** [1788]. **Steps** [76]. **Stereo** [230, 250, 941, 234, 236, 237, 235, 999, 916]. **STI** [1736, 1714]. **Stochastic** [385, 897, 394, 1874, 714, 1882, 110, 1853, 359, 933, 1010]. **Stochasticity** [512]. **Stokes** [1155, 1152, 431]. **Stop** [780]. **Storage** [1164, 824]. **Store** [166]. **Stored** [504]. **Straight** [1832, 1831]. **Straight-Line** [1831]. **Straightline** [34]. **Strategic** [651, 1722]. **Strategies** [384, 877, 1576, 1176, 502, 859, 1999, 445, 1198, 1915, 797, 1731, 50, 1573, 1777]. **Strategy** [1929, 695, 1758, 1364, 570, 742, 1227, 449, 142]. **Stream** [505, 670, 344]. **Streams** [502, 504]. **Streets** [1990]. **Streett** [695, 1963]. **Strength** [19]. **Strengthened** [337]. **Stressed** [22]. **String** [1363, 1364, 1369, 2077, 1366, 1283]. **Strings** [1390, 1373, 1365, 509]. **Strip** [1158]. **STRIPS** [1281]. **STRIPS-like** [1281]. **Strokes** [1079]. **Strong** [1282, 1203, 1359, 235, 1497]. **Strongest** [1627]. **Strongly** [511, 764]. **Strongly-Typed** [764]. **Structural** [1869, 1127, 245, 1883, 1084, 946]. **Structure** [89, 314, 1327, 272, 1439, 2006, 754, 347, 1300, 1125, 434, 661, 54, 200, 944, 1023, 980, 1024, 964]. **Structured** [155, 1137, 1185, 1448, 1198, 1879, 1585, 223, 1523, 677, 1033]. **Structures**

[454, 1636, 4, 2027, 189, 1345, 798, 1908, 137, 1124, 112, 804, 2066, 817, 539, 2080, 957].
Structuring [814, 1935, 1401, 1415, 1487].
Structurized [1653]. **Student** [1698, 1761, 1755, 1757]. **Studio** [489].
Study [167, 473, 897, 1130, 630, 625, 898, 860, 1824, 1520, 1103, 619, 1443, 813, 1493, 1490, 1394].
Studying [567]. **Sturmian** [2056]. **style** [1282, 781, 2033]. **Stylistic** [273]. **Sub** [1972]. **Sub-quadratic** [1972]. **Subapical** [1347]. **Subclasses** [1342, 1839].
Subdefinite [212]. **Subdivision** [433].
Subdomain [1791]. **Subgraph** [1973, 14, 2044, 1627, 543, 247]. **Subgraphs** [1836, 1966]. **Submodular** [1615].
Subobject [2012]. **Subobject-Based** [2012]. **Subprograms** [393]. **Subroutine** [403]. **Subsampling** [243]. **Subscripts** [187]. **Subset** [72]. **subspace** [948].
Substructure [1851]. **Subsumption** [795].
Subsystem [1945]. **Subtree** [1972].
Subtyping [2002, 596, 2036]. **Success** [61].
Successful [157]. **Successor** [550]. **Suffix** [1371, 1372, 2068, 1843]. **Suitable** [1124].
suite [1042]. **suivi** [1725]. **Super** [185, 612, 1013]. **super-resolution** [1013].
Super-Scalar [185]. **Superconnectivity** [1864]. **Supermodular** [1618]. **Superscalar** [166]. **Superstring** [1370]. **Supervised** [443]. **Supervisory** [130, 1052, 1067, 1062].
Support [731, 701, 1586, 477, 182, 199, 1432, 831, 633, 107, 104, 1427, 1445, 1168, 656, 172, 1732, 1181, 1422, 1205, 822, 1694, 1148, 487, 1443, 1722, 663, 1524, 1515, 1502].
Supporting [2008, 1708, 152, 1529, 709, 826, 1093].
Surface [1077, 1936, 544, 431, 1103, 912, 913, 967, 914, 1017, 928].
surface-reflectance [1017]. **Surfaces** [37, 910, 938, 968]. **Surgical** [1738, 378].
surveillance [992]. **Survey** [1634]. **SWAN** [1077, 54]. **SWIM** [261]. **Swines** [1954].
Switch [483, 471]. **Switched** [754, 1046].
Switching [1570, 1029]. **Syllogisms** [1676].
Symbiotic [886]. **Symbol** [1288].
Symbol-Level [1288]. **Symbolic** [1211, 551, 175, 1200, 100, 1754, 1208, 99, 108, 378, 1050]. **Symbols** [1229, 1298].
Symmetric [1612, 1844, 936]. **Symmetry** [251, 2073]. **Symmetry-Breaking** [2073].
Synchronization [1869, 592, 504, 505, 833, 1052].
Synchronized [1328, 1157, 182].
Synchronous [1870, 774]. **Syndrome** [1255]. **Synergies** [593]. **Symphonics** [281].
syntactic [358]. **Syntax** [826]. **Synteny** [1375]. **Synthesis** [1870, 571, 890, 572, 1777, 1067, 1505, 675, 1062, 959]. **Synthetic** [894, 873]. **System** [266, 1161, 701, 1539, 4, 1899, 1352, 2030, 2019, 1813, 387, 630, 1719, 138, 12, 206, 124, 1299, 322, 1758, 1557, 1139, 659, 1413, 318, 1535, 285, 1173, 1432, 723, 1158, 1401, 1414, 860, 499, 91, 275, 105, 102, 624, 1336, 1881, 130, 1570, 1556, 1520, 230, 1886, 626, 1706, 775, 1575, 1732, 43, 1670, 503, 1118, 121, 632, 1404, 1083, 97, 203, 619, 139, 49, 1304, 781, 92, 95, 2064, 1700, 1091, 888, 54, 1449, 1459, 1471, 1280, 1505, 356, 1036, 366, 1016, 916, 924, 1025, 1045, 1461, 1593, 1679].
System-Theoretic [97]. **systematic** [1501].
systeme [1717]. **systèmes** [1712].
Systemic [285]. **Systems** [1865, 114, 382, 89, 1129, 1551, 1332, 816, 314, 325, 1895, 1350, 1163, 320, 144, 160, 1769, 441, 1766, 1815, 699, 161, 1793, 134, 1215, 1320, 1222, 455, 796, 1697, 550, 1710, 84, 151, 1730, 117, 443, 1657, 1783, 1414, 871, 415, 1724, 580, 1198, 479, 2028, 745, 624, 1760, 1771, 149, 848, 317, 870, 644, 652, 696, 570, 1164, 100, 1746, 448, 656, 194, 1536, 96, 1440, 276, 833, 704, 1780, 1522, 1887, 1533, 1747, 864, 109, 486, 103, 1666, 620, 125, 1347, 90, 1800, 1888, 1862, 710, 1960, 116, 1148, 113, 637, 453, 535, 1818, 94]. **Systems** [1889, 434, 855, 1349, 784, 623, 655, 635, 439, 500, 1093, 1726, 1145, 1955, 1777, 1063, 1042,

1027, 1067, 1488, 1038, 1498, 370, 1055, 1065, 1051, 1034, 1043, 1030, 2079, 1035, 2081, 1036, 1048, 1054, 1056, 1044, 1452, 1047, 1026, 1057, 1476, 1052, 1070, 1486, 1060, 1474, 1062, 1058, 1069, 93, 1068, 1483, 1049, 1033, 1059, 2082, 1061, 1046, 1504, 982, 1031, 1489, 1071].

T [1912, 1283]. **T-string-unification** [1283]. **T3D** [382, 1162]. **T9000** [1171]. **Tâches** [1714]. **Tableau** [2030, 1662, 1272, 1280, 1285]. **Tableaux** [1897, 1273, 1275, 1278, 1270]. **Tables** [1295, 829]. **Tabular** [1916]. **Tackle** [752]. **Take** [891]. **Taking** [2020]. **TALE** [1516]. **Talkin’bout** [1643]. **Tape** [2054]. **target** [952]. **Targets** [1802, 165]. **Task** [1408, 1923, 1231, 1814, 450, 1394, 92, 1480]. **task-based** [1480]. **Tasking** [162, 1790, 1816]. **Tasks** [155, 1432, 1014]. **Taxi** [128]. **Taxonomy** [1655]. **Teach** [1747]. **Teacher** [1734, 1702]. **Teacher-Usable** [1702]. **Teaching** [13, 1709, 1762]. **Teaching/Learning** [1709]. **Teamwork** [158]. **Teamwork/Aria** [158]. **Technical** [1397, 1596, 1657, 286, 1498]. **Technique** [1342, 697, 1605, 317, 2014, 1124, 1491, 371]. **Techniques** [1128, 1073, 135, 1901, 1526, 410, 894, 1288, 809, 1422, 99, 758, 263, 257, 911]. **Technologies** [1690, 1189, 622, 1956, 435, 1188]. **Technology** [143, 101, 193, 1692, 1720, 1556, 1747, 759]. **Telecentric** [1001]. **Telecommunication** [749, 1079]. **Teleconferencing** [494, 227]. **Teleservices** [661]. **Teleshopping** [474]. **Teleteaching** [475]. **Television** [490]. **Template** [670]. **Templates** [243, 581, 1044]. **Tempo** [564]. **Temporal** [1894, 738, 737, 455, 1646, 279, 1516, 1953, 60, 100, 1866, 753, 109, 457, 736, 458, 1472, 1050]. **Temporary** [1664]. **Tenet** [497]. **tense** [374]. **Tension** [1946, 21]. **Tension-Free** [21]. **tensors** [983]. **Term** [1352, 801, 796, 671, 1348, 1349]. **Terminating** [563, 1895]. **Termination** [799, 577, 801, 800, 2032, 778]. **Terminological** [1399, 380]. **Terms** [238, 378, 967]. **Ternary** [541]. **Test** [1163, 1133, 620, 647, 1598, 691, 963]. **Testbed** [1223, 310]. **Testing** [164, 806, 12, 15, 1791, 1792, 1158, 1724, 555, 1789, 1355, 647]. **Tests** [684]. **Text** [1400, 285, 1759, 1399, 269, 1398, 270, 1303, 1588, 1735, 277, 284, 372, 367, 368]. **Texts** [1305, 280, 380]. **Textual** [270]. **Textuality** [284]. **Texture** [921, 930, 943]. **Textures** [263]. **TGEX** [1135]. **Their** [1790, 1246, 696, 241, 1332, 760, 1661, 1018]. **Theorem** [2023, 654, 2029, 1356, 1919, 1502, 1279]. **Theoretic** [326, 102, 1675, 97, 565, 458, 1025, 1483]. **Theoretical** [1313, 231, 1637, 1059]. **Theories** [1911, 1444, 1920, 312]. **Theory** [13, 2038, 879, 636, 1647, 645, 456, 107, 418, 1940, 538, 96, 647, 1774, 1403, 1633, 880, 617, 1221, 1275, 1451, 2081, 607, 93, 1461]. **thermodynamique** [1703]. **Thickness** [32]. **Thickness-Two** [32]. **Thin** [1393]. **Thinning** [1289]. **Third** [668, 477, 68, 1360]. **Third-Order** [1360]. **Thorough** [435]. **Thoughts** [1692]. **Threads** [1201]. **Three** [1416, 910, 398, 22, 1862, 1308]. **Three-Dimensional** [1416, 398]. **Threshold** [1264, 1834, 1844]. **thresholding** [993]. **Throughput** [747]. **Tier** [1658]. **Tiger** [339]. **Tillich** [335]. **Time** [1983, 1852, 529, 144, 160, 2030, 534, 1630, 1902, 161, 134, 199, 2068, 1819, 2078, 1158, 327, 2080, 1078, 224, 30, 1624, 531, 2028, 227, 233, 1604, 696, 419, 1972, 1984, 1662, 247, 449, 704, 220, 1572, 43, 851, 289, 1800, 779, 116, 1619, 1620, 467, 1080, 702, 1151, 292, 1822, 1042, 536, 636, 1044, 996, 1052, 1070, 923, 1059, 655]. **Time-Domain** [1080]. **Time-Variant** [220]. **Timed**

[528, 163, 696, 646, 535, 1051, 1060, 1071].
Timing [1041, 1866, 1284]. **TIPP** [714].
Tissues [1107]. **TLM** [423]. **TM** [643, 165].
Toeplitz [1612]. **Tolerance** [1783, 1210].
Tolerant
[522, 134, 1323, 871, 523, 1798, 637, 888].
Tomography [239]. **TOMSPIN** [110].
Tool [720, 192, 152, 320, 389, 1242, 1142, 13, 14, 1137, 1222, 1723, 1405, 707, 714, 709, 495, 1513, 713, 1519, 582, 1135, 1431, 1533, 1079, 1794, 710, 116, 110, 623, 1042, 1040, 1149].
Tool-Based [1519]. **ToolBus** [837]. **Toolkit** [765, 1728, 587, 311]. **Tools**
[2005, 1411, 117, 683, 111, 894, 1165, 1693, 1701, 1694, 1702, 1423, 1034]. **Top**
[488, 1308, 650]. **Top-Down** [1308, 650].
Topological [1890]. **Topologies** [195].
Topology [1822]. **Torus** [1172].
Torus-Ring-Bus [1172]. **TOSCANA** [49].
Total [1931, 1624, 1619, 613]. **Touching** [10]. **Toupie** [711]. **Trace** [529, 2027].
Traces [1890]. **Tracing** [924, 1112]. **Track** [297]. **Tracking** [931, 932, 1005, 409, 228, 986, 1002, 991, 1007, 933, 996, 1008, 1010].
Trade [224, 979]. **Trade-Offs** [224, 979].
Tradeoffs [1701]. **Traffic** [158, 1113, 901, 1991, 468, 464, 260, 258, 471, 1005, 1035].
Train [645]. **Training**
[1690, 129, 1753, 359, 1724, 1746, 1757, 1751].
Transaction [1090, 161]. **Transactional** [1531]. **Transactions** [757, 1523].
Transducers [1372, 1324, 789]. **Transfer** [1244, 1690, 759]. **Transfinite** [1361].
Transform [221, 926]. **Transformation** [1311, 816, 563, 575, 1320, 573, 578, 761, 652, 1317, 1319, 1331, 565, 808, 562].
Transformational [765, 651].
Transformations
[1260, 1344, 797, 1339, 722, 1319, 94, 574].
Transforms [123]. **Transfusion** [1747].
Transients [382]. **transit** [1060].
Transition
[2038, 1946, 1819, 1876, 2064, 1026].
Transitions [770]. **Transitive**
[1978, 174, 1628]. **Translating**
[598, 153, 728]. **Translation**
[1552, 579, 1550, 646, 356, 371].
Translational [251]. **Translations**
[1324, 1522]. **TransPive** [1214]. **Transport**
[1089, 425, 664, 498, 1098].
Transport-Chemistry [1098].
Transportation [326, 115]. **Transputer**
[385, 434]. **Transputers** [1171]. **Traveling**
[1157, 1620]. **Travelling** [1632, 1384].
Traversals [1950, 1384]. **Treatment**
[1096, 1936, 538]. **Tree** [1552, 384, 536, 1372, 2027, 1324, 2068, 1974, 520, 792, 2048, 1570, 789, 1380, 828, 1982, 1967, 1831, 434, 539, 1379, 1388, 677, 1632, 753]. **Tree-Based**
[536]. **Tree-Like** [2027, 539].
tree-structured [677]. **Trees**
[1979, 1371, 1983, 795, 1899, 1390, 8, 1858, 2067, 18, 1997, 1605, 1975, 1843, 1607, 553, 561, 1380, 828, 363]. **Treewidth**
[1342, 1841]. **Trenches** [761]. **Trends** [507].
Triangular [395]. **Triangularization** [432].
triangulated [914]. **Triangulation** [1986].
Triangulations [38]. **TRICLOPS** [228].
Triconnected [1989, 15]. **Trigger** [95].
Trigger-Graph [95]. **tri-hedral** [918].
triplets [903]. **TROLL** [1520]. **Truly** [770].
Truly-concurrent [770]. **Truncated** [331].
Trunk [483]. **Trusted** [668, 68]. **truth**
[1501]. **TSB** [753]. **TSB-Tree** [753]. **TSP**
[1630]. **TSQL2** [737]. **Tune** [1806]. **Tuning**
[139]. **Tuples** [537]. **Turbulence**
[1109, 428, 1110]. **Turbulent** [1153, 394].
Turn [1759]. **tuteur** [1717]. **Tutor**
[1749, 1754, 1747, 1756]. **Tutorial**
[400, 1748]. **Tutoring**
[1719, 1697, 1705, 1706, 1735, 1763, 1700].
Tutors [1705, 1764]. **Two**
[341, 1387, 1988, 1600, 1191, 1147, 1624, 32, 900, 179, 1659, 1564, 1386, 1237, 1236, 1861, 433, 1359, 1101, 980]. **Two-Dimensional**
[1387, 900, 1386]. **two-frame** [980].
Two-Guarding [1861]. **Two-Level**
[179, 1564]. **Two-Machine** [1624]. **Type**

[1350, 2053, 2001, 2019, 2002, 1609, 201, 1675, 781, 817, 1745]. **Type-2** [2053]. **Type-Safe** [2001]. **Typeable** [1349]. **Typed** [764, 1315, 1880, 2003, 829]. **Types** [454, 527, 1896, 772, 2035, 1802, 1361, 784, 1269]. **Typing** [583].

Ubiquitous [1424]. **Ultrafast** [1126]. **UMTS** [477]. **Unary** [540]. **Unbalanced** [342]. **Unbounded** [1877]. **Unboxing** [772]. **Uncalibrated** [1014, 939, 982]. **Uncertain** [1222, 1935, 1476]. **Uncertainty** [1932, 1936, 1924, 1866, 1922]. **Unconstrained** [872]. **Undecidability** [541]. **Undecidable** [1904, 210]. **Undeniable** [1265]. **Underdiagonal** [790]. **Understanding** [1946, 1200, 1205, 918, 865]. **Undirected** [40]. **Undistorted** [200]. **Unfolding** [689]. **Unfoldings** [1883]. **Unification** [577, 1900, 1526, 1904, 1316, 1276, 1283]. **Unified** [1637, 1638, 538, 93]. **Uniform** [1833, 541, 1585, 1027]. **Uniformly** [816]. **Unifying** [237, 1283]. **Unions** [817]. **Uniqueness** [238]. **Unit** [1738, 1788, 488, 1278]. **Units** [1317, 1319]. **Univariate** [1247]. **Universal** [2, 1958, 552, 1580, 476]. **Unknown** [1547, 1627, 1678]. **Unpointed** [772]. **unpolarized** [1017]. **Unpredictable** [797]. **Unranking** [553]. **Unrolling** [812]. **Unrooted** [1972]. **Unstructured** [1152, 1135]. **Unsupervised** [943, 1565, 242]. **Untyped** [805, 807]. **Update** [2065, 1530, 1094, 730]. **Updates** [1679, 1457]. **Updating** [752, 371]. **UPPAAL** [715, 1042]. **Upper** [557, 2049]. **Upward** [15, 28, 1831]. **Upwind** [1152]. **Urban** [423, 120]. **Usable** [1702]. **Use** [1577, 1314, 724, 2016, 145, 1324, 1721, 1885, 146, 1794, 1080, 884, 1816, 236, 653, 144]. **User** [1551, 2006, 1642, 406, 1711, 495, 1555, 1513, 1715, 652, 447, 1536, 106, 1425, 1668, 1118, 1502]. **User-Adaptive** [447]. **User-Enhanceability** [1536]. **User-Friendly** [652]. **user-independent** [1502]. **User-Interface** [106]. **User-Level** [406]. **Using** [255, 577, 1952, 1113, 128, 1895, 764, 1931, 1400, 1901, 858, 1752, 892, 459, 1171, 575, 1439, 1195, 1157, 283, 1753, 1720, 1185, 1974, 1723, 1792, 1873, 725, 1414, 1223, 1610, 1741, 33, 1878, 377, 1607, 553, 243, 2014, 1520, 1542, 894, 692, 1796, 423, 1664, 1747, 248, 1131, 711, 1800, 367, 121, 1941, 822, 432, 637, 452, 223, 1261, 1443, 178, 663, 435, 581, 574, 298, 982, 480, 354, 1119, 1322, 257, 1751, 943, 906, 932, 643, 1471, 648, 1003, 20, 911, 989, 165, 1044, 948, 1016, 1052, 914, 907, 1072, 978, 1060, 374, 1017, 1585]. **using** [927, 955, 2017, 971, 357, 998, 353, 930, 373]. **utilisation** [1743].

V [159, 173]. **V-cal** [173]. **Validating** [1657, 44]. **Validation** [128, 155, 1527, 752, 1749, 637, 1049]. **Validity** [1473, 723]. **valuation** [1489]. **valuations** [1489]. **Value** [2074, 764, 1918]. **Value-Oblivious** [2074]. **Valued** [763, 1604, 1273]. **Values** [764, 1488]. **Variable** [2025, 502, 1354, 250, 503, 905]. **Variable-Length** [2025]. **Variables** [552]. **Variant** [1197, 220]. **Variants** [1634]. **variation** [378]. **Variational** [219]. **varieties** [1021]. **Various** [1917]. **varying** [965, 1003]. **vascular** [990]. **VAST** [594]. **VBR** [463]. **VDM** [628]. **VDM-SL** [628]. **Vector** [1877, 1293, 1117]. **Vectorization** [1292]. **Vehicle** [260, 258, 1433, 991, 1031]. **vehicles** [1005]. **ventes** [1745]. **Ventricular** [217]. **verb** [379]. **verbs** [374]. **Verifiable** [1242, 1250]. **Verification** [1326, 546, 1411, 697, 693, 1036, 654, 633, 640, 696, 100, 698, 1303, 641, 1867, 631, 655, 1031, 1042, 1032, 2079, 1028, 1060, 954, 1033, 1046, 1071]. **Verification-Based** [1303]. **Verifier** [1246]. **Verify** [1884]. **Verifying** [699, 1873, 1026]. **Version** [735, 398, 337]. **Versus** [1824, 1156]. **Vertex** [1313, 1855, 21, 1629, 1975]. **Very**

[1092, 745]. **vessel** [990]. **Via** [1961, 1507, 910, 1014, 604, 552, 800, 1446, 1124, 775, 1210, 190, 492, 237]. **Video** [469, 215, 216, 502, 463, 669, 499, 214, 262, 503, 492, 1582, 1019]. **View** [1942, 1773, 1809, 752, 262, 286, 249, 263, 932, 1507, 1021, 981, 1504]. **View-Based** [262, 263, 932]. **viewed** [917]. **Viewing** [14]. **Viewpoint** [1540]. **Views** [1539, 727, 25, 725, 1308, 942, 947]. **Violated** [1631]. **Vipar** [1168]. **Virtual** [2007, 1420, 1173, 1720, 1421, 227, 2014, 447, 472, 1216, 195, 1422, 506, 1169, 1763, 1423, 1018]. **Virtual-Space** [227]. **Virus** [1381]. **Visibility** [2, 1985, 1815, 16, 24]. **Visifold** [856]. **Vision** [1228, 218, 231, 214, 233, 230, 213, 223, 234, 236, 1002, 1007, 915, 1008, 916, 1001]. **Visual** [2057, 1739, 856, 124, 938, 1711, 992, 1536, 1423, 631, 261, 238, 961, 1014, 1007, 996, 1010, 994, 982]. **Visualisation** [53]. **Visualization** [11, 1584, 20, 1345, 1168, 54]. **Visualized** [46]. **Visualizer** [51]. **Visualizer/Manipulator** [51]. **Visualizing** [428]. **VLIW** [186]. **Volterra** [885]. **Volume** [544, 431, 433]. **Volumic** [914]. **vs** [906, 1066, 1480, 979, 540]. **VSAT** [478]. **VSE** [633]. **VSM** [406, 1178].

Walking [1990]. **Wang** [518]. **warping** [1007]. **Watching** [215, 992]. **Wave** [1077, 423, 1116, 929]. **Waveguide** [1107]. **Wavelength** [482]. **wavelet** [930]. **Way** [1739, 1336, 1489]. **Weak** [512, 532, 19, 332, 235]. **Weakest** [648]. **Weather** [410]. **Weaving** [858]. **Web** [741, 1719, 858, 1584, 740, 1529, 492, 1188]. **Web-Based** [1188]. **WebJournal** [1584]. **Wedge** [1393]. **Weight** [1858, 1605, 38, 1986, 1984, 344]. **Weighted** [1619]. **Weights** [1834]. **Well** [530]. **Well-Formed** [530]. **Whately** [1655]. **Where** [1810, 1955]. **Which** [869, 1218, 544, 940]. **while** [219]. **Whither**

[1692]. **Wide** [1719, 230, 492, 1453, 1529]. **Width** [543, 520]. **Will** [2000]. **Win** [1310]. **Wind** [425]. **Windows** [36]. **Winning** [695]. **Wise** [1788, 552]. **Within** [1923, 623]. **Without** [618, 561, 828, 1539, 1235, 629, 552, 800, 941]. **Witnessing** [1845]. **Won't** [1571]. **Word** [523]. **Word-Level** [523]. **Words** [1371, 551, 519]. **Work** [1217, 119, 1240, 1744, 1531, 1424, 1450]. **Workbench** [12]. **Workflow** [747, 60, 745, 1960, 59, 746]. **Workstation** [1190]. **Workstations** [388, 1104]. **World** [1420, 1663, 1563, 1669, 291, 1459, 1500, 1453, 1719, 1529, 492]. **world-wide** [1453, 1529]. **Worlds** [297]. **Wormhole** [1824]. **Worst** [531]. **Wrap** [587]. **Write** [1178]. **Write-Invalidate** [1178]. **WULPUS** [1750].

X [1007, 990, 157]. **X-ray** [990]. **X/Motif** [157]. **Xnetvideo** [499].

Z [634, 624, 635]. **Zadeh** [1471]. **Zemor** [335]. **Ziv** [1994]. **zooming** [1000]. **Zuse** [127].

References

Agarwal:1996:QPG

- [1] P. K. Agarwal, B. Aronov, J. Pach, and R. Pollack. Quasi-planar graphs have a linear number of edges. *Lecture Notes in Computer Science*, 1027:1–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alt:1996:UDV

- [2] H. Alt, M. Godau, and S. Whitesides. Universal 3-dimensional visibility representations for graphs. *Lecture Notes in Computer Science*, 1027:8–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benz:1996:KCG

- [3] H. Benz. KGB: A customizable graph browser. *Lecture Notes in Computer Science*, 1027:20–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertault:1996:ADS

- [4] F. Bertault. Adocs: a drawing system for generic combinatorial structures. *Lecture Notes in Computer Science*, 1027:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biedl:1996:NLB

- [5] T. C. Biedl. New lower bounds for orthogonal graph drawings. *Lecture Notes in Computer Science*, 1027:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blythe:1996:EGL

- [6] J. Blythe, C. McGrath, and D. Krackhardt. The effect of graph layout on inference from social network data. *Lecture Notes in Computer Science*, 1027:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bose:1996:DNP

- [7] P. Bose, F. Gomez, P. Ramos, and G. Toussaint. Drawing nice projections of objects in space. *Lecture Notes in Computer Science*, 1027:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bose:1996:OAE

- [8] P. Bose, M. McAllister, and J. Snoeyink. Optimal algorithms to embed trees in a point set. *Lecture Notes in Computer Science*, 1027:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandenburg:1996:ECF

- [9] F. J. Brandenburg, M. Himsolt, and C. Rohrer. An experimental comparison of force-directed and randomized graph drawing algorithms. *Lecture Notes in Computer Science*, 1027:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breu:1996:CRI

- [10] H. Breu and D. G. Kirkpatrick. On the complexity of recognizing intersection and touching graphs of disks. *Lecture Notes in Computer Science*, 1027:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruss:1996:FID

- [11] I. Bruss and A. Frick. Fast interactive 3-D graph visualization. *Lecture Notes in Computer Science*, 1027:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buti:1996:GWS

- [12] L. Buti, G. Di Battista, G. Liotta, and E. Tassinari. GD-Workbench: A system for prototyping and testing graph drawing algorithms. *Lecture Notes in Computer Science*, 1027:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carbonneaux:1996:CGT

- [13] Y. Carbonneaux, J.-M. Laborde, and M. Madani. CABRI-Graph: A tool for research and teaching in graph theory. *Lecture Notes in Computer Science*, 1027:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carpendale:1996:GFE

- [14] M. S. T. Carpendale, D. J. Cowperthwaite, F. D. Fracchia, and T. Shermer. Graph folding: Extending detail and context viewing into a tool for sub-graph comparisons. *Lecture Notes in Computer Science*, 1027:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chandramouli:1996:UNT

- [15] M. Chandramouli and A. A. Diwan. Upward numbering testing for tri-connected graphs. *Lecture Notes in Computer Science*, 1027:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cobos:1996:VRG

- [16] F. J. Cobos, J. C. Dana, F. Hurtado, and A. Marquez. On a visibility representation of graphs. *Lecture Notes in Computer Science*, 1027:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cruz:1996:GDS

- [17] I. F. Cruz and J. P. Twarog. 3D graph drawing with simulated annealing. *Lecture Notes in Computer Science*, 1027:162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Devroye:1996:BBR

- [18] L. Devroye and P. Kruszewski. The botanical beauty of random binary trees. *Lecture Notes in Computer Science*, 1027:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiBattista:1996:SWP

- [19] G. Di Battista, G. Liotta, and S. Whitesides. The strength of weak proximity. *Lecture Notes in Computer Science*, 1027:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dodson:1996:IVU

- [20] D. Dodson. Information visualization using cooperative 3D diagram layout. *Lecture Notes in Computer Science*, 1027:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eades:1996:VST

- [21] P. Eades and C. F. X. De Mendonca. Vertex splitting and tension-free layout. *Lecture Notes in Computer Science*, 1027:202–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eades:1996:DSP

- [22] P. Eades and P. Garvan. Drawing stressed planar graphs in three dimensions. *Lecture Notes in Computer Science*, 1027:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eades:1996:GDC

- [23] P. Eades and J. Marks. Graph-drawing contest report. *Lecture Notes in Computer Science*, 1027:224–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fekete:1996:NRV

- [24] S. P. Fekete, M. E. Houle, and S. Whitesides. New results on a visibility representation of graphs in 3D. *Lecture Notes in Computer Science*, 1027:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Formella:1996:GFV

- [25] A. Formella and J. Keller. Generalized fisheye views of graphs. *Lecture Notes in Computer Science*, 1027:242–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foessmeier:1996:DHD

- [26] U. Foessmeier and M. Kaufmann. Drawing high degree graphs with low bend numbers. *Lecture Notes in Computer Science*, 1027:254–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gropp:1996:DC

- [27] H. Gropp. The drawing of configurations. *Lecture Notes in Computer Science*, 1027:267–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hashemi:1996:UDP

- [28] S. M. Hashemi, A. Kisielewicz, and I. Rival. Upward drawings on planes

and spheres. *Lecture Notes in Computer Science*, 1027:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:GEC

- [29] X. He. Grid embedding of 4-Connected plane graphs. *Lecture Notes in Computer Science*, 1027:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heath:1996:RLP

- [30] L. S. Heath and S. V. Pemmaraju. Recognizing leveled-planar dags in linear time. *Lecture Notes in Computer Science*, 1027:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hlineny:1996:CGC

- [31] P. Hlineny. Contact graphs of curves. *Lecture Notes in Computer Science*, 1027:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hutchinson:1996:RST

- [32] J. P. Hutchinson, T. Shermer, and A. Vince. On representations of some thickness-two graphs. *Lecture Notes in Computer Science*, 1027:324–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ignatowicz:1996:DFD

- [33] J. Ignatowicz. Drawing force-directed graphs using optigraph. *Lecture Notes in Computer Science*, 1027:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juenger:1996:EHA

- [34] M. Juenger and P. Mutzel. Exact and heuristic algorithms for 2-Layer straightline crossing minimization. *Lecture Notes in Computer Science*, 1027:337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamps:1996:CBS

- [35] T. Kamps, J. Klein, and J. Read. Constraint-based spring-model algorithm for graph layout. *Lecture Notes in Computer Science*, 1027:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kikusts:1996:LAG

- [36] P. Kikusts and P. Rucevskis. Layout algorithms of graph-like diagrams for GRADE windows graphic editors. *Lecture Notes in Computer Science*, 1027:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kratochvil:1996:GIB

- [37] J. Kratochvil and T. Przytycka. Grid intersection and box intersection graphs on surfaces. *Lecture Notes in Computer Science*, 1027:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenhart:1996:HDO

- [38] W. Lenhart and G. Liotta. How to draw outerplanar minimum weight triangulations. *Lecture Notes in Computer Science*, 1027:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Madden:1996:PGL

- [39] B. Madden, P. Madden, S. Powers, and M. Himsolt. Portable graph layout and editing. *Lecture Notes in Computer Science*, 1027:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monien:1996:PSA

- [40] B. Monien, F. Ramm, and H. Salmen. A parallel simulated annealing algorithm for generating 3D layouts of undirected graphs. *Lecture Notes in Computer Science*, 1027:396–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

North:1996:ILD

- [41] S. C. North. Incremental layout in DynaDAG. *Lecture Notes in Computer Science*, 1027:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papakostas:1996:IIO

- [42] A. Papakostas and I. G. Tollis. Issues in interactive orthogonal graph drawing. *Lecture Notes in Computer Science*, 1027:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paris:1996:ADC

- [43] G. Paris. Automatic drawing of compound digraphs for a real-time power system simulator. *Lecture Notes in Computer Science*, 1027:431–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Purchase:1996:VGD

- [44] H. C. Purchase, R. F. Cohen, and M. James. Validating graph drawing aesthetics. *Lecture Notes in Computer Science*, 1027:435–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sander:1996:FHH

- [45] G. Sander. A fast heuristic for hierarchical Manhattan layout. *Lecture Notes in Computer Science*, 1027:447–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sander:1996:CVC

- [46] G. Sander, M. Alt, C. Ferdinand, and R. Wilhelm. CLAX — A visualized compiler. *Lecture Notes in Computer Science*, 1027:459–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shahrokhi:1996:CNM

- [47] F. Shahrokhi, O. Sykora, L. A. Szekely, and I. Vrt'o. Crossing numbers of meshes. *Lecture Notes in Computer Science*, 1027:463–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shieh:1996:DGD

- [48] F.-S. Shieh and C. L. McCreary. Directed graphs drawing by clan-based decomposition. *Lecture Notes in Computer Science*, 1027:472–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skorsky:1996:TMS

- [49] M. Skorsky. TOSCANA management system for conceptual data. *Lecture Notes in Computer Science*, 1027:483–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Storey:1996:GLA

- [50] M.-A. D. Storey and H. A. Mueller. Graph layout adjustment strategies. *Lecture Notes in Computer Science*, 1027:487–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sugiyama:1996:GCG

- [51] K. Sugiyama and K. Misue. A generic compound graph visualizer/manipulator: D-ABDUCTOR. *Lecture Notes in Computer Science*, 1027:500–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:GCL

- [52] X. Wang and I. Miyamoto. Generating customized layouts. *Lecture Notes in Computer Science*, 1027:504–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Webber:1996:GGO

- [53] R. Webber and A. Scott. GOVE: Grammar-oriented visualisation environment. *Lecture Notes in Computer Science*, 1027:516–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1996:SDS

- [54] J. Yang, C. A. Shaffer, and L. S. Heath. SWAN: A data structure visualization system. *Lecture Notes in Computer Science*, 1027:520–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adam:1996:ECO

- [55] N. R. Adam and Y. Yesha. Electronic commerce: An overview. *Lecture Notes in Computer Science*, 1028:5–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steel:1996:SFE

- [56] K. Steel. The standardisation of flexible EDI messages. *Lecture Notes in Computer Science*, 1028:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lehmann:1996:MNO

- [57] F. Lehmann. Machine-negotiated, ontology-based EDI (electronic data interchange). *Lecture Notes in Computer Science*, 1028:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitrakas:1996:CIA

- [58] A. Mitrakas. Changes in the interchange agreements. *Lecture Notes in Computer Science*, 1028:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tewari:1996:AEC

- [59] H. Tewari, M. McCourt, and D. O’Mahony. Advanced electronic commerce security in a workflow environment. *Lecture*

Notes in Computer Science, 1028:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haimowitz:1996:TRA

- [60] I. J. Haimowitz, J. Farley, G. S. Fields, and J. Stillman. Temporal reasoning for automated workflow in health care enterprises. *Lecture Notes in Computer Science*, 1028:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laufmann:1996:IMA

- [61] S. Laufmann. The information marketplace: achieving success in commercial applications. *Lecture Notes in Computer Science*, 1028:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caelli:1996:CPF

- [62] W. Caelli. Cryptography: Personal freedom and law enforcement — is it possible to get agreement? *Lecture Notes in Computer Science*, 1029:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ware:1996:PSP

- [63] W. Ware. Privacy and security policy choices in an NII environment. *Lecture Notes in Computer Science*, 1029:20–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caelli:1996:CKE

- [64] W. Caelli. Commercial key escrow: An Australian perspective. *Lecture Notes in Computer Science*, 1029:40–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Orlowski:1996:EGI

- [65] S. Orlowski. Encryption and the global information infrastructure: An Australian perspective. *Lecture Notes in Computer Science*, 1029:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:CEM

- [66] R. Anderson. Crypto in Europe — markets, law and policy. *Lecture Notes in Computer Science*, 1029:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ames:1996:SDM

- [67] M. Ames. Saving dollars makes sense of crypto export controls. *Lecture Notes in Computer Science*, 1029:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jefferies:1996:PAT

- [68] N. Jefferies, C. Mitchell, and M. Walker. A proposed architecture for trusted third party services. *Lecture Notes in Computer Science*, 1029:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:NKE

- [69] J. He and E. Dawson. A new key escrow cryptosystem. *Lecture Notes in Computer Science*, 1029:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:HFR

- [70] J. He and E. Dawson. How to fairly reconstruct a shared secret. *Lecture Notes in Computer Science*, 1029:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:NND

- [71] J. D. Golic. A note on nonuniform decimation of periodic sequences. *Lecture Notes in Computer Science*, 1029:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gustafson:1996:RMR

- [72] H. Gustafson, E. Dawson, and J. D. Golic. Randomness measures related to subset occurrence. *Lecture Notes in Computer Science*, 1029:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millan:1996:LOA

- [73] W. Millan. Low order approximation of cipher functions. *Lecture Notes in Computer Science*, 1029:144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damgaard:1996:MEM

- [74] I. B. Damgaard and L. R. Knudsen. Multiple encryption with minimum key. *Lecture Notes in Computer Science*, 1029:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gysin:1996:OKC

- [75] M. Gysin. A one-key cryptosystem based on a finite nonlinear automa-

ton. *Lecture Notes in Computer Science*, 1029:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:CCC

- [76] J. D. Golic and L. O’Connor. A cryptanalysis of clock-controlled shift registers with multiple steps. *Lecture Notes in Computer Science*, 1029:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:DOF

- [77] J. D. Golic, M. Salmasizadeh, A. Clark, and A. Khodkar. Discrete optimisation and fast correlation attacks. *Lecture Notes in Computer Science*, 1029:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakhtiari:1996:KHF

- [78] S. Bakhtiari, R. Safavi-Naini, and J. Pieprzyk. Keyed hash functions. *Lecture Notes in Computer Science*, 1029:201–214, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hwang:1996:SA

- [79] S.-J. Hwang, C.-C. Chang, and W.-P. Yang. Some active attacks on fast server-aided secret computation protocols for modular exponentiation. *Lecture Notes in Computer Science*, 1029:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laih:1996:CEE

- [80] C.-S. Laih and W.-C. Kuo. Cryptanalysis of the enhanced ElGamal’s signature scheme. *Lecture Notes in Computer Science*, 1029:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:AP

- [81] L. Chen. Access with pseudonyms. *Lecture Notes in Computer Science*, 1029:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:NIA

- [82] K. Chen. A new identification algorithm. *Lecture Notes in Computer Science*, 1029:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchsberger:1996:PKC

- [83] A. Fuchsberger, D. Gollmann, P. Lothian, and K. G. Paterson. Public-key cryptography on smart cards. *Lecture Notes in Computer Science*, 1029:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaskell:1996:ISC

- [84] G. Gaskell and M. Looi. Integrating smart cards into authentication systems. *Lecture Notes in Computer Science*, 1029:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hruby:1996:SCI

- [85] J. Hruby. Smart card with interferometric quantum cryptography de-

vice. *Lecture Notes in Computer Science*, 1029:282–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gollmann:1996:CA

- [86] D. Gollmann. Cryptographic APIs. *Lecture Notes in Computer Science*, 1029:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Russell:1996:FAN

- [87] S. Russell. Foiling active network impersonation attacks made in collusion with an insider. *Lecture Notes in Computer Science*, 1029:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohay:1996:CS

- [88] G. Mohay, H. Morarji, Q. Le-Viet, and L. Munday. The CASS shell. *Lecture Notes in Computer Science*, 1029:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albrecht:1996:SDS

- [89] R. F. Albrecht. On the structure of discrete systems. *Lecture Notes in Computer Science*, 1030:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ratray:1996:IRT

- [90] C. Ratray. Identification and recognition through shape in complex systems. *Lecture Notes in Computer Science*, 1030:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hill:1996:LAS

- [91] G. Hill. A logical approach to system construction. *Lecture Notes in Computer Science*, 1030:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takahara:1996:TMS

- [92] Y. Takahara and X. Chen. Task management system. *Lecture Notes in Computer Science*, 1030:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sato:1996:TUT

- [93] R. Sato. Toward a unified theory of discrete event systems. *Lecture Notes in Computer Science*, 1030:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SuarezAraujo:1996:ITG

- [94] C. P. Suarez Araujo and R. Moreno-Diaz. Intersensorial transformations: General systems description and implications. *Lecture Notes in Computer Science*, 1030:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thurner:1996:PSP

- [95] E. M. Thurner. Proving system properties by means of trigger-graph and Petri nets. *Lecture Notes in Computer Science*, 1030:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Menezes:1996:RMG

- [96] P. B. Menezes, J. F. Costa, and A. Sernadas. Refinement mapping for

general (discrete event) systems theory. *Lecture Notes in Computer Science*, 1030:103–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sierocki:1996:STA

- [97] I. Sierocki. A system-theoretic approach to planning and programming. *Lecture Notes in Computer Science*, 1030:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miro:1996:EFC

- [98] J. Miro and M. Miro-Julia. Equality of functions in CAST. *Lecture Notes in Computer Science*, 1030:129–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodriguez-Millan:1996:BAE

- [99] J. Rodriguez-Millan. Basins of attraction estimation through symbolic graphical computing techniques. *Lecture Notes in Computer Science*, 1030:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larnac:1996:TFV

- [100] M. Larnac, J. Magnier, E. Vandermeulen, and G. Dray. Temporal and functional verification of a symbolic representation of complex systems. *Lecture Notes in Computer Science*, 1030:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brielmann:1996:MDE

- [101] M. Brielmann. Modelling differential equations by basic information technol-

ogy means. *Lecture Notes in Computer Science*, 1030:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapsner:1996:STA

- [102] F. Kapsner. System theoretic aspects of software architectures. *Lecture Notes in Computer Science*, 1030:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parets:1996:LDC

- [103] J. Parets and J. C. Torres. A language for describing complex-evolutive software systems. *Lecture Notes in Computer Science*, 1030:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kocourek:1996:APM

- [104] C. Kocourek. An architecture for process modeling and execution support. *Lecture Notes in Computer Science*, 1030:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahlert:1996:FSG

- [105] S. Kahlert, T. Kruse, and D. Monjau. A formal semantics for a graphical model representation in system design. *Lecture Notes in Computer Science*, 1030:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MeyerzuBexten:1996:UIM

- [106] E. Meyer zu Bexten and C. Moraga. A user-interface for a microsystems high-level simulator. *Lecture Notes in Computer Science*, 1030:228–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joslyn:1996:CED

- [107] C. Joslyn and S. Henderson. CAST extensions to DASME to support generalized information theory. *Lecture Notes in Computer Science*, 1030:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodriguez-Millan:1996:SCA

- [108] J. Rodriguez-Millan and J. Cardillo. Symbolic computing aided design of nonlinear PID controllers. *Lecture Notes in Computer Science*, 1030:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Otero:1996:DES

- [109] R. P. Otero, A. Barreiro, P. Cabalar, and D. Lorenzo. Discrete event simulation in an environment for temporal expert systems. *Lecture Notes in Computer Science*, 1030:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thurner:1996:TTM

- [110] E. M. Thurner and C. Wincheringer. TOMSPIN — A tool for modeling with stochastic Petri nets. *Lecture Notes in Computer Science*, 1030:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacak:1996:HEP

- [111] W. Jacak and S. Dreiseitl. Hybrid evolutionary programming: the tools for CAST. *Lecture Notes in Computer Science*, 1030:289–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Otero:1996:AID

- [112] R. P. Otero, D. Lorenzo, and P. Cabalar. Automatic induction of DEVS structures. *Lecture Notes in Computer Science*, 1030:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schweizer:1996:SEI

- [113] G. Schweizer and M. Voss. Systems engineering and infrastructures for open computer based systems. *Lecture Notes in Computer Science*, 1030:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agsteiner:1996:OOH

- [114] K. Agsteiner, D. Monjau, and S. Schulze. Object-oriented high level modeling of complex systems. *Lecture Notes in Computer Science*, 1030:332–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Praehofer:1996:MOO

- [115] H. Praehofer and F. Pichler. Multifaceted, object oriented modeling in the transportation domain. *Lecture Notes in Computer Science*, 1030:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaffer:1996:EST

- [116] C. Schaffer, R. J. Raschhofer, and A. Simma. EaSy-Sim: A tool environment for the design of complex, real-time systems. *Lecture Notes in Computer Science*, 1030:358–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glaesser:1996:SLS

- [117] U. Glaesser. Systems level specification and modelling of reactive systems: Concepts, methods, and tools. *Lecture Notes in Computer Science*, 1030:375–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamaidi:1996:DBE

- [118] L. Hamaidi, P. Bourseau, G. Muratet, and J. M. Couretas. DEVS-Based endomorphic agents: Control through deliberative and reactive planning. *Lecture Notes in Computer Science*, 1030:386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chroust:1996:SPW

- [119] G. Chroust and W. Jacak. Software processes, work flow and work cell design — separated by a common paradigm? *Lecture Notes in Computer Science*, 1030:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sydow:1996:HPP

- [120] A. Sydow, T. Lux, and R.-P. Schaefer. High-performance parallel computing for analyzing urban air pollution. *Lecture Notes in Computer Science*, 1030:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roszkowska:1996:PAD

- [121] E. Roszkowska. Performance analysis of a dual robot system using a ge-

ometric concurrency model. *Lecture Notes in Computer Science*, 1030:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vysoky:1996:CAR

- [122] P. Vysoky and Z. Pechal. Computer aided rule extraction from examples. *Lecture Notes in Computer Science*, 1030:437–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

QuevedoLosada:1996:CMG

- [123] J. C. Quevedo Losada, O. Bolivar Toledo, and R. Moreno Diaz. Cast methods for generation of non-orthogonal complete transforms. *Lecture Notes in Computer Science*, 1030:447–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Candela:1996:CSA

- [124] S. Candela, C. Garcia, F. Alayon, and J. Muthoz. Cast system approach for visual inspection. *Lecture Notes in Computer Science*, 1030:459–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pichler:1996:FDG

- [125] F. Pichler and J. Scharinger. Finite dimensional generalized Baker dynamical systems for cryptographic applications. *Lecture Notes in Computer Science*, 1030:465–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubois:1996:IAF

- [126] D. M. Dubois. Introduction of the Aristotle's final causation in CAST: Concept and method of incursion and hyperincursion. *Lecture Notes in Computer Science*, 1030:477-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubois:1996:SLC

- [127] D. M. Dubois. A semantic logic for CAST related to zuse, deutsch and McCulloch and pitts computing principles. *Lecture Notes in Computer Science*, 1030:494-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

BarahonadaFonseca:1996:VMA

- [128] J. Barahona da Fonseca. Validation of a model of an AGVs scheduling heuristic using radio-taxi data. *Lecture Notes in Computer Science*, 1030:511-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bustio:1996:TSG

- [129] F. Bustio, P. Corcuera, and E. Mora. Training simulator for Garoña nuclear power plant. *Lecture Notes in Computer Science*, 1030:523-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klempous:1996:SCD

- [130] R. Klempous, B. Lysakowska, and J. Nikodem. Supervisory control and data acquisition system for the gas flow networks. *Lecture Notes in Computer Science*, 1030:530-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaufeler:1996:ASA

- [131] J.-F. Kaufeler. Ada: A sceptical assessment. *Lecture Notes in Computer Science*, 1031:1-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mangold:1996:AAO

- [132] K. Mangold. Ada95 — an approach to overcome the software crisis? *Lecture Notes in Computer Science*, 1031:4-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Richard-Foy:1996:SAE

- [133] M. Richard-Foy. Safe Ada executive: An executive for Ada safety critical applications. *Lecture Notes in Computer Science*, 1031:11-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

David:1996:DFT

- [134] P. David, T. Planche, A. Correge, and J. F. Chane. Developing fault tolerant software in Ada for real-time dependable systems. *Lecture Notes in Computer Science*, 1031:21-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1996:PAS

- [135] R. Brown. The practical application of safety techniques on an Ada based project. *Lecture Notes in Computer Science*, 1031:51-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taurisano:1996:AML

- [136] G. Taurisano. Ada in mixed language applications. *Lecture Notes in*

Computer Science, 1031:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kempe:1996:HDS

- [137] M. Kempe. Heterogeneous data structures and cross-classification of objects with Ada95. *Lecture Notes in Computer Science*, 1031:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bundgaard:1996:ABA

- [138] J. Bundgaard. An ANDF based Ada 95 compiler system. *Lecture Notes in Computer Science*, 1031:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skinderhaug:1996:PTC

- [139] P. I. Skinderhaug and B. Rognes. Performance tuning of a check-out system coded in Ada. *Lecture Notes in Computer Science*, 1031:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monfort:1996:ADB

- [140] J.-N. Monfort and V. Q. Ribal. Ariane 5: Development of the on-board software. *Lecture Notes in Computer Science*, 1031:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laurens:1996:PGC

- [141] A. Laurens. PRONAOs ground control center: First operational Ada application in C.N.E.S. *Lecture Notes in Computer Science*, 1031:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rybin:1996:AGG

- [142] S. Rybin, E. Zueff, and A. Strohmeier. ASIS for GNAT: Goals, problems and implementation strategy. *Lecture Notes in Computer Science*, 1031:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bailes:1996:KAO

- [143] P. A. Bailes, P. Burnim, M. Chapman, and E. Salzman. KBSE and Ada-object and enabling technology. *Lecture Notes in Computer Science*, 1031:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Birus:1996:EAI

- [144] T. Birus, P. Knueven, E. Kuzemchak, and J. Rosenzweig. Extending the Aria 95 initial conditions for pre-laboration for use in real-time systems. *Lecture Notes in Computer Science*, 1031:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davies:1996:UAE

- [145] B. Davies and D. A. Rothwell. The use of Ada for the ENVISAT-1 simulator. *Lecture Notes in Computer Science*, 1031:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Molenmaker:1996:OUN

- [146] K. Molenmaker. Objects at use in nautical simulators. *Lecture Notes in Computer Science*, 1031:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Obermayer:1996:DID

- [147] P. E. Obermayer, G. Schueer, and R. Landwehr. DIS — an interface to distributed interactive simulation. *Lecture Notes in Computer Science*, 1031:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gargaro:1996:PPA

- [148] A. Gargaro, Y. Kermarrec, L. Pautet, and S. Tardieu. PARIS — partitioned Ada for remotely invoked services. *Lecture Notes in Computer Science*, 1031:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kermarrec:1996:PDS

- [149] Y. Kermarrec and L. Pautet. Programming distributed systems with both Ada 95 and PVM. *Lecture Notes in Computer Science*, 1031:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choukair:1996:DOO

- [150] Z. Choukair and Y. Kermarrec. Distributed object oriented programming and interoperability for Ada 95: An OMG/CORBA approach. *Lecture Notes in Computer Science*, 1031:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gerlich:1996:DPS

- [151] R. Gerlich and M. Kerep. Distributed and parallel systems and HOOD 4. *Lecture Notes in Computer Science*, 1031:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Battaglia:1996:RRE

- [152] M. Battaglia and G. Savoia. ReverseNICE: A re-engineering methodology and supporting tool. *Lecture Notes in Computer Science*, 1031:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneeweiss:1996:TSM

- [153] H. Schneeweiss, V. Amiot, and O. Vix. Translating shlaer/mellor object-oriented analysis models into Ada95. *Lecture Notes in Computer Science*, 1031:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simoens:1996:IOO

- [154] R. Simoens. The introduction of an object-oriented analysis/design method and object-oriented metrics in the software development life-cycle. *Lecture Notes in Computer Science*, 1031:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buchs:1996:MVT

- [155] D. Buchs, C. Buffard, and P. Racloz. Modeling and validation of tasks with algebraic structured nets. *Lecture Notes in Computer Science*, 1031:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanden:1996:DCS

- [156] B. I. Sanden. Design of concurrent software based on problem concurrency. *Lecture Notes in Computer Science*, 1031:298–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matthewman:1996:ESE

- [157] A. Matthewman. ECLIPS — A successful experiment combining CCSDS SFDUs, X/motif, HOOD and Ada. *Lecture Notes in Computer Science*, 1031:311–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alapide:1996:ATA

- [158] A. Alapide, S. Candia, M. Cinnella, and S. Quaranta. Applying team-work/Aria and RAISE for developing an air traffic control application. *Lecture Notes in Computer Science*, 1031:331–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Croxford:1996:BTV

- [159] M. Croxford and J. Sutton. Breaking through the V and V bottleneck. *Lecture Notes in Computer Science*, 1031:344–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bossard:1996:PPH

- [160] F. Bossard. Periodic processing in hard real-time systems: Assessment of different design models in Ada. *Lecture Notes in Computer Science*, 1031:355–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cornwell:1996:TSO

- [161] P. Cornwell and A. Wellings. Transaction specification for object-oriented

real-time systems in HRT-HOOD. *Lecture Notes in Computer Science*, 1031:365–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Battini:1996:ESB

- [162] F. Battini, P. L. Mantovani, and M. Mattavelli. Evaluation of a SPARC board equipped with the Ada tasking coprocessor (ATAC). *Lecture Notes in Computer Science*, 1031:379–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoernfot:1996:ATA

- [163] L. Bjoernfot. Ada and timed automata. *Lecture Notes in Computer Science*, 1031:389–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barbey:1996:TAO

- [164] S. Barbey. Testing Ada 95 object-oriented programs. *Lecture Notes in Computer Science*, 1031:406–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heitz:1996:ARR

- [165] M. Heitz. Achieving reusable and reliable client-server code using HOOD[TM] automated code generation for Ada95 and C++ targets. *Lecture Notes in Computer Science*, 1031:419–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodik:1996:ADF

- [166] R. Bodik and R. Gupta. Array data flow analysis for load-store optimizations in superscalar architectures. *Lec-*

ture Notes in Computer Science, 1033:1-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Altman:1996:ESI

- [167] E. R. Altman, G. R. Gao, and R. Govindarajan. An experimental study of an ILP-based exact solution method for software pipelining. *Lecture Notes in Computer Science*, 1033:16-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeDinechin:1996:ISA

- [168] B. D. De Dinechin. Insertion scheduling: An alternative to list scheduling for modulo schedulers. *Lecture Notes in Computer Science*, 1033:31-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Creusillet:1996:IAR

- [169] B. Creusillet and F. Irigoien. Interprocedural array region analyses. *Lecture Notes in Computer Science*, 1033:46-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hall:1996:IAP

- [170] M. W. Hall, B. R. Murphy, S. P. Amarasinghe, and S.-W. Liao. Interprocedural analysis for parallelization. *Lecture Notes in Computer Science*, 1033:61-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:IAD

- [171] L. Choi and P.-C. Yew. Interprocedural array data-flow analysis for cache

coherence. *Lecture Notes in Computer Science*, 1033:81-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1996:IPC

- [172] T. Nguyen, J. Gu, and Z. Li. An interprocedural parallelizing compiler and its support for memory hierarchy research. *Lecture Notes in Computer Science*, 1033:96-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dechering:1996:VCC

- [173] P. F. G. Dechering, J. A. Trescher, J. P. M. De Vreught, and H. J. Sips. V-cal: A calculus for the compilation of data parallel languages. *Lecture Notes in Computer Science*, 1033:111-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelly:1996:TCI

- [174] W. Kelly, W. Pugh, E. Rosser, and T. Shpeisman. Transitive closure of infinite graphs and its applications. *Lecture Notes in Computer Science*, 1033:126-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blume:1996:DDS

- [175] W. Blume and R. Eigenmann. Demand-driven, symbolic range propagation. *Lecture Notes in Computer Science*, 1033:141-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kennedy:1996:OFS

- [176] K. Kennedy, J. Mellor-Crummey, and G. Roth. Optimizing Fortran 90 shift operations on distributed-memory multicomputers. *Lecture Notes in Computer Science*, 1033:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ishizaki:1996:LPA

- [177] K. Ishizaki and H. Komatsu. A loop parallelization algorithm for HPF compilers. *Lecture Notes in Computer Science*, 1033:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thirumalai:1996:FAS

- [178] A. Thirumalai and J. Ramanujam. Fast address sequence generation for data-parallel programs using integer lattices. *Lecture Notes in Computer Science*, 1033:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaushik:1996:CAS

- [179] S. D. Kaushik, C.-H. Huang, and P. Sadayappan. Compiling array statements for efficient execution on distributed-memory machines: Two-level mappings. *Lecture Notes in Computer Science*, 1033:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stichnoth:1996:CBP

- [180] J. M. Stichnoth and T. Gross. A communication backend for parallel language compilers. *Lecture Notes in Computer Science*, 1033:224–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prakash:1996:PSD

- [181] S. Prakash and R. Bagrodia. Parallel simulation of data parallel programs. *Lecture Notes in Computer Science*, 1033:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dietz:1996:PPS

- [182] H. G. Dietz, T. M. Chung, and T. I. Mattox. A parallel processing support library based on synchronized aggregate communication. *Lecture Notes in Computer Science*, 1033:254–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRose:1996:FMI

- [183] L. De Rose, K. Gallivan, E. Gallopoulos, and B. Marsolf. FALCON: A MATLAB interactive restructuring compiler. *Lecture Notes in Computer Science*, 1033:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Novack:1996:SMI

- [184] S. Novack, J. Hummel, and A. Nicolau. A simple mechanism for improving the accuracy and efficiency of instruction-level disambiguation. *Lecture Notes in Computer Science*, 1033:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Appelbe:1996:HBC

- [185] B. Appelbe, S. Doddapaneni, R. Harmon, and P. May. Hoisting branch conditions — improving super-scalar processor performance. *Lecture Notes in Computer Science*, 1033:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radigan:1996:ILC

- [186] J. Radigan, P. Chang, and U. Banerjee. Integer loop code generation for VLIW. *Lecture Notes in Computer Science*, 1033:318–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Midkiff:1996:DAP

- [187] S. P. Midkiff. Dependence analysis in parallel loops with i, k subscripts. *Lecture Notes in Computer Science*, 1033:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palmer:1996:PEN

- [188] D. W. Palmer, J. F. Prins, S. Chatterjee, and R. E. Faith. Piecewise execution of nested data-parallel programs. *Lecture Notes in Computer Science*, 1033:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cierniak:1996:RLS

- [189] M. Cierniak and W. Li. Recovering logical structures of data. *Lecture Notes in Computer Science*, 1033:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sheffler:1996:EDA

- [190] T. J. Sheffler, R. Schreiber, W. Pugh, and J. R. Gilbert. Efficient distribution analysis via graph contraction. *Lecture Notes in Computer Science*, 1033:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palermo:1996:ASD

- [191] D. J. Palermo and P. Banerjee. Automatic selection of dynamic data partitioning schemes for distributed-memory multicomputers. *Lecture Notes in Computer Science*, 1033:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayguade:1996:DRA

- [192] E. Ayguade, J. Garcia, M. Girones, and M. L. Grande. Data redistribution in an automatic data distribution tool. *Lecture Notes in Computer Science*, 1033:407–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheatham:1996:GPO

- [193] T. Cheatham, A. Fahmy, and D. C. Stefanescu. General purpose optimization technology. *Lecture Notes in Computer Science*, 1033:422–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McKinley:1996:CAH

- [194] K. S. McKinley, S. K. Singhai, G. E. Weaver, and C. C. Weems. Compiler architectures for heterogeneous systems. *Lecture Notes in Computer Science*, 1033:434–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Philbin:1996:VTN

- [195] J. Philbin, S. Jagannathan, and R. Mirani. Virtual topologies: A new concurrency abstraction for high-level parallel languages. *Lecture Notes in Computer Science*, 1033:450–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kotlyar:1996:APC

- [196] V. Kotlyar, K. Pingali, and P. Stodghill. Automatic parallelization of the conjugate gradient algorithm. *Lecture Notes in Computer Science*, 1033:480–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bik:1996:ASC

- [197] A. J. C. Bik and H. A. G. Wijshoff. Annotations for a sparse compiler. *Lecture Notes in Computer Science*, 1033:500–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghiya:1996:CAP

- [198] R. Ghiya and L. J. Hendren. Connection analysis: A practical interprocedural heap analysis for C. *Lecture Notes in Computer Science*, 1033:515–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dinda:1996:LRT

- [199] P. A. Dinda, D. R. O’Hallaron, J. Subhlok, and J. A. Webb. Language and run-time support for network parallel computing. *Lecture Notes in Computer Science*, 1033:534–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yelon:1996:AUR

- [200] J. Yelon and L. V. Kale. Agents: An undistorted representation of problem structure. *Lecture Notes in Computer Science*, 1033:551–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plevyak:1996:TDC

- [201] J. Plevyak and A. A. Chien. Type directed cloning for object-oriented programs. *Lecture Notes in Computer Science*, 1033:566–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moreira:1996:PIG

- [202] J. E. Moreira, D. Schouten, and C. Polychronopoulos. The performance impact of granularity control and functional parallelism. *Lecture Notes in Computer Science*, 1033:581–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simonis:1996:ADC

- [203] H. Simonis. Application development with the CHIP system. *Lecture Notes in Computer Science*, 1034:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Afrati:1996:EFO

- [204] F. Afrati, T. Andronikos, and T. G. Kavalieros. On the expressiveness of first-order constraint languages. *Lecture Notes in Computer Science*, 1034:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belussi:1996:GRA

- [205] A. Belussi, E. Bertino, M. Bertolotto, and B. Catania. Generalized relational algebra: Modeling spatial queries in constraint databases. *Lecture Notes in Computer Science*, 1034:40–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Byon:1996:DCD

- [206] J.-H. Byon and P. Z. Revesz. DISCO: A constraint database system with sets. *Lecture Notes in Computer Science*, 1034:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaede:1996:CBQ

- [207] V. Gaede and O. Guenther. Constraint-based query optimization and processing. *Lecture Notes in Computer Science*, 1034:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freeston:1996:AMD

- [208] M. Freeston. The application of multi-dimensional indexing methods to constraints. *Lecture Notes in Computer Science*, 1034:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermosilla:1996:TDS

- [209] L. Hermosilla and G. M. Kuper. Towards the definition of a spatial object-oriented data model with constraints. *Lecture Notes in Computer Science*, 1034:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reinert:1996:ARI

- [210] J. Reinert. Ambiguity for referential integrity is undecidable. *Lecture Notes in Computer Science*, 1034:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:MCC

- [211] M. Wallace, S. Bressan, and T. Le Provost. Magic checking: Constraint checking for database query optimisation. *Lecture Notes in Computer Science*, 1034:148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yakhno:1996:FFS

- [212] T. M. Yakhno, G. B. Cheblakov, and V. Z. Zilberfain. FISSURE: Finder of solutions with subdefinite resources. *Lecture Notes in Computer Science*, 1034:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Picard:1996:DLM

- [213] R. Picard. Digital libraries: Meeting place for low-level and high-level vision. *Lecture Notes in Computer Science*, 1035:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1996:CVN

- [214] T. S. Huang and R. Lopez. Computer vision in next generation image and video coding. *Lecture Notes in Computer Science*, 1035:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bobick:1996:VAC

- [215] A. Bobick. Video annotation: Computers watching video. *Lecture Notes in Computer Science*, 1035:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bolle:1996:VR

- [216] R. Bolle, Y. Aloimonos, and C. Fer-
mueller. Video representations. *Lec-
ture Notes in Computer Science*, 1035:
33-??, 1996. CODEN LNCSD9. ISSN
0302-9743 (print), 1611-3349 (elec-
tronic).

Liao:1996:ALV

- [217] W.-H. Liao, S. J. Aggarwal, and J. K.
Aggarwal. Analysis of left ventricular
motion. *Lecture Notes in Computer
Science*, 1035:43-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

Chien:1996:ACV

- [218] C.-H. Chien. Applications of com-
puter vision in space robotics. *Lecture
Notes in Computer Science*, 1035:59-
??, 1996. CODEN LNCSD9. ISSN
0302-9743 (print), 1611-3349 (elec-
tronic).

Deriche:1996:OFE

- [219] R. Deriche, P. Kornprobst, and
G. Aubert. Optical-flow estimation
while preserving its discontinuities: A
variational approach. *Lecture Notes in
Computer Science*, 1035:71-??, 1996.
CODEN LNCSD9. ISSN 0302-9743
(print), 1611-3349 (electronic).

Nagel:1996:STV

- [220] H.-H. Nagel, A. Gehrke, M. Haag, and
M. Otte. Space-and time-variant es-
timation approaches and the segmen-
tation of the resulting optical flow
fields. *Lecture Notes in Computer
Science*, 1035:81-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

Bober:1996:CHT

- [221] M. Bober and J. Kittler. Combining
the Hough transform and multiresolu-
tion MRF's for the robust motion es-
timation. *Lecture Notes in Computer
Science*, 1035:91-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

Odobez:1996:DMB

- [222] J.-M. Odobez and P. Bouthemy. Di-
rect model-based image motion seg-
mentation for dynamic scene analy-
sis. *Lecture Notes in Computer Sci-
ence*, 1035:101-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

Shah:1996:MSE

- [223] S. Shah and J. K. Aggarwal. Modeling
structured environments using robot
vision. *Lecture Notes in Computer
Science*, 1035:113-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

He:1996:DTO

- [224] Z. He and M. L. Liou. Design trade-offs
for real-time block matching motion es-
timation algorithms. *Lecture Notes in
Computer Science*, 1035:129-??, 1996.
CODEN LNCSD9. ISSN 0302-9743
(print), 1611-3349 (electronic).

Ahuja:1996:PMM

- [225] N. Ahuja and R. Charan. Pixel match-
ing and motion segmentation in image
sequences. *Lecture Notes in Computer
Science*, 1035:139-??, 1996. CODEN
LNCSD9. ISSN 0302-9743 (print),
1611-3349 (electronic).

Lee:1996:MPR

- [226] C.-H. Lee. On the motion problem of a rigid planar patch and its invariance. *Lecture Notes in Computer Science*, 1035:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kishino:1996:VST

- [227] F. Kishino, K. Ebihara, and J. Ohya. Virtual-space teleconferencing — real-time detection and reproduction of 3D face and body images. *Lecture Notes in Computer Science*, 1035:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wavering:1996:HPT

- [228] A. Wavering, H. Schneiderman, and J. C. Fiala. High-performance tracking with TRICLOPS. *Lecture Notes in Computer Science*, 1035:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eklundh:1996:DAO

- [229] J.-O. Eklundh, T. Uhlin, P. Nordlund, and A. Maki. Developing an active observer. *Lecture Notes in Computer Science*, 1035:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuniyoshi:1996:ASV

- [230] Y. Kuniyoshi, N. Kita, S. Rougeaux, and T. Suehiro. Active stereo vision system with foveated wide angle lenses. *Lecture Notes in Computer Science*, 1035:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christensen:1996:CTA

- [231] H. I. Christensen, J. Horstmann, and T. Rasmussen. A control theoretical approach to active vision. *Lecture Notes in Computer Science*, 1035:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sato:1996:ARR

- [232] Y. Sato. Active rangefinding and recognition with cubicscope. *Lecture Notes in Computer Science*, 1035:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitchen:1996:RTV

- [233] L. Kitchen, T.-K. Cheng, and Z.-Q. Liu. Real-time vision is not frame-rate image analysis. *Lecture Notes in Computer Science*, 1035:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:AVB

- [234] C. Wang, Z. Hu, and S. D. Ma. Active vision based stereo vision. *Lecture Notes in Computer Science*, 1035:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:MSR

- [235] Z. Zhang. Motion of a stereo rig: Strong weak and self calibration. *Lecture Notes in Computer Science*, 1035:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xie:1996:CSV

- [236] M. Xie and L. Y. Liu. Color stereo vision: Use of appearance constraint and epipolar geometry for feature matching. *Lecture Notes in Computer Science*, 1035:255–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xu:1996:USM

- [237] G. Xu. Unifying stereo, motion and object recognition via epipolar geometry. *Lecture Notes in Computer Science*, 1035:265–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zheng:1996:CVM

- [238] J.-Y. Zheng. Constructing a visual memory in terms of uniqueness. *Lecture Notes in Computer Science*, 1035:275–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hudson:1996:SMA

- [239] M. Hudson. Statistical models and algorithms for tomography. *Lecture Notes in Computer Science*, 1035:289–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mardia:1996:SSI

- [240] K. V. Mardia. Shape statistics and image analysis. *Lecture Notes in Computer Science*, 1035:297–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:CMC

- [241] J.-S. Wang. Cluster Monte Carlo algorithms and their applications. *Lecture Notes in Computer Science*, 1035:307–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Won:1996:GSM

- [242] C. S. Won. Gibbs sampler and maximum likelihood estimation for unsupervised image segmentations. *Lecture Notes in Computer Science*, 1035:319–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kluge:1996:LBD

- [243] K. Kluge and S. Lakshmanan. Lane boundary detection using deformable templates: Effects of image subsampling on detected lane edge. *Lecture Notes in Computer Science*, 1035:329–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pelillo:1996:CFR

- [244] M. Pelillo. Clique finding relaxation labeling networks. *Lecture Notes in Computer Science*, 1035:343–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hancock:1996:RSM

- [245] E. R. Hancock and R. C. Wilson. Rectifying structural matching errors. *Lecture Notes in Computer Science*, 1035:353–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:PDR

- [246] S. Z. Li. Parallel distributed relaxation labeling. *Lecture Notes in Computer Science*, 1035:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Messmer:1996:SID

- [247] B. T. Messmer and H. Bunke. Subgraph isomorphism detection in polynomial time on preprocessed model graphs. *Lecture Notes in Computer Science*, 1035:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papachristou:1996:LPU

- [248] P. Papachristou, M. Petrou, and J. Kittler. Line postprocessing using probabilistic relaxation and relative measurements. *Lecture Notes in Computer Science*, 1035:383–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shashua:1996:MVG

- [249] A. Shashua. Multiple-view geometry and photometry. *Lecture Notes in Computer Science*, 1035:395–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pollefeys:1996:ERS

- [250] M. Pollefeys, L. Van Gool, and T. Moons. Euclidean 3D reconstruction from stereo sequences with variable focal lengths. *Lecture Notes in Computer Science*, 1035:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:CSI

- [251] J. Liu, E. Walker, and J. Mundy. Characterizing the stability of 3D invariants derived from 3D translational symmetry. *Lecture Notes in Computer Science*, 1035:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mundy:1996:MAO

- [252] J. Mundy, R. Curwen, J. Liu, and C. Rothwell. MORSE: An architecture for 3D object recognition based on invariants. *Lecture Notes in Computer Science*, 1035:425–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poggio:1996:FHF

- [253] T. Poggio and K.-K. Sung. Finding human faces with a Gaussian mixture distribution-based face model. *Lecture Notes in Computer Science*, 1035:437–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breuel:1996:HR

- [254] T. M. Breuel. Handwriting recognition. *Lecture Notes in Computer Science*, 1035:447–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ando:1996:ORU

- [255] H. Ando. 3D object recognition using bidirectional modular networks. *Lecture Notes in Computer Science*, 1035:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hild:1996:REM

- [256] M. Hild and Y. Shirai. A region extension method for natural outdoor scene interpretation. *Lecture Notes in Computer Science*, 1035:479–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yin:1996:IPT

- [257] J. H. Yin, S. A. Velastin, and A. C. Davies. Image processing techniques for crowd density estimation using a reference image. *Lecture Notes in Computer Science*, 1035:489–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomanek:1996:ARV

- [258] F. Thomanek and E. D. Dickmanns. Autonomous road vehicle guidance in normal traffic. *Lecture Notes in Computer Science*, 1035:499–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nagel:1996:EIS

- [259] H.-H. Nagel and H. Kollnig. Evaluation of image sequences from outdoor scenes: Selected problems and solutions. *Lecture Notes in Computer Science*, 1035:509–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tan:1996:VLD

- [260] T. N. Tan, G. D. Sullivan, and K. Baker. Vehicle localisation and discrimination in outdoor traffic scene. *Lecture Notes in Computer Science*, 1035:519–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:SPE

- [261] H.-J. Zhang. SWIM: A prototype environment for visual media retrieval. *Lecture Notes in Computer Science*, 1035:531–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:VSI

- [262] J. C. M. Lee, W. Xiong, D. G. Shen, and R. H. Ma. Video segment indexing through classification and interactive view-based query. *Lecture Notes in Computer Science*, 1035:541–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Swain:1996:VBT

- [263] M. J. Swain, C. H. Frankel, and M. Lu. View-based techniques for searching for objects and textures. *Lecture Notes in Computer Science*, 1035:551–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klauck:1996:GGB

- [264] C. Klauck. Graph grammar based object recognition for image retrieval. *Lecture Notes in Computer Science*, 1035:561–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santini:1996:SM

- [265] S. Santini and R. Jain. Similarity matching. *Lecture Notes in Computer Science*, 1035:571–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amano:1996:DIA

- [266] T. Amano, K. Toyokawa, T. Mano, and S. Toriyama. A document image analysis and recognition system for Japanese family registration. *Lecture Notes in Computer Science*, 1035:583–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breuel:1996:AHR

- [267] T. M. Breuel. Applying handwriting recognition to US census forms. *Lecture Notes in Computer Science*, 1035:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeSmedt:1996:ANL

- [268] K. De Smedt, H. Horacek, and M. Zock. Architectures for natural language generation: Problems and perspectives. *Lecture Notes in Computer Science*, 1036:17–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knott:1996:CSC

- [269] A. Knott and R. Dale. Choosing a set of coherence relations for text generation: A data-driven approach. *Lecture Notes in Computer Science*, 1036:47–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maier:1996:TRP

- [270] E. Maier. Textual relations as part of multiple links between text segments. *Lecture Notes in Computer Science*, 1036:68–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dalianis:1996:ANL

- [271] H. Dalianis and E. Hovy. Aggregation in natural language generation. *Lecture Notes in Computer Science*, 1036:88–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daradoumis:1996:TRR

- [272] T. Daradoumis. Towards a representation of the rhetorical structure of interrupted exchanges. *Lecture Notes in Computer Science*, 1036:106–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Green:1996:SDM

- [273] S. J. Green and C. DiMarco. Stylistic decision-making in natural language generation. *Lecture Notes in Computer Science*, 1036:125–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haller:1996:IID

- [274] S. M. Haller and S. C. Shapiro. IDP — an interactive discourse planner. *Lecture Notes in Computer Science*, 1036:144–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jokinen:1996:RAC

- [275] K. Jokinen. Reasoning about coherent and cooperative system responses. *Lecture Notes in Computer Science*, 1036:168–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moeller:1996:DRF

- [276] J.-U. Moeller. Domain related focus-shifting constraints in dialogues with knowledge based systems. *Lecture Notes in Computer Science*, 1036:188–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pascual:1996:ITF

- [277] E. Pascual. Integrating text formatting and text generation. *Lecture Notes in Computer Science*, 1036:205–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stede:1996:LOM

- [278] M. Stede. Lexical options in multilingual generation from a knowledge base. *Lecture Notes in Computer Science*, 1036:222–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gagnon:1996:PGE

- [279] M. Gagnon and G. Lapalme. Pretexte: A generator for the expression of temporal information. *Lecture Notes in Computer Science*, 1036:238–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kosseim:1996:GGL

- [280] L. Kosseim, A. Tutin, R. Kittredge, and G. Lapalme. Generating grammatical and lexical anaphora in assembly instructional texts. *Lecture Notes in Computer Science*, 1036:260–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abb:1996:IGE

- [281] B. Abb, C. Guenther, M. Herweg, and K. Lebeth. Incremental grammatical encoding — an outline of the synphonics formulator. *Lecture Notes in Computer Science*, 1036:277–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haruno:1996:CBS

- [282] M. Haruno, Y. Den, and Y. Matsumoto. A chart-based semantic head driven generation algorithm. *Lecture Notes in Computer Science*, 1036:300–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dik:1996:GSU

- [283] S. C. Dik and P. Kahrel. Generating sentences using ProfGlot. *Lecture Notes in Computer Science*, 1036:314–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teich:1996:MTS

- [284] E. Teich, L. Degand, and J. Bateman. Multilingual textuality: Some experiences from multilingual text generation. *Lecture Notes in Computer Science*, 1036:331–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degand:1996:DCM

- [285] L. Degand. A Dutch component for a multilingual systemic text generation system. *Lecture Notes in Computer Science*, 1036:350–??, ????. 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mellish:1996:NLG

- [286] C. Mellish, E. Reiter, and J. Levine. Natural language generation applications to technical documentation: A view through Idas. *Lecture Notes in Computer Science*, 1036:368–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krogh:1996:RA

- [287] C. Krogh. The rights of agents. *Lecture Notes in Computer Science*, 1037:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLinder:1996:FMA

- [288] B. Van Linder, W. Van der Hoek, and J.-J. C. Meyer. Formalising motivational attitudes of agents: On preferences, goals, and commitments. *Lecture Notes in Computer Science*, 1037:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rao:1996:DPP

- [289] A. S. Rao. Decision procedures for propositional linear-time belief-desire-intention logics. *Lecture Notes in Computer Science*, 1037:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Singh:1996:SCS

- [290] M. P. Singh. Semantical considerations on some primitives for agent specification. *Lecture Notes in Computer Science*, 1037:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Traverso:1996:RAA

- [291] P. Traverso, L. Spalazzi, and F. Giunchiglia. Reasoning about acting, sensing, and failure handling: A logic for agents embedded in the real world. *Lecture Notes in Computer Science*, 1037:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wooldridge:1996:TKC

- [292] M. Wooldridge. Time, knowledge, and choice. *Lecture Notes in Computer Science*, 1037:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hexmoor:1996:LR

- [293] H. H. Hexmoor. Learning routines. *Lecture Notes in Computer Science*, 1037:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chu-Carroll:1996:CDR

- [294] J. Chu-Carroll and S. Carberry. Conflict detection and resolution in collaborative planning. *Lecture Notes in Computer Science*, 1037:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bicchieri:1996:GSP

- [295] C. Bicchieri, E. Ephrati, and A. Antonelli. Games servers play: A procedural approach. *Lecture Notes in Computer Science*, 1037:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gmytrasiewicz:1996:RAO

- [296] P. J. Gmytrasiewicz. On reasoning about other agents. *Lecture Notes in Computer Science*, 1037:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tambe:1996:AAT

- [297] M. Tambe and P. S. Rosenbloom. Architectures for agents that track other agents in multi-agent worlds. *Lecture Notes in Computer Science*, 1037:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vidal:1996:URA

- [298] J. M. Vidal and E. H. Durfee. Using recursive agent models effectively. *Lecture Notes in Computer Science*, 1037:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonasso:1996:EAI

- [299] R. P. Bonasso, D. Kortenkamp, D. P. Miller, and M. Slack. Experiences with an architecture for intelligent, reactive agents. *Lecture Notes in Computer Science*, 1037:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1996:PBA

- [300] K. Fischer, J. P. Mueller, and M. Pischel. A pragmatic BDI architecture. *Lecture Notes in Computer Science*, 1037:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Norman:1996:AIM

- [301] T. J. Norman and D. Long. Alarms: An implementation of motivated agency. *Lecture Notes in Computer Science*, 1037:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barbuceanu:1996:AAB

- [302] M. Barbuceanu and M. S. Fox. The architecture of an agent building shell. *Lecture Notes in Computer Science*, 1037:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iglesias:1996:MGP

- [303] C. A. Iglesias, J. C. Gonzalez, and J. R. Velasco. MIX: A general purpose multi-agent architecture. *Lecture Notes in Computer Science*, 1037:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arcand:1996:CBM

- [304] J.-F. Arcand and S.-J. Pelletier. Cognition based multi-agent architecture. *Lecture Notes in Computer Science*, 1037:267–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mullen:1996:SID

- [305] T. Mullen and M. P. Wellman. Some issues in the design of market-oriented agents. *Lecture Notes in Computer Science*, 1037:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beysade:1996:CLA

- [306] C. Beysade, P. Enjalbert, and C. Lefevre. Cooperating logical agents. *Lecture Notes in Computer Science*, 1037:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giroux:1996:ORA

- [307] S. Giroux. Open reflective agents. *Lecture Notes in Computer Science*, 1037:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lesperance:1996:FLA

- [308] Y. Lesperance, H. J. Levesque, F. Lin, and D. Marcu. Foundations of a logical approach to agent programming. *Lecture Notes in Computer Science*, 1037:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mayfield:1996:EKA

- [309] J. Mayfield, Y. Labrou, and T. Finin. Evaluation of KQML as an agent communication language. *Lecture Notes in Computer Science*, 1037:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malheiro:1996:CCM

- [310] B. Malheiro and E. Oliveira. Consistency and context management in a multi-agent belief revision testbed. *Lecture Notes in Computer Science*, 1037:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sloman:1996:SAT

- [311] A. Sloman and R. Poli. SIM AGENT: A toolkit for exploring agent designs. *Lecture Notes in Computer Science*, 1037:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wooldridge:1996:ATA

- [312] M. Wooldridge, J. P. Mueller, and M. Tambe. Agent theories, architectures, and languages: A bibliography. *Lecture Notes in Computer Science*, 1037:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1996:IRBa

- [313] F. Giunchiglia and E. Giunchiglia. Ideal and real belief about belief: Some intuitions. *Lecture Notes in Computer Science*, 1038:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aube:1996:ECO

- [314] M. Aube and A. Senteni. Emotions as commitments operators: A foundation for control structure in multi-agents systems. *Lecture Notes in Computer Science*, 1038:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wagner:1996:LOM

- [315] G. Wagner. A logical and operational model of scalable knowledge and perception-based agents. *Lecture Notes in Computer Science*, 1038:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rao:1996:ABA

- [316] A. S. Rao. AgentSpeak(L): BDI agents speak out in a logical computable language. *Lecture Notes in Computer Science*, 1038:42–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kinny:1996:MMT

- [317] D. Kinny, M. Georgeff, and A. Rao. A methodology and modelling technique for systems of BDI agents. *Lecture Notes in Computer Science*, 1038:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DInverno:1996:FCN

- [318] M. D’Inverno and M. Luck. Formalising the contract net as a goal-directed system. *Lecture Notes in Computer Science*, 1038:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ElFallahSeghrouchni:1996:CAM

- [319] A. El Fallah Seghrouchni and S. Hadad. A coordination algorithm for multi-agent planning. *Lecture Notes in Computer Science*, 1038:86–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belakhdar:1996:MAT

- [320] O. Belakhdar and J. Ayel. Modelling approach and tool for designing protocols for automated cooperation in multi-agent systems. *Lecture Notes in Computer Science*, 1038:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gu:1996:ASB

- [321] C. Gu and T. Ishida. Analyzing the social behavior of contract net protocol. *Lecture Notes in Computer Science*, 1038:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cesta:1996:EDI

- [322] A. Cesta, M. Miceli, and P. Rizzo. Effects of different interaction attitudes on a multi-agent system performance. *Lecture Notes in Computer Science*, 1038:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Numaoka:1996:BEA

- [323] C. Numaoka. Bacterial evolution algorithm for rapid adaptation. *Lecture Notes in Computer Science*, 1038:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohira:1996:DIC

- [324] T. Ohira, R. Sawatari, and M. Tokoro. Distributed interaction with computation. *Lecture Notes in Computer Science*, 1038:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeijs:1996:SAM

- [325] C. Baeijs, Y. Demazeau, and L. Alvares. SIGMA: Application of multi-agent systems to cartographic generalization. *Lecture Notes in Computer Science*, 1038:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1996:DTM

- [326] K. Fischer and J. Mueller. A decision-theoretic model for cooperative transportation scheduling. *Lecture Notes in Computer Science*, 1038:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guessoum:1996:RTA

- [327] Z. Guessoum and M. Dojat. A real-time agent model in an asynchronous-object environment. *Lecture Notes in Computer Science*, 1038:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klusch:1996:CFA

- [328] M. Klusch and O. Shehory. Coalition formation among rational information agents. *Lecture Notes in Computer Science*, 1038:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lanzola:1996:CAI

- [329] G. Lanzola, S. Falasconi, and M. Stefanelli. Cooperating agents implementing distributed patient management. *Lecture Notes in Computer Science*, 1038:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lai:1996:AHH

- [330] X. Lai and R. A. Rueppel. Attacks on the HKM/HFX cryptosystem. *Lecture Notes in Computer Science*, 1039:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knudsen:1996:TDS

- [331] L. R. Knudsen and T. A. Berson. Truncated differentials of SAFER. *Lecture Notes in Computer Science*, 1039:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vaudenay:1996:WKB

- [332] S. Vaudenay. On the weak keys of blowfish. *Lecture Notes in Computer Science*, 1039:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blaze:1996:HBE

- [333] M. Blaze. High-bandwidth encryption with low-bandwidth smartcards. *Lecture Notes in Computer Science*, 1039:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jenkins:1996:I

- [334] R. J. Jenkins. ISAAC. *Lecture Notes in Computer Science*, 1039:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geiselmann:1996:NHF

- [335] W. Geiselmann. A note on the hash function of Tillich and Zemor. *Lecture Notes in Computer Science*, 1039:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobbertin:1996:CM

- [336] H. Dobbertin. Cryptanalysis of MD4. *Lecture Notes in Computer Science*, 1039:53–69, 1996. CODEN LNCSD9.

ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobbertin:1996:RSV

- [337] H. Dobbertin, A. Bosselaers, and B. Preneel. RIPEMD-160: A strengthened version of RIPEMD. *Lecture Notes in Computer Science*, 1039:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nyberg:1996:FAH

- [338] K. Nyberg. Fast accumulated hashing. *Lecture Notes in Computer Science*, 1039:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:TFN

- [339] Ross Anderson and Eli Biham. Tiger: A fast new hash function. *Lecture Notes in Computer Science*, 1039:89–97, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://www.springerlink.com/link.asp?id=fx0261047446n136>; <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=1039&spage=89>; http://www.springerlink.com/openurl.asp?genre=article&id=10.1007/3-540-60865-6_46.

Rijmen:1996:CS

- [340] V. Rijmen, J. Daemen, B. Preneel, and A. Bosselaers. The cipher shark. *Lecture Notes in Computer Science*, 1039:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:TPP

- [341] R. Anderson and E. Biham. Two practical and provably secure block ciphers: Bear and lion. *Lecture Notes in Computer Science*, 1039:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneier:1996:UFN

- [342] B. Schneier and J. Kelsey. Unbalanced Feistel networks and block cipher design. *Lecture Notes in Computer Science*, 1039:121–144, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://www.counterpane.com/unbalanced_feistel.html.

Clark:1996:CFC

- [343] A. Clark, J. D. Golic, and E. Dawson. A comparison of fast correlation attacks. *Lecture Notes in Computer Science*, 1039:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Penzhorn:1996:CAS

- [344] W. T. Penzhorn. Correlation attacks on stream ciphers: Computing low-weight parity checks based on error-correcting codes. *Lecture Notes in Computer Science*, 1039:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:SNF

- [345] J. D. Golic. On the security of nonlinear filter generators. *Lecture Notes in Computer Science*, 1039:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucks:1996:FLR

- [346] S. Lucks. Faster Luby-Rackoff ciphers. *Lecture Notes in Computer Science*, 1039:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsui:1996:NSB

- [347] M. Matsui. New structure of block ciphers with provable security against differential and linear cryptanalysis. *Lecture Notes in Computer Science*, 1039:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wermter:1996:LAN

- [348] S. Wermter, E. Riloff, and G. Scheler. Learning approaches for natural language processing. *Lecture Notes in Computer Science*, 1040:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharkey:1996:SLR

- [349] N. E. Sharkey and A. J. C. Sharkey. Separating learning and representation. *Lecture Notes in Computer Science*, 1040:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lawrence:1996:NLG

- [350] S. Lawrence, S. Fong, and C. L. Giles. Natural language grammatical inference: a comparison of recurrent neural networks and machine learning methods. *Lecture Notes in Computer Science*, 1040:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hayward:1996:ERG

- [351] R. Hayward, A. Tickle, and J. Diederich. Extracting rules for grammar recognition from Cascade-2 networks. *Lecture Notes in Computer Science*, 1040:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scheler:1996:GEP

- [352] G. Scheler. Generating English plural determiners from semantic representations: a neural network learning approach. *Lecture Notes in Computer Science*, 1040:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winiwarter:1996:KAC

- [353] W. Winiwarter, E. Schweighofer, and D. Merkl. Knowledge acquisition in concept and document spaces by using self-organizing neural networks. *Lecture Notes in Computer Science*, 1040:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber:1996:UHC

- [354] V. Weber and S. Wermter. Using hybrid connectionist learning for speech/language analysis. *Lecture Notes in Computer Science*, 1040:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:CSA

- [355] G. Lee and J.-H. Lee. A connectionist/symbolic architecture of spoken Korean processing. *Lecture Notes in Computer Science*, 1040:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geutner:1996:IDL

- [356] P. Geutner, B. Suhm, F.-D. Buoe, and T. Kemp. Integrating different learning approaches into a multilingual spoken language translation system. *Lecture Notes in Computer Science*, 1040:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:LLU

- [357] T. C. Smith and I. H. Witten. Learning language using genetic algorithms. *Lecture Notes in Computer Science*, 1040:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ersan:1996:SSD

- [358] M. Ersan and E. Charniak. A statistical syntactic disambiguation program and what it learns. *Lecture Notes in Computer Science*, 1040:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hogehout:1996:TSG

- [359] W. R. Hogehout and Y. Matsumoto. Training stochastic grammars on semantical categories. *Lecture Notes in Computer Science*, 1040:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fong:1996:LRP

- [360] E. W. Fong and D. Wu. Learning restricted probabilistic link grammars. *Lecture Notes in Computer Science*, 1040:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Franz:1996:LPA

- [361] A. Franz. Learning PP attachment from corpus statistics. *Lecture Notes in Computer Science*, 1040:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruenwald:1996:MDL

- [362] P. Gruenwald. A minimum description length approach to grammar inference. *Lecture Notes in Computer Science*, 1040:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mast:1996:ACD

- [363] M. Mast, H. Niemann, E. Noeth, and E. G. Schukat-Talamazzini. Automatic classification of dialog acts with semantic classification trees and polygrams. *Lecture Notes in Computer Science*, 1040:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelson:1996:SSN

- [364] S. P. Engelson and I. Dagan. Sample selection in natural language learning. *Lecture Notes in Computer Science*, 1040:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huffman:1996:LIE

- [365] S. B. Huffman. Learning information extraction patterns from examples. *Lecture Notes in Computer Science*, 1040:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hastings:1996:IAL

- [366] P. M. Hastings. Implications of an automatic lexical acquisition system. *Lecture Notes in Computer Science*, 1040:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Riloff:1996:ULE

- [367] E. Riloff. Using learned extraction patterns for text classification. *Lecture Notes in Computer Science*, 1040:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soderland:1996:IIL

- [368] S. Soderland, D. Fisher, J. Aseltine, and W. Lehnert. Issues in inductive learning of domain-specific text extraction rules. *Lecture Notes in Computer Science*, 1040:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aone:1996:AML

- [369] C. Aone and S. W. Bennett. Applying machine learning to anaphora resolution. *Lecture Notes in Computer Science*, 1040:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cardie:1996:EML

- [370] C. Cardie. Embedded machine learning systems for natural language processing: a general framework. *Lecture Notes in Computer Science*, 1040:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamazaki:1996:AUH

- [371] T. Yamazaki, M. J. Pazzani, and C. Merz. Acquiring and updating hierarchical knowledge for machine translation based on a clustering technique. *Lecture Notes in Computer Science*, 1040:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moulinier:1996:AEM

- [372] I. Moulinier and J.-G. Ganascia. Applying an existing machine learning algorithm to text categorization. *Lecture Notes in Computer Science*, 1040:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zelle:1996:CRU

- [373] J. M. Zelle and R. J. Mooney. Comparative results on using inductive logic programming for corpus-based parser construction. *Lecture Notes in Computer Science*, 1040:355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mooney:1996:LPT

- [374] R. J. Mooney and M. E. Califf. Learning the past tense of English verbs using inductive logic programming. *Lecture Notes in Computer Science*, 1040:370–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Federici:1996:DAP

- [375] S. Federici, V. Pirrelli, and F. Yvon. A dynamic approach to paradigm-driven analogy. *Lecture Notes in Computer Science*, 1040:385–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Osborne:1996:CPH

- [376] M. Osborne. Can punctuation help learning? *Lecture Notes in Computer Science*, 1040:399–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joshi:1996:UPC

- [377] A. K. Joshi and B. Srinivas. Using parsed corpora for circumventing parsing. *Lecture Notes in Computer Science*, 1040:413–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacquemin:1996:SSA

- [378] C. Jacquemin. A symbolic and surgical acquisition of terms through variation. *Lecture Notes in Computer Science*, 1040:425–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaneda:1996:RLA

- [379] S. Kaneda, H. Almuallim, Y. Akiba, and M. Ishii. A revision learner to acquire verb selection rules from human-made rules and examples. *Lecture Notes in Computer Science*, 1040:439–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hahn:1996:LTT

- [380] U. Hahn, M. Klenner, and K. Schnattinger. Learning from texts — a terminological metareasoning perspective. *Lecture Notes in Computer Science*, 1040:453–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agarwal:1996:HPM

- [381] R. C. Agarwal, F. G. Gustavson, S. M. Balle, and M. Joshi. A high performance matrix multiplication algorithm for MPPs. *Lecture Notes in Computer Science*, 1041:1–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ala:1996:IMM

- [382] G. Ala, E. Francomano, and A. Tortorici. Iterative moment method for electromagnetic transients in grounding systems on CRAY T3D. *Lecture Notes in Computer Science*, 1041:9–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersen:1996:ACS

- [383] B. S. Andersen and N. J. Soerensen. Analysis of crystalline solids by means of a parallel FEM method. *Lecture Notes in Computer Science*, 1041:17–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antonuccio-Delogu:1996:PST

- [384] V. Antonuccio-Delogu, U. Becciani, and F. Magugliani. Parallelization strategies for tree N -body codes. *Lecture Notes in Computer Science*, 1041:24–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Artemiev:1996:NSS

- [385] S. S. Artemiev, S. A. Gusev, and O. G. Monakhov. Numerical solution of stochastic differential equations on

Transputer network. *Lecture Notes in Computer Science*, 1041:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourbonnais:1996:DSC

- [386] R. Bourbonnais. Development of a stencil compiler for one-dimensional convolution operators on the CM-5. *Lecture Notes in Computer Science*, 1041:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brezany:1996:APA

- [387] P. Brezany, V. Sipkova, B. Chapman, and R. Greimel. Automatic parallelization of the AVL FIRE benchmark for a distributed-memory system. *Lecture Notes in Computer Science*, 1041:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:DCA

- [388] M. Bubak. 2-D cellular automata and short range molecular dynamics programs for simulations on networked workstations and parallel computers. *Lecture Notes in Computer Science*, 1041:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:PBP

- [389] M. Bubak, W. Funika, J. Moscinski, and D. Tasak. Pablo-Based performance monitoring tool for PVM applications. *Lecture Notes in Computer Science*, 1041:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:LAC

- [390] M. Bubak, W. Owczarz, and J. Wasniewski. Linear algebra computation on parallel machines. *Lecture Notes in Computer Science*, 1041:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casinelli:1996:NCR

- [391] T. Casinelli, M. La Manna, and A. Starita. A neural classifier for radar images. *Lecture Notes in Computer Science*, 1041:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:SPL

- [392] J. Choi, J. Demmel, I. Dhillon, J. Dongarra, S. Ostrouchov, A. Petitet, K. Stanley, D. Walker, and R. C. Whaley. ScaLAPACK: A portable linear algebra library for distributed memory computers — design issues and performance. *Lecture Notes in Computer Science*, 1041:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:PSP

- [393] Jaeyoung Choi, J. Dongarra, S. Ostrouchov, A. Petitet, D. Walker, and R. C. Whaley. A proposal for a set of parallel basic linear algebra subprograms. *Lecture Notes in Computer Science*, 1041:107–114, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crone:1996:PIL

- [394] L. G. C. Crone, H. Van Dop, and W. Lourens. Parallel implementation of a Lagrangian stochastic particle model for turbulent dispersion in

fluids. *Lecture Notes in Computer Science*, 1041:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dackland:1996:RRM

- [395] K. Dackland and B. Kaagstroem. Reduction of a regular matrix pair (A, B) to block Hessenberg triangular form. *Lecture Notes in Computer Science*, 1041:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiMartino:1996:PAN

- [396] B. Di Martino. Parallelization of algorithms for neural networks. *Lecture Notes in Computer Science*, 1041:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiMartino:1996:PPB

- [397] B. Di Martino, N. Mazzocca, and S. Russo. Paradigms for the parallelization of branch and bound algorithms. *Lecture Notes in Computer Science*, 1041:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dimov:1996:TDV

- [398] I. Dimov, K. Georgiev, J. Wasniewski, and Z. Zlatev. Three-dimensional version of the Danish Eulerian model. *Lecture Notes in Computer Science*, 1041:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:PFI

- [399] J. J. Dongarra, J. Du Croz, S. Hammarling, and J. Wasniewski. A pro-

posal for a Fortran 90 interface for LAPACK. *Lecture Notes in Computer Science*, 1041:158–165, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:ST

- [400] J. Dongarra and A. Petitet. ScaLAPACK tutorial. *Lecture Notes in Computer Science*, 1041:166–176, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fet:1996:HPC

- [401] Y. I. Fet and A. P. Vazhenin. Highly parallel concentrated heterogeneous computing. *Lecture Notes in Computer Science*, 1041:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Field:1996:APP

- [402] M. R. Field. Adaptive polynomial preconditioners for the conjugate gradient algorithm. *Lecture Notes in Computer Science*, 1041:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Filippone:1996:IPE

- [403] S. Filippone. The IBM parallel engineering and scientific subroutine library. *Lecture Notes in Computer Science*, 1041:199–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Filippone:1996:SPE

- [404] S. Filippone and C. Vittoli. Some preliminary experiences with sparse BLAS in parallel iterative solvers. *Lecture Notes in Computer Science*, 1041:207–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Fontdecaba:1996:LBN

- [405] E. Fontdecaba, A. Gonzalez, and J. Labarta. Load balancing in a network flow optimization code. *Lecture Notes in Computer Science*, 1041:214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ford:1996:ULV

- [406] R. W. Ford, A. P. Nisbet, and J. M. Bull. User-level VSM optimization and its Application. *Lecture Notes in Computer Science*, 1041:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Getov:1996:BCM

- [407] V. Getov. Benchmarking the cache memory effect. *Lecture Notes in Computer Science*, 1041:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gimenez:1996:EJA

- [408] D. Gimenez, V. Hernandez, and A. M. Vidal. Efficient Jacobi algorithms on multicomputers. *Lecture Notes in Computer Science*, 1041:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glimm:1996:FTP

- [409] J. Glimm, J. Grove, X. L. Li, and R. Young. Front tracking: A parallelized approach for internal boundaries and interfaces. *Lecture Notes in Computer Science*, 1041:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldman:1996:PGT

- [410] V. V. Goldman and G. Cats. Program generation techniques for the development and maintenance of numerical weather forecast grid models. *Lecture Notes in Computer Science*, 1041:267–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guest:1996:HPC

- [411] M. F. Guest, E. Apra, D. E. Bernholdt, and H. A. Fruechtl. High performance computational chemistry: NWChem and fully distributed parallel applications. *Lecture Notes in Computer Science*, 1041:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hammer:1996:PIM

- [412] B. Hammer and O. H. Nielsen. Parallel ab-initio molecular dynamics. *Lecture Notes in Computer Science*, 1041:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hegarty:1996:DDD

- [413] D. F. Hegarty, M. T. Kechadi, and K. A. Dawson. Dynamic domain decomposition and load balancing for parallel simulations of long-chained molecules. *Lecture Notes in Computer Science*, 1041:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holz:1996:CFA

- [414] H. J. Holz and M. H. Loew. Concurrency in feature analysis. *Lecture*

Notes in Computer Science, 1041:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:PIS

- [415] D. Hu, F. Lou, and A. Sameh. A parallel iterative solver for almost block-diagonal linear systems. *Lecture Notes in Computer Science*, 1041:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaagstroem:1996:DGM

- [416] B. Kaagstroem and M. Raennar. Distributed general matrix multiply and add for a 2D mesh processor network. *Lecture Notes in Computer Science*, 1041:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitowski:1996:DPC

- [417] J. Kitowski. Distributed and parallel computing of short-range molecular dynamics. *Lecture Notes in Computer Science*, 1041:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krasnitz:1996:LFT

- [418] A. Krasnitz. Lattice field theory in a parallel environment. *Lecture Notes in Computer Science*, 1041:352–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lagana:1996:PTI

- [419] A. Lagana, S. Crocchianti, G. O. De Aspuru, and R. Gargano. Parallel time independent quantum calculations of atom diatom reactivity. *Lecture Notes in Computer Science*, 1041:361–??,

1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1996:POR

- [420] J. Larsen, L. Frellesen, J. Jansson, and F. If. Parallel oil reservoir simulation. *Lecture Notes in Computer Science*, 1041:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lazaro:1996:FSM

- [421] J. A. G. Lazaro. Formal specification of multicomputers. *Lecture Notes in Computer Science*, 1041:380–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lomdahl:1996:MMP

- [422] P. S. Lomdahl and D. M. Beazley. Multi-million particle molecular dynamics on MPPs. *Lecture Notes in Computer Science*, 1041:391–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luthi:1996:WPU

- [423] P. O. Luthi, B. Chopard, and J. F. Wengen. Wave propagation in urban microcells: a massively parallel approach using the TLM method. *Lecture Notes in Computer Science*, 1041:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McDonald:1996:NNP

- [424] K. McDonald. The NAG numerical PVM library. *Lecture Notes in Computer Science*, 1041:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Masselot:1996:CAM

- [425] W. A. Masselot and B. Chopard. Cellular automata modeling of snow transport by wind. *Lecture Notes in Computer Science*, 1041:429–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monakhov:1996:PAM

- [426] O. G. Monakhov. Parallel algorithm for mapping parallel program into pyramidal multiprocessor. *Lecture Notes in Computer Science*, 1041:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1996:DPM

- [427] O. H. Nielsen. Data-parallel molecular dynamics with neighbor-lists. *Lecture Notes in Computer Science*, 1041:443–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nordlund:1996:VAM

- [428] A. Nordlund, K. Galsgaard, and R. F. Stein. Visualizing astrophysical 3D MHD turbulence. *Lecture Notes in Computer Science*, 1041:450–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ostromsky:1996:PSQ

- [429] T. Ostromsky, P. C. Hansen, and Z. Zlatev. A parallel sparse QR-Factorization algorithm. *Lecture Notes in Computer Science*, 1041:462–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinar:1996:DLP

- [430] A. Pinar, U. V. Catalyuerek, C. Aykanat, and M. Pinar. Decomposing linear programs for parallel solution. *Lecture Notes in Computer Science*, 1041:473–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sabeur:1996:PCN

- [431] Z. A. Sabeur. A parallel computation of the Navier–Stokes equation for the simulation of free surface flows with the volume of fluid method. *Lecture Notes in Computer Science*, 1041:483–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanchez:1996:IPP

- [432] J. L. Sanchez, J. M. Garcia, and J. Fernandez. Improving the performance of parallel triangularization of a sparse matrix using a reconfigurable multi-computer. *Lecture Notes in Computer Science*, 1041:493–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tanin:1996:CTI

- [433] E. Tanin, T. M. Kurc, C. Aykanat, and B. Oezguc. Comparison of two image-space subdivision algorithms for direct volume rendering on distributed-memory multicomputers. *Lecture Notes in Computer Science*, 1041:503–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tingleff:1996:CHT

- [434] O. Tingleff. Communication harnesses for Transputer systems with tree struc-

ture and cube structure. *Lecture Notes in Computer Science*, 1041:513–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valasek:1996:TIP

- [435] P. Valasek and R. Hetzel. A thorough investigation of the projector quantum Monte Carlo method using MPP technologies. *Lecture Notes in Computer Science*, 1041:524–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wcislo:1996:DSS

- [436] R. Wcislo, J. Kitowski, and J. Moscinski. Distributed simulation of a set of elastic macro objects. *Lecture Notes in Computer Science*, 1041:534–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamasaki:1996:PIM

- [437] T. Yamasaki. Parallelization of ab initio molecular dynamics method. *Lecture Notes in Computer Science*, 1041:540–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zlatev:1996:PCL

- [438] Z. Zlatev, I. Dimov, K. Georgiev, and J. Wasniewski. Parallel computations with large atmospheric models. *Lecture Notes in Computer Science*, 1041:550–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weiss:1996:ALM

- [439] G. Weiss. Adaptation and learning in multi-agent systems: Some remarks and a bibliography. *Lecture Notes*

in Computer Science, 1042:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Byrne:1996:RAG

- [440] C. Byrne and P. Edwards. Refinement in agent groups. *Lecture Notes in Computer Science*, 1042:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carmel:1996:OMM

- [441] D. Carmel and S. Markovitch. Opponent modeling in multi-agent systems. *Lecture Notes in Computer Science*, 1042:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glicoes:1996:MAE

- [442] L. Glicoes, R. Staats, and M. Huhns. A multi-agent environment for department of defense distribution. *Lecture Notes in Computer Science*, 1042:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldman:1996:MSL

- [443] C. V. Goldman and J. S. Rosenschein. Mutually supervised learning in multiagent systems. *Lecture Notes in Computer Science*, 1042:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gu:1996:FDR

- [444] P. Gu and A. B. Maddox. A framework for distributed reinforcement learning. *Lecture Notes in Computer Science*, 1042:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haynes:1996:EBS

- [445] T. Haynes and S. Sen. Evolving behavioral strategies in predators and prey. *Lecture Notes in Computer Science*, 1042:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joshi:1996:LL

- [446] A. Joshi. To learn or not to learn. *Lecture Notes in Computer Science*, 1042:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenzmann:1996:UAI

- [447] B. Lenzmann and I. Wachsmuth. A user-adaptive interface agency for interaction with a virtual environment. *Lecture Notes in Computer Science*, 1042:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mataric:1996:LMR

- [448] M. J. Mataric. Learning in multi-robot systems. *Lecture Notes in Computer Science*, 1042:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mor:1996:LYO

- [449] Y. Mor, C. V. Goldman, and J. S. Rosenschein. Learn your opponent’s strategy (in polynomial time)! *Lecture Notes in Computer Science*, 1042:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohko:1996:LRC

- [450] T. Ohko, K. Hiraki, and Y. Anzai. Learning to reduce communication cost on task negotiation among multiple autonomous mobile robots. *Lecture Notes in Computer Science*, 1042:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandholm:1996:MQL

- [451] T. W. Sandholm and R. H. Crites. On multiagent Q-learning in a semi-competitive domain. *Lecture Notes in Computer Science*, 1042:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sen:1996:URA

- [452] S. Sen and M. Sekaran. Using reciprocity to adapt to others. *Lecture Notes in Computer Science*, 1042:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sen:1996:MCL

- [453] S. Sen and M. Sekaran. Multiagent coordination with learning classifier systems. *Lecture Notes in Computer Science*, 1042:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abramsky:1996:SSP

- [454] S. Abramsky, S. Gay, and R. Nagarajan. Specification structures and propositions-as-types for concurrency. *Lecture Notes in Computer Science*, 1043:5–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emerson:1996:ATR

- [455] E. A. Emerson. Automated temporal reasoning about reactive systems. *Lecture Notes in Computer Science*, 1043:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirshfeld:1996:DRA

- [456] Y. Hirshfeld and F. Moller. Decidability results in automata and process theory. *Lecture Notes in Computer Science*, 1043:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stirling:1996:MTL

- [457] C. Stirling. Modal and temporal logics for processes. *Lecture Notes in Computer Science*, 1043:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vardi:1996:ATA

- [458] M. Y. Vardi. An automata-theoretic approach to linear temporal logic. *Lecture Notes in Computer Science*, 1043:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crochat:1996:PSM

- [459] O. Crochat, J.-Y. Le Boudec, and T. Przygienda. A path selection method in ATM using pre-computation. *Lecture Notes in Computer Science*, 1044:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Struyve:1996:DED

- [460] K. Struyve, P. Demeester, L. Nederlof, and L. Van Hauwermeiren. Design and evaluation of distributed link and path restoration algorithms for ATM meshed networks. *Lecture Notes in Computer Science*, 1044:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gauthier:1996:SEC

- [461] E. Gauthier and J.-Y. Le Boudec. Scalability enhancements for connection-oriented networks. *Lecture Notes in Computer Science*, 1044:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golestani:1996:FQA

- [462] S. J. Golestani. Fair queueing algorithms for packet scheduling in BISDN. *Lecture Notes in Computer Science*, 1044:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamdi:1996:BBB

- [463] M. Hamdi and J. W. Roberts. Burstiness bounds based multiplexing schemes for VBR video connections in the B-ISDN. *Lecture Notes in Computer Science*, 1044:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ryu:1996:ISS

- [464] B. K. Ryu. Implications of self-similarity for providing end-to-end QOS guarantees in high-speed networks: A framework of application level traffic modeling. *Lecture Notes in Computer Science*, 1044:65–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:MCC

- [465] H. Mueller. Multimedia call control: A centralized approach. *Lecture Notes in Computer Science*, 1044:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmann:1996:GCL

- [466] M. Hofmann. A generic concept for large-scale multicast. *Lecture Notes in Computer Science*, 1044:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stock:1996:PFE

- [467] T. Stock and X. Garcia. On the potentials of forward error correction mechanisms applied to real-time services carried over B-ISDN. *Lecture Notes in Computer Science*, 1044:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robert:1996:CSS

- [468] S. Robert and J.-Y. Le Boudec. Can self-similar traffic be modeled by Markovian processes? *Lecture Notes in Computer Science*, 1044:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blefari-Melazzi:1996:MAM

- [469] N. Blefari-Melazzi. Modeling and analysis of MPEG video sources for performance evaluation of broadband integrated networks. *Lecture Notes in Computer Science*, 1044:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martini:1996:SDP

- [470] P. Martini and J. Ottensmeyer. On the scalability of the demand-priority LAN — A performance comparison to FDDI for multimedia scenarios. *Lecture Notes in Computer Science*, 1044:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsang:1996:FSA

- [471] D. H. K. Tsang, W. K. F. Wong, S. M. Jiang, and E. Y. S. Liu. A fast switch algorithm for ABR traffic to achieve max-min fairness. *Lecture Notes in Computer Science*, 1044:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitra:1996:VPD

- [472] D. Mitra and I. Ziedins. Virtual partitioning by dynamic priorities: Fair and efficient resource-sharing by several services. *Lecture Notes in Computer Science*, 1044:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anastasi:1996:PSL

- [473] G. Anastasi, M. La Porta, and L. Lenzini. A performance study of the local fairness algorithm for MetaRing MAC protocol. *Lecture Notes in Computer Science*, 1044:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Felix:1996:EMT

- [474] D. Felix, E. Paolillo, F. Mercalli, and Y.-S. Wu. Experiences with multimedia teleshopping applications over a broadband network — the project

ESSAI. *Lecture Notes in Computer Science*, 1044:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Znaty:1996:MMT

- [475] S. Znaty, T. Walter, M. Brunner, and J.-P. Hubaux. Multimedia multipoint teleteaching over the European ATM pilot. *Lecture Notes in Computer Science*, 1044:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winkler:1996:USP

- [476] C. M. Winkler. A universal scaling principle for ATM based connectionless servers. *Lecture Notes in Computer Science*, 1044:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeVriendt:1996:UMS

- [477] J. De Vriendt, L. Vercauteren, K. Georgokitsos, and A. Saidi. The UMTS mobility server: a solution to support third generation mobility in ATM. *Lecture Notes in Computer Science*, 1044:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hadjitheodosiou:1996:VSN

- [478] M. H. Hadjitheodosiou. VSAT satellite networks providing ATM service. *Lecture Notes in Computer Science*, 1044:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jang:1996:PCC

- [479] Y. M. Jang, A. Ganz, and J. F. Hayes. Predictive congestion control for broad-

band satellite systems. *Lecture Notes in Computer Science*, 1044:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vvedenskaya:1996:SFP

- [480] N. D. Vvedenskaya and J. P. M. G. Linnartz. Single-frequency packet network using stack algorithm and multiple base stations. *Lecture Notes in Computer Science*, 1044:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Solana:1996:BAR

- [481] J. I. Solana, J. Marino, and R. Caravantes. Broadband access in RECIBA B-ISDN experimental platform. *Lecture Notes in Computer Science*, 1044:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zirngibl:1996:LWD

- [482] M. Zirngibl, C. H. Joyner, C. R. Dorr, and L. W. Stulz. LARNet, a wavelength division multiplexed network for broadband local access. *Lecture Notes in Computer Science*, 1044:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aryal:1996:DLA

- [483] S. Aryal and J. S. Meditch. Design of a large ATM switch with trunk grouping. *Lecture Notes in Computer Science*, 1044:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vogt:1996:EEP

- [484] R. Vogt and U. Killat. End-to-end performance evaluation of datagram acceptance control in DQDB-ATM-DQDB CL network. *Lecture Notes in Computer Science*, 1044:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolarov:1996:CER

- [485] A. Kolarov and G. Ramamurthy. Comparison of explicit rate and explicit forward congestion indication flow control schemes for ABR service. *Lecture Notes in Computer Science*, 1044:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ott:1996:HIS

- [486] M. Ott, D. Reininger, G. Michelitsch, and V. Bansal. Heidi-II: A software architecture for ATM network based distributed multimedia systems. *Lecture Notes in Computer Science*, 1045:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:MAS

- [487] J. D. Smith and K. Takahashi. Multimedia architecture to support requirements analysis. *Lecture Notes in Computer Science*, 1045:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofrichter:1996:MSP

- [488] K. Hofrichter. MHEG 5 — standardized presentation objects for the set top unit environment. *Lecture Notes in Computer Science*, 1045:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heumann:1996:GSO

- [489] B. Heumann, T. Leidig, and P. Roesch. GLASS-Studio: An open authoring environment for distributed multimedia applications. *Lecture Notes in Computer Science*, 1045:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeVries:1996:TIF

- [490] A. P. De Vries. Television information filtering through speech recognition. *Lecture Notes in Computer Science*, 1045:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vazirgiannis:1996:EAR

- [491] M. Vazirgiannis and T. Sellis. Event and action representation and composition for multimedia application scenario modelling. *Lecture Notes in Computer Science*, 1045:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1996:IVR

- [492] K. H. Wolf, K. Froitzheim, and M. Weber. Interactive video and remote control via the World Wide Web. *Lecture Notes in Computer Science*, 1045:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reimann:1996:RD

- [493] K. Reimann and D. Rueffler. Radio on demand. *Lecture Notes in Computer Science*, 1045:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Georgiannakis:1996:DIT

- [494] G. Y. Georgiannakis, P. E. Trahanias, C. Nikolaou, and S. C. Orphanoudakis. Design of an immersive teleconferencing application. *Lecture Notes in Computer Science*, 1045:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hinsch:1996:SCU

- [495] E. Hinsch, A. Jaegemann, L. Wang, and I. C. Roper. The secure conferencing user agent: A tool to provide secure conferencing with Mbone multimedia conferencing applications. *Lecture Notes in Computer Science*, 1045:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulzrinne:1996:PMM

- [496] H. Schulzrinne. Personal mobility for multimedia services in the Internet. *Lecture Notes in Computer Science*, 1045:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oppliger:1996:SAT

- [497] R. Oppliger, A. Gupta, M. Moran, and R. Bettati. A security architecture for tenet scheme 2. *Lecture Notes in Computer Science*, 1045:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mathy:1996:FAM

- [498] L. Mathy. Features of the ACCOPI multimedia transport service. *Lecture Notes in Computer Science*, 1045:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hess:1996:VCM

- [499] R. Hess, T. Hutschenreuther, and A. Schill. Video communication and media scaling system “xnetvideo”: Design and implementation. *Lecture Notes in Computer Science*, 1045:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werner:1996:SMR

- [500] J. Werner and L. C. Wolf. Scheduling mechanisms reducing contention situations in multimedia systems. *Lecture Notes in Computer Science*, 1045:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yeadon:1996:QFA

- [501] N. Yeadon, A. Mauthe, D. Hutchison, and F. Garcia. QoS filters: Addressing the heterogeneity gap. *Lecture Notes in Computer Science*, 1045:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dengler:1996:DAC

- [502] J. Dengler, C. Bernhardt, and E. Bier-sack. Deterministic admission control strategies in video servers with variable bit rate streams. *Lecture Notes in Computer Science*, 1045:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rautenberg:1996:CSI

- [503] M. Rautenberg and H. Rzehak. A control system for an interactive video on demand server handling variable data rates. *Lecture Notes in Computer Science*, 1045:265–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geyer:1996:SSS

- [504] W. Geyer, C. Bernhardt, and E. Bier-sack. A synchronization scheme for stored multimedia streams. *Lecture Notes in Computer Science*, 1045:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (elec-tronic).

Helbig:1996:ADS

- [505] T. Helbig and K. Rothermel. An ar-chitecture for a distributed stream syn-chronization service. *Lecture Notes in Computer Science*, 1045:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seidel:1996:CVC

- [506] C. Seidel. COMENIUS — the virtual classroom. *Lecture Notes in Computer Science*, 1045:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brassard:1996:NTQ

- [507] G. Brassard. New trends in quantum computing. *Lecture Notes in Computer Science*, 1046:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buhrman:1996:CRB

- [508] H. Buhrman and L. Longpre. Com-pressibility and resource bounded mea-sure. *Lecture Notes in Computer Science*, 1046:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kummer:1996:CRS

- [509] M. Kummer. On the complexity of random strings. *Lecture Notes in Computer Science*, 1046:25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harju:1996:RGP

- [510] T. Harju, J. Karhumaeki, and D. Krob. Remarks on generalized post corre-spondence problem. *Lecture Notes in Computer Science*, 1046:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beal:1996:CLS

- [511] M.-P. Beal, O. Carton, and C. Reute-nauer. Cyclic languages and strongly cyclic languages. *Lecture Notes in Computer Science*, 1046:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambos-Spies:1996:RBB

- [512] K. Ambos-Spies, E. Mayordomo, Y. Wang, and X. Zheng. Resource-bounded balanced genericity, stochas-ticity and weak randomness. *Lecture Notes in Computer Science*, 1046:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (elec-tronic).

Buhrman:1996:CGC

- [513] H. Buhrman and T. Thierauf. The complexity of generating and checking proofs of membership. *Lecture Notes in Computer Science*, 1046:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lutz:1996:OML

- [514] J. H. Lutz. Observations on measures and lowness for cap deltaP2. *Lecture Notes in Computer Science*, 1046:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arvind:1996:SBB

- [515] V. Arvind and N. V. Vinodchandran. Solvable black-box group problems are low for PP. *Lecture Notes in Computer Science*, 1046:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beaudry:1996:LRF

- [516] M. Beaudry. Languages recognized by finite aperiodic groupoids. *Lecture Notes in Computer Science*, 1046:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bassino:1996:SHR

- [517] F. Bassino. Star-height of an IN-Rational series. *Lecture Notes in Computer Science*, 1046:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Culik:1996:ASW

- [518] K. Culik and J. Kari. An aperiodic set of Wang cubes. *Lecture Notes in Computer Science*, 1046:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melancon:1996:LFI

- [519] G. Melancon. Lyndon factorization of infinite words. *Lecture Notes in Computer Science*, 1046:147–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heun:1996:EGB

- [520] V. Heun and E. W. Mayr. Embedding graphs with bounded tree width into optimal hypercubes. *Lecture Notes in Computer Science*, 1046:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Morvan:1996:PCG

- [521] M. Morvan and L. Viennot. Parallel comparability graph recognition and modular decomposition. *Lecture Notes in Computer Science*, 1046:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berenbrink:1996:FTS

- [522] P. Berenbrink, F. Meyer Auf Der Heide, and V. Stemann. Fault-tolerant shared memory simulations. *Lecture Notes in Computer Science*, 1046:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Indyk:1996:WLP

- [523] P. Indyk. On word-level parallelism in fault-tolerant computing. *Lecture Notes in Computer Science*, 1046:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barzdins:1996:LC

- [524] J. Barzdins, R. Freivalds, and C. H. Smith. Learning with confidence. *Lecture Notes in Computer Science*, 1046:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tateishi:1996:EBC

- [525] E. Tateishi, O. Maruyama, and S. Miyano. Extracting best consensus motifs from positive and negative examples. *Lecture Notes in Computer Science*, 1046:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denis:1996:PLS

- [526] F. Denis, C. D’Halluin, and R. Gilleron. PAC learning with simple examples. *Lecture Notes in Computer Science*, 1046:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambainis:1996:GII

- [527] A. Ambainis, R. Freivalds, and C. H. Smith. General inductive inference types based on linearly-ordered sets. *Lecture Notes in Computer Science*, 1046:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berard:1996:PNO

- [528] B. Berard, P. Gastin, and A. Petit. On the power of non-observable actions in timed automata. *Lecture Notes in Computer Science*, 1046:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertol:1996:TRC

- [529] M. Bertol and V. Diekert. Trace rewriting: Computing normal forms in time $O(n \log n)$. *Lecture Notes in Computer Science*, 1046:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duerr:1996:DPW

- [530] C. Duerr, H. Le Thanh, and M. Santha. A decision procedure for well-formed linear quantum cellular automata. *Lecture Notes in Computer Science*, 1046:281–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacoby:1996:CWC

- [531] A. Jacoby and C. Schindelhauer. On the complexity of worst case and expected time in a circuit. *Lecture Notes in Computer Science*, 1046:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cai:1996:EHS

- [532] J.-Y. Cai, A. V. Naik, and D. Sivakumar. On the existence of hard sparse sets under weak reductions. *Lecture Notes in Computer Science*, 1046:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andreev:1996:OBA

- [533] A. E. Andreev, A. E. F. Clementi, and J. D. P. Rolim. Optimal bounds on the approximation of Boolean functions with consequences on the concept of hardness. *Lecture Notes in Computer Science*, 1046:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cai:1996:FSA

- [534] J.-Y. Cai and A. L. Selman. Fine separation of average time complexity classes. *Lecture Notes in Computer Science*, 1046:331–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sifakis:1996:CST

- [535] J. Sifakis and S. Yovine. Compositional specification of timed systems. *Lecture Notes in Computer Science*, 1046:347–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bleichenbacher:1996:OTB

- [536] D. Bleichenbacher and U. M. Maurer. Optimal tree-based one-time digital signature schemes. *Lecture Notes in Computer Science*, 1046:363–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Friedman:1996:AFR

- [537] J. Friedman, A. Joux, Y. Roichman, and J. Stern. The action of a few random permutations on r -tuples and an application to cryptography. *Lecture Notes in Computer Science*, 1046:375–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1996:UGT

- [538] U. M. Maurer. A unified and generalized treatment of authentication theory. *Lecture Notes in Computer Science*, 1046:387–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walukiewicz:1996:MSO

- [539] I. Walukiewicz. Monadic second order logic on tree-like structures. *Lecture Notes in Computer Science*, 1046:401–??, 1996. CODEN LNCS9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Schwentick:1996:BVU

- [540] T. Schwentick. On bijections vs. unary functions. *Lecture Notes in Computer Science*, 1046:415–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marcinkowski:1996:FMP

- [541] J. Marcinkowski. The 3 Frenchmen method proves undecidability of the uniform boundedness for single recursive rule ternary DATALOG programs. *Lecture Notes in Computer Science*, 1046:427–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmeister:1996:CDA

- [542] T. Hofmeister and H. Lefmann. A combinatorial design approach to MAX-CUT. *Lecture Notes in Computer Science*, 1046:441–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:CCS

- [543] A. Gupta and N. Nishimura. Characterizing the complexity of subgraph isomorphism for graphs of bounded pathwidth. *Lecture Notes in Computer Science*, 1046:453–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitchell:1996:CQM

- [544] S. A. Mitchell. A characterization of the quadrilateral meshes of a surface which admit a compatible hexahedral mesh of enclosed volume. *Lecture Notes in Computer Science*, 1046:

465–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bradfield:1996:EMM

- [545] J. C. Bradfield. On the expressivity of the modal mu-calculus. *Lecture Notes in Computer Science*, 1046:479–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bollig:1996:ROP

- [546] B. Bollig and I. Wegener. Read-once projections and formal circuit verification with binary decision diagrams. *Lecture Notes in Computer Science*, 1046:491–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giacobazzi:1996:OCS

- [547] R. Giacobazzi. “optimal” collecting semantics for analysis in a hierarchy of logic program semantics. *Lecture Notes in Computer Science*, 1046:503–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmitt:1996:FFN

- [548] V. Schmitt. Flip-flop nets. *Lecture Notes in Computer Science*, 1046:517–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kranakis:1996:LBC

- [549] E. Kranakis and D. Krizanc. Lower bounds for compact routing. *Lecture Notes in Computer Science*, 1046:529–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Frougny:1996:SFN

- [550] C. Frougny. On the successor function in non-classical numeration systems. *Lecture Notes in Computer Science*, 1046:543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beal:1996:MFW

- [551] M.-P. Beal, F. Mignosi, and A. Restivo. Minimal forbidden words and symbolic dynamics. *Lecture Notes in Computer Science*, 1046:555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dietzfelbinger:1996:UHW

- [552] M. Dietzfelbinger. Universal hashing and k -wise independent random variables via integer arithmetic without primes. *Lecture Notes in Computer Science*, 1046:569–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelsen:1996:RUT

- [553] P. Kelsen. Ranking and unranking trees using regular reductions. *Lecture Notes in Computer Science*, 1046:581–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breslauer:1996:CLP

- [554] D. Breslauer. On competitive online paging with lookahead. *Lecture Notes in Computer Science*, 1046:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lagergren:1996:HTP

- [555] J. Lagergren. Hypothesis testing in perfect phylogeny for a bounded number of characters. *Lecture Notes in Computer Science*, 1046:605–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meinel:1996:LRC

- [556] C. Meinel and S. Waack. The “log rank” conjecture for modular communication complexity. *Lecture Notes in Computer Science*, 1046:619–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambainis:1996:UBM

- [557] A. Ambainis. Upper bounds on multiparty communication complexity of shifts. *Lecture Notes in Computer Science*, 1046:631–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damm:1996:SBM

- [558] C. Damm, S. Jukna, and J. Sgall. Some bounds on multiparty communication complexity of pointer jumping. *Lecture Notes in Computer Science*, 1046:643–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bampis:1996:OSD

- [559] E. Bampis, C. Delorme, and J.-C. Koenig. Optimal schedules for d-D grid graphs with communication delays. *Lecture Notes in Computer Science*, 1046:655–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaertner:1996:LPR

- [560] B. Gaertner and E. Welzl. Linear programming — randomization and abstract frameworks. *Lecture Notes in Computer Science*, 1046:669–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leuschel:1996:EPD

- [561] M. Leuschel. Ecological partial deduction: Preserving characteristic trees without constraints. *Lecture Notes in Computer Science*, 1048:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wunderwald:1996:MES

- [562] J. E. Wunderwald. Memoing evaluation by source-to-source transformation. *Lecture Notes in Computer Science*, 1048:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bossi:1996:TLT

- [563] A. Bossi, N. Cocco, and S. Etalle. Transformation of left terminating programs: The reordering problem. *Lecture Notes in Computer Science*, 1048:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gregory:1996:DCA

- [564] S. Gregory. Derivation of concurrent algorithms in tempo. *Lecture Notes in Computer Science*, 1048:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toni:1996:ATA

- [565] F. Toni and R. A. Kowalski. An argumentation-theoretic approach to logic program transformation. *Lecture Notes in Computer Science*, 1048:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aarts:1996:CHP

- [566] E. Aarts. Complexity of Horn programs. *Lecture Notes in Computer Science*, 1048:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gallardo:1996:SCL

- [567] M. M. Gallardo and J. M. Troya. Studying the cost of logic languages in an abstract interpretation framework for granularity analysis. *Lecture Notes in Computer Science*, 1048:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mesnard:1996:TAC

- [568] F. Mesnard. Towards automatic control for CLP(chi) programs. *Lecture Notes in Computer Science*, 1048:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Semeraro:1996:IRD

- [569] G. Semeraro, F. Esposito, and D. Malerba. Ideal refinement of datalog programs. *Lecture Notes in Computer Science*, 1048:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kreitz:1996:GPD

- [570] C. Kreitz, J. Otten, and S. Schmitt. Guiding program development systems by a connection based proof strategy. *Lecture Notes in Computer Science*, 1048:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1996:TOO

- [571] K.-K. Lau and M. Ornaghi. Towards an object-oriented methodology for deductive synthesis of logic programs. *Lecture Notes in Computer Science*, 1048:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parkes:1996:LPS

- [572] A. J. Parkes and G. A. Wiggins. Logic program synthesis by induction over Horn clauses. *Lecture Notes in Computer Science*, 1048:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flener:1996:LPT

- [573] P. Flener and Y. Deville. Logic program transformation through generalization schemata. *Lecture Notes in Computer Science*, 1048:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vasconcelos:1996:OAL

- [574] W. W. Vasconcelos and N. E. Fuchs. An opportunistic approach for logic program analysis and optimisation using enhanced schema-based transformations. *Lecture Notes in Computer Science*, 1048:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeWaal:1996:SDP

- [575] D. A. De Waal and M. Thielscher. Solving deductive planning problems using program analysis and transformation. *Lecture Notes in Computer Science*, 1048:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Renault:1996:TCP

- [576] S. Renault. Towards a complete proof procedure to prove properties of normal logic programs under the completion. *Lecture Notes in Computer Science*, 1048:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arts:1996:TLP

- [577] T. Arts and H. Zantema. Termination of logic programs using semantic unification. *Lecture Notes in Computer Science*, 1048:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glueck:1996:MMH

- [578] R. Glueck. On the mechanics of meta-system hierarchies in program transformation. *Lecture Notes in Computer Science*, 1048:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hanus:1996:ETL

- [579] M. Hanus. Efficient translation of lazy functional logic programs into Prolog. *Lecture Notes in Computer Science*, 1048:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huersch:1996:AEO

- [580] W. L. Huersch and L. M. Seiter. Automating the evolution of object-oriented systems. *Lecture Notes in Computer Science*, 1049:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanHilst:1996:UCT

- [581] M. VanHilst and D. Notkin. Using C++ templates to implement role-based designs. *Lecture Notes in Computer Science*, 1049:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ledoux:1996:EMT

- [582] T. Ledoux and P. Cointe. Explicit metaclasses as a tool for improving the design of class libraries. *Lecture Notes in Computer Science*, 1049:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer:1996:ST

- [583] B. Meyer. Static typing. *Lecture Notes in Computer Science*, 1049:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chien:1996:ICD

- [584] A. Chien, U. Reddy, J. Plevyak, and J. Dolby. ICC++ — A C++ dialect for high performance parallel computing. *Lecture Notes in Computer Science*, 1049:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sato:1996:HCE

- [585] N. Sato, S. Matsuoka, and A. Yonezawa. Hierarchical collections: an efficient scheme to build an object-oriented distributed class library for massively parallel computation. *Lecture Notes in Computer Science*, 1049:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopes:1996:APP

- [586] C. Lopes. Adaptive parameter passing. *Lecture Notes in Computer Science*, 1049:118–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gallesio:1996:DMO

- [587] E. Gallesio. Designing a meta object protocol to wrap a standard graphical toolkit. *Lecture Notes in Computer Science*, 1049:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiba:1996:ACM

- [588] S. Chiba, G. Kiczales, and J. Lamping. Avoiding confusion in metacircularity: The meta-helix. *Lecture Notes in Computer Science*, 1049:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tahara:1996:ASR

- [589] Y. Tahara, F. Kumeno, A. Ohsuga, and S. Honiden. An algebraic semantics of reflective objects. *Lecture Notes in Computer Science*, 1049:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tanaka:1996:MMA

- [590] Y. Tanaka. A meme media architecture for fine-grain component software. *Lecture Notes in Computer Science*, 1049:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakanishi:1996:MEE

- [591] K. Nakanishi and T. Arano. A metric for evaluating effectiveness of object-oriented interface abstraction for promoting software reuse. *Lecture Notes in Computer Science*, 1049:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Briot:1996:ECS

- [592] J.-P. Briot. An experiment in classification and specialization of synchronization schemes. *Lecture Notes in Computer Science*, 1049:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chambers:1996:SBO

- [593] C. Chambers. Synergies between object-oriented programming language design and implementation research. *Lecture Notes in Computer Science*, 1049:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nolte:1996:OVI

- [594] J. Nolte, H. Konaka, A. Hori, and Y. Ishikawa. Ocore and VAST — integrating persistence into a parallel object-oriented language. *Lecture Notes in Computer Science*, 1049:260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maeda:1996:MPC

- [595] C. Maeda. A metaobject protocol for controlling file cache management. *Lecture Notes in Computer Science*, 1049:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kowarschick:1996:SCO

- [596] W. Kowarschick, G. Koestler, and W. Kiessling. Subtyping by constraints in object-oriented databases. *Lecture Notes in Computer Science*, 1049:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Argenius:1996:SCL

- [597] M. Argenius and A. Voronkov. Semantics of constraint logic programs with bounded quantifiers. *Lecture Notes in Computer Science*, 1050:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baldoni:1996:TML

- [598] M. Baldoni, L. Giordano, and A. Martelli. Translating a modal language with embedded implication into Horn clause logic. *Lecture Notes in Computer Science*, 1050:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brogi:1996:PSS

- [599] A. Brogi and C. Guarino. Pruning the search space of logic programs. *Lecture Notes in Computer Science*, 1050:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caferra:1996:SEL

- [600] R. Caferra and N. Peltier. A significant extension of logic programming by adapting model building rules. *Lecture Notes in Computer Science*, 1050:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cervesato:1996:ERM

- [601] I. Cervesato, J. S. Hodas, and F. Pfenning. Efficient resource management for linear logic proof search. *Lecture Notes in Computer Science*, 1050:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciancarini:1996:LLB

- [602] P. Ciancarini, D. Fogli, and M. Gaspari. A logic language based on GAMMA-like multiset rewriting. *Lecture Notes in Computer Science*, 1050:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damasio:1996:DNC

- [603] C. V. Damasio and L. M. Pereira. Default negated conclusions: why not? *Lecture Notes in Computer Science*, 1050:103–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degtyarev:1996:HEL

- [604] A. Degtyarev and A. Voronkov. Handling equality in logic programming via basic folding. *Lecture Notes in Computer Science*, 1050:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eder:1996:AMR

- [605] K. Eder, S. Hoelldobler, and M. Thiel-scher. An abstract machine for reasoning about situations, actions, and causality. *Lecture Notes in Computer Science*, 1050:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hudelmaier:1996:CCP

- [606] J. Hudelmaier. On the computational complexity of propositional logic programs with nested implications. *Lecture Notes in Computer Science*, 1050:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jonker:1996:PTE

- [607] C. M. Jonker. Proof-theory for extensions of logic programming. *Lecture Notes in Computer Science*, 1050:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kinoshita:1996:FSL

- [608] Y. Kinoshita and A. John Power. A fibrational semantics for logic programs. *Lecture Notes in Computer Science*, 1050:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuchen:1996:HOB

- [609] H. Kuchen and J. Anastasiadi. Higher order babel: Language and implementation. *Lecture Notes in Computer Science*, 1050:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lipton:1996:NFD

- [610] J. Lipton, S. E. Finkelstein, and P. Freyd. A new framework for declarative programming: Categorical perspectives (invited paper). *Lecture Notes in Computer Science*, 1050:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moreno-Navarro:1996:ECN

- [611] J. J. Moreno-Navarro. Extending constructive negation for partial functions in lazy functional-logic languages. *Lecture Notes in Computer Science*, 1050:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Przymusinski:1996:SLP

- [612] T. C. Przymusinski. Super logic programs and negation as belief (invited paper). *Lecture Notes in Computer Science*, 1050:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Staerk:1996:TCL

- [613] R. F. Staerk. Total correctness of logic programs: A formal approach. *Lecture Notes in Computer Science*, 1050:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stroetmann:1996:DSP

- [614] K. Stroetmann and T. Glass. A declarative semantics for the Prolog cut operator (invited paper). *Lecture Notes in Computer Science*, 1050:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Torgersson:1996:DAF

- [615] O. Torgersson. A definitional approach to functional logic programming. *Lecture Notes in Computer Science*, 1050:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vojtas:1996:SCN

- [616] P. Vojtas and L. Paulik. Soundness and completeness of non-classical extended SLD-resolution. *Lecture Notes in Computer Science*, 1050:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Witteveen:1996:SPN

- [617] C. Witteveen and W. Van der Hoek. Some postulates for nonmonotonic theory revision applied to logic programming. *Lecture Notes in Computer Science*, 1050:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoare:1996:HDS

- [618] C. A. R. Hoare. How did software get so reliable without proof? *Lecture Notes in Computer Science*, 1051:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sivertsen:1996:CSF

- [619] T. Sivertsen. A case study on the formal development of a reactor safety system. *Lecture Notes in Computer Science*, 1051:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peleska:1996:TAS

- [620] J. Peleska. Test automation for safety-critical systems: Industrial application and future developments. *Lecture Notes in Computer Science*, 1051:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bicarregui:1996:QAA

- [621] J. Bicarregui, J. Dick, and E. Woods. Quantitative analysis of an application of formal methods. *Lecture Notes in Computer Science*, 1051:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoare:1996:ABT

- [622] J. Hoare, J. Dick, D. Neilson, and I. Soerensen. Applying the B technologies to CICS. *Lecture Notes in Computer Science*, 1051:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walden:1996:RAS

- [623] M. Walden and K. Sere. Refining action systems within B-tool. *Lecture Notes in Computer Science*, 1051:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kasurinen:1996:IAS

- [624] V. Kasurinen and K. Sere. Integrating action systems and Z in a medical system specification. *Lecture Notes in Computer Science*, 1051:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Groenboom:1996:FAC

- [625] R. Groenboom, E. Saaman, E. Rotterdam, and G. Renardel de Lavalette. Formalizing anaesthesia: a case study in formal specification. *Lecture Notes in Computer Science*, 1051:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martins:1996:NSE

- [626] J. Martins and J.-P. Hubaux. A new system engineering methodology coupling formal specification and performance evaluation. *Lecture Notes in Computer Science*, 1051:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiVito:1996:FNN

- [627] B. L. Di Vito. Formalizing new navigation requirements for NASA's space shuttle. *Lecture Notes in Computer Science*, 1051:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Froehlich:1996:CVS

- [628] B. Froehlich and P. G. Larsen. Combining VDM-SL specifications with C++ code. *Lecture Notes in Computer Science*, 1051:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clement:1996:DRE

- [629] T. Clement. Data reification without explicit abstraction functions. *Lecture Notes in Computer Science*, 1051:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brookes:1996:FIS

- [630] T. M. Brookes, J. S. Fitzgerald, and P. G. Larsen. Formal and informal specifications of a secure system component: Final results in a comparative study. *Lecture Notes in Computer Science*, 1051:214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valmari:1996:VVS

- [631] A. Valmari and M. Setaelae. Visual verification of safety and liveness. *Lecture Notes in Computer Science*, 1051:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaetz:1996:GDC

- [632] B. Schaetz, H. Husmann, and M. Broy. Graphical development of consistent system specifications. *Lecture Notes in Computer Science*, 1051:248–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hutter:1996:DVS

- [633] D. Hutter, B. Langenstein, C. Sengler, and J. H. Siekmann. Deduction in the verification support environment (VSE). *Lecture Notes in Computer Science*, 1051:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boiten:1996:CRP

- [634] E. Boiten, J. Derrick, H. Bowman, and M. Steen. Consistency and refinement for partial specification in Z. *Lecture Notes in Computer Science*, 1051:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber:1996:CSZ

- [635] M. Weber. Combining statecharts and Z for the design of safety-critical control systems. *Lecture Notes in Computer Science*, 1051:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fidge:1996:IRT

- [636] C. Fidge, M. Utting, P. Kearney, and I. Hayes. Integrating real-time scheduling theory and program refinement. *Lecture Notes in Computer Science*, 1051:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seguin:1996:ULC

- [637] C. Seguin and V. Wiels. Using a logical and categorical approach for the validation of fault-tolerant systems. *Lecture Notes in Computer Science*, 1051:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBoer:1996:LNA

- [638] F. S. De Boer and M. Van Hulst. Local nondeterminism in asynchronously communicating processes. *Lecture Notes in Computer Science*, 1051:367–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chalin:1996:ISS

- [639] P. Chalin, P. Grogono, and T. Radhakrishnan. Identification of and solutions to shortcomings of LCL, a larch/C interface specification language. *Lecture Notes in Computer Science*, 1051:385–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Kannikeswaran:1996:FSV

- [640] B. Kannikeswaran, R. Radhakrishnan, P. Frey, and P. Alexander. Formal specification and verification of the pGVT algorithm. *Lecture Notes in Computer Science*, 1051:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pugliese:1996:AVH

- [641] R. Pugliese and E. Tronci. Automatic verification of a hydroelectric power plant. *Lecture Notes in Computer Science*, 1051:425–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jackson:1996:EES

- [642] D. M. Jackson. Experiences in embedded scheduling. *Lecture Notes in Computer Science*, 1051:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boigelot:1996:MCP

- [643] B. Boigelot and P. Godefroid. Model checking in practice: An analysis of the ACCESS.bus[TM] protocol using SPIN. *Lecture Notes in Computer Science*, 1051:465–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kleuker:1996:IDC

- [644] S. Kleuker and H. Tjabben. The incremental development of correct specifications for distributed systems. *Lecture Notes in Computer Science*, 1051:479–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

George:1996:TDT

- [645] C. George. A theory of distributing train rescheduling. *Lecture Notes in Computer Science*, 1051:499–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shi:1996:ITS

- [646] L. Shi and P. Nixon. An improved translation of SA/RT specification model to high-level timed Petri nets. *Lecture Notes in Computer Science*, 1051:518–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peleska:1996:TTT

- [647] J. Peleska and M. Siegel. From testing theory to test driver implementation. *Lecture Notes in Computer Science*, 1051:538–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Comuzzi:1996:PSU

- [648] J. J. Comuzzi and J. M. Hart. Program slicing using weakest preconditions. *Lecture Notes in Computer Science*, 1051:557–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alencar:1996:FAA

- [649] P. S. C. Alencar, D. D. Cowan, and C. J. P. Lucena. A formal approach to architectural design patterns. *Lecture Notes in Computer Science*, 1051:576–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zwiers:1996:MCI

- [650] J. Zwiers, U. Hannemann, Y. Lakhneche, and W.-P. De Roever. Modular completeness: Integrating the reuse of specified software in top-down program development. *Lecture Notes in Computer Science*, 1051:595–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bohn:1996:SAT

- [651] J. Bohn and W. Janssen. A strategic approach to transformational design. *Lecture Notes in Computer Science*, 1051:609–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolyang:1996:CUF

- [652] Kolyang, T. Santen, and B. Wolff. Correct and user-friendly implementations of transformation systems. *Lecture Notes in Computer Science*, 1051:629–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnold:1996:EUf

- [653] A. Arnold, D. Begay, and J.-P. Radoux. An example of use of formal methods to debug an embedded software. *Lecture Notes in Computer Science*, 1051:649–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Havelund:1996:ETP

- [654] K. Havelund and N. Shankar. Experiments in theorem proving and model checking for protocol verification. *Lecture Notes in Computer Science*, 1051:662–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Wang:1996:PLV

- [655] F. Wang and C.-T. Lo. Procedure-level verification of real-time concurrent systems. *Lecture Notes in Computer Science*, 1051:682–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mauthe:1996:GSM

- [656] A. Mauthe, G. Coulson, D. Hutchison, and S. Namuye. Group support in multimedia communications systems. *Lecture Notes in Computer Science*, 1052:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smirnov:1996:OOF

- [657] M. I. Smirnov. Object-oriented framework for a scalable multicast call modelling. *Lecture Notes in Computer Science*, 1052:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRezende:1996:MCS

- [658] J. F. De Rezende, S. Fdida, A. Mauthe, and D. Hutchison. M-connection service: A multicast service for distributed multimedia applications. *Lecture Notes in Computer Science*, 1052:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cossmann:1996:GDM

- [659] H. Cossmann, C. Griwodz, G. Grasel, and M. Puehlhoefer. GLASS: A distributed MHEG-Based multimedia system. *Lecture Notes in Computer*

Science, 1052:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klovning:1996:PEC

- [660] E. Klovning and O. Bonaventure. Performance evaluation of the CSCW application JVTOS. *Lecture Notes in Computer Science*, 1052:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanRijssen:1996:MTM

- [661] E. Van Rijssen, I. Widya, and E. Michiels. Multimedia teleservices modelled with the OSI application layer structure. *Lecture Notes in Computer Science*, 1052:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chassot:1996:SDM

- [662] C. Chassot, M. Fournier, M. Diaz, and A. Lozes. Service definition of a multimedia partial order connection. *Lecture Notes in Computer Science*, 1052:118–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toutain:1996:NSM

- [663] F. Toutain and L. Toutain. Network support for multimedia communications using distributed media scaling. *Lecture Notes in Computer Science*, 1052:138–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mathy:1996:AMT

- [664] L. Mathy and O. Bonaventure. The ACCOPI multimedia transport service over ATM. *Lecture Notes in Computer*

Science, 1052:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1996:THS

- [665] H. S. Cho, M. R. Fry, A. Seneviratne, and V. Witana. Towards a hybrid scheme for application adaptivity. *Lecture Notes in Computer Science*, 1052:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leboucher:1996:ACE

- [666] L. Leboucher and J.-B. Stefani. Admission control for end-to-end distributed bindings. *Lecture Notes in Computer Science*, 1052:192–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reinhardt:1996:EAC

- [667] W. Reinhardt and D. Trossen. An enhanced admission control scheme for deterministic and predictive services. *Lecture Notes in Computer Science*, 1052:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boucqueau:1996:ECA

- [668] J.-M. Boucqueau, S. Lacroix, B. Macq, and J.-J. Quisquater. Equitable conditional access and copyright protection for image based on trusted third parties. *Lecture Notes in Computer Science*, 1052:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamdi:1996:DPP

- [669] M. Hamdi, H. Affi, P. Rolin, and L. M. Rojas. Designing point to point in-

teractive video applications. *Lecture Notes in Computer Science*, 1052:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindsey:1996:RST

- [670] D. Lindsey and P. F. Linington. RIVUS: A stream template language for capturing multimedia requirements. *Lecture Notes in Computer Science*, 1052:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graf:1996:TI

- [671] P. Graf. Term indexing. *Lecture Notes in Computer Science*, 1053:1–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1996:SSC

- [672] A. Ferreira and P. M. Pardalos. SCOOP: Solving combinatorial optimization problems in parallel. *Lecture Notes in Computer Science*, 1054:1–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bovet:1996:PAO

- [673] D. P. Bovet, A. Clementi, P. Crescenzi, and R. Silvestri. Parallel approximation of optimization problems. *Lecture Notes in Computer Science*, 1054:7–??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clementi:1996:RPA

- [674] A. Clementi, J. Rolim, and E. Umland. Randomized parallel algorithms. *Lecture Notes in Computer Science*,

1054:25-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Megson:1996:ASP

- [675] G. M. Megson, L. Rapanotti, and X. Chen. Automatic synthesis of parallel algorithms. *Lecture Notes in Computer Science*, 1054:51-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gengler:1996:IPD

- [676] M. Gengler. An introduction to parallel dynamic programming. *Lecture Notes in Computer Science*, 1054:87-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lueling:1996:MTS

- [677] R. Lueling, B. Monien, A. Reinefeld, and S. Tschoeke. Mapping tree-structured combinatorial optimization problems onto parallel computers. *Lecture Notes in Computer Science*, 1054:115-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBruin:1996:TAP

- [678] A. De Bruin, G. A. P. Kindervater, and H. W. J. M. Trienekens. Towards an abstract parallel branch and bound machine. *Lecture Notes in Computer Science*, 1054:145-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Correa:1996:PBF

- [679] R. Correa and A. Ferreira. Parallel best-first branch-and-bound in discrete optimization: a framework. *Lecture*

Notes in Computer Science, 1054:171-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benaichouche:1996:BPB

- [680] M. Benaichouche, V.-D. Cung, S. Dowaj, and B. Le Cun. Building a parallel branch and bound library. *Lecture Notes in Computer Science*, 1054:201-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pardalos:1996:PAG

- [681] P. M. Pardalos, G. Xue, and P. D. Panagiotopoulos. Parallel algorithms for global optimization problems. *Lecture Notes in Computer Science*, 1054:232-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laursen:1996:PHS

- [682] P. S. Laursen. Parallel heuristic search — introductions and a new approach. *Lecture Notes in Computer Science*, 1054:248-??, ??? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzmann:1996:EFD

- [683] G. Holzmann. Early fault detection tools. *Lecture Notes in Computer Science*, 1055:1-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kozen:1996:KAT

- [684] D. Kozen. Kleene algebra with tests and commutativity conditions. *Lecture Notes in Computer Science*, 1055:14-??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Bhat:1996:ELM

Lamport:1996:MP

- [685] L. Lamport. Managing proofs. *Lecture Notes in Computer Science*, 1055:34–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

- [690] G. Bhat and R. Cleaveland. Efficient local model-checking for fragments of the modal — calculus. *Lecture Notes in Computer Science*, 1055:107–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alur:1996:AMS

- [686] R. Alur, G. Holzmann, and D. Peled. An analyzer for message sequence charts. *Lecture Notes in Computer Science*, 1055:35–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tretmans:1996:TGI

- [691] J. Tretmans. Test generation with inputs, outputs, and quiescence. *Lecture Notes in Computer Science*, 1055:127–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berghammer:1996:RAA

- [687] R. Berghammer, B. Von Karger, and C. Ulke. Relation-algebraic analysis of Petri nets with RELVIEW. *Lecture Notes in Computer Science*, 1055:49–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lowe:1996:BFN

- [692] G. Lowe. Breaking and fixing the Needham-Schroeder public-key protocol using FDR. *Lecture Notes in Computer Science*, 1055:147–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Damon:1996:ESM

- [688] C. Damon and D. Jackson. Efficient search as a means of executing specifications. *Lecture Notes in Computer Science*, 1055:70–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Focardi:1996:ACV

- [693] R. Focardi and R. Gorrieri. Automatic compositional verification of some security properties. *Lecture Notes in Computer Science*, 1055:167–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esparza:1996:IMU

- [689] J. Esparza, S. Roemaer, and W. Vogler. An improvement of McMillan’s unfolding algorithm. *Lecture Notes in Computer Science*, 1055:87–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michael:1996:PAP

- [694] F. Michael, P. Azema, and F. Vernadat. Permutable agents in process algebras. *Lecture Notes in Computer Science*, 1055:187–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buhrke:1996:SCI

- [695] N. Buhrke, H. Lescow, and J. Voege. Strategy construction in infinite games with Streett and Rabin chain winning conditions. *Lecture Notes in Computer Science*, 1055:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kowalewski:1996:TCE

- [696] S. Kowalewski and J. Preussig. Timed condition/event systems: A framework for modular discrete models of chemical plants and verification of their real-time discrete control. *Lecture Notes in Computer Science*, 1055:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chou:1996:FVP

- [697] C.-T. Chou and D. Peled. Formal verification of a partial-order reduction technique for model checking. *Lecture Notes in Computer Science*, 1055:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Margaria:1996:FAV

- [698] T. Margaria. Fully automatic verification and error detection for parameterized iterative sequential circuits. *Lecture Notes in Computer Science*, 1055:258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1996:PMV

- [699] B. Cleaveland, G. Luetzgen, V. Natarajan, and S. Sims. Priorities for modeling and verifying distributed systems. *Lecture Notes in Computer Science*, 1055:278–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stirling:1996:GMM

- [700] C. Stirling. Games and modal mu-calculus. *Lecture Notes in Computer Science*, 1055:298–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayari:1996:GSS

- [701] A. Ayari and D. Basin. Generic system support for deductive program development. *Lecture Notes in Computer Science*, 1055:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tripakis:1996:EPS

- [702] S. Tripakis and C. Courcoubetis. Extending Promela and Spin for real time. *Lecture Notes in Computer Science*, 1055:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Najm:1996:RER

- [703] E. Najm and F. Olsen. Reactive EFSMs — reactive Promela/RSPIN. *Lecture Notes in Computer Science*, 1055:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moser:1996:PDA

- [704] L. Moser and P. Melliar-Smith. Probabilistic duration automata for analyzing real-time systems. *Lecture Notes in Computer Science*, 1055:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1996:CFS

- [705] R. Cleaveland, P. Lewis, S. Smolka, and O. Sokolsky. The concurrency factory software development environment. *Lecture Notes in Computer Science*, 1055:391–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouali:1996:FS

- [706] A. Bouali, A. Ressouche, V. Roy, and R. De Simone. The Fc2TOOLS set. *Lecture Notes in Computer Science*, 1055:396–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grahmann:1996:PMT

- [707] B. Grahmann and E. Best. PEP — more than a Petri net tool. *Lecture Notes in Computer Science*, 1055:397–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuellar:1996:RPA

- [708] J. Cuellar, D. Barnard, and M. Huber. Rapid prototyping for an assertional specification language. *Lecture Notes in Computer Science*, 1055:402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heyl:1996:CTS

- [709] C. Heyl, A. Mester, and H. Krumm. cTc — A tool supporting the construction of cTLA-specifications. *Lecture Notes in Computer Science*, 1055:407–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saidi:1996:TPI

- [710] H. Saidi. A tool for proving invariance properties of concurrent systems automatically. *Lecture Notes in Computer Science*, 1055:412–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rauzy:1996:UCL

- [711] A. Rauzy. Using the constraint language toupie for “software cost reduction” specification analysis. *Lecture Notes in Computer Science*, 1055:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steffen:1996:COS

- [712] B. Steffen, T. Margaria, A. Classen, and V. Braun. A constraint-oriented service creation environment. *Lecture Notes in Computer Science*, 1055:418–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klein:1996:DOM

- [713] M. Klein, J. Knoop, D. Koschuetzki, and B. Steffen. DFA and OPT-METAFrame: A tool kit for program analysis and optimization. *Lecture Notes in Computer Science*, 1055:422–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermanns:1996:CAT

- [714] H. Hermanns, V. Mertsiotakis, and M. Rettelbach. A construction and analysis tool based on the stochastic process algebra TIPP. *Lecture Notes in Computer Science*, 1055:427–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bengtsson:1996:U

- [715] J. Bengtsson, K. G. Larsen, F. Larsson, and P. Pettersson. UPPAAL in 1995. *Lecture Notes in Computer Science*, 1055:431–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Srikant:1996:MSP

- [716] R. Srikant and R. Agrawal. Mining sequential patterns: Generalizations and performance improvements. *Lecture Notes in Computer Science*, 1057:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehta:1996:SFS

- [717] M. Mehta, R. Agrawal, and J. Rissanen. SLIQ: A fast scalable classifier for data mining. *Lecture Notes in Computer Science*, 1057:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gottlob:1996:PSA

- [718] G. Gottlob, G. Moerkotte, and V. S. Subrahmanian. The PARK semantics for active rules. *Lecture Notes in Computer Science*, 1057:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meo:1996:CEC

- [719] R. Meo, G. Psaila, and S. Ceri. Composite events in chimera. *Lecture Notes in Computer Science*, 1057:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atzeni:1996:MMM

- [720] P. Atzeni and R. Torlone. Management of multiple models in an extensible database design tool. *Lecture Notes in Computer Science*, 1057:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelter:1996:ANS

- [721] U. Kelter and D. Daeberitz. An assessment of non-standard DBMSs for CASE environments. *Lecture Notes in Computer Science*, 1057:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Qian:1996:CST

- [722] X. Qian. Correct schema transformations. *Lecture Notes in Computer Science*, 1057:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Friesen:1996:VAD

- [723] O. Friesen, A. Lefebvre, and L. Vieille. VALIDITY: Applications of a DOOD system. *Lecture Notes in Computer Science*, 1057:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonjour:1996:NOR

- [724] D. Bonjour. The need for an object relational model and its use. *Lecture Notes in Computer Science*, 1057:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:DIU

- [725] A. Gupta, H. V. Jagadish, and I. S. Mumick. Data integration using self-

maintainable views. *Lecture Notes in Computer Science*, 1057:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boncz:1996:MGE

- [726] P. A. Boncz, W. Quak, and M. L. Kersten. Monet and its geographic extensions: A novel approach to high performance GIS processing. *Lecture Notes in Computer Science*, 1057:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaudhuri:1996:OQA

- [727] S. Chaudhuri and K. Shim. Optimizing queries with aggregate views. *Lecture Notes in Computer Science*, 1057:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steenhagen:1996:TOQ

- [728] H. J. Steenhagen, R. A. De By, and H. M. Blanken. Translating OSQL queries into efficient set expressions. *Lecture Notes in Computer Science*, 1057:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pavilion:1996:KDE

- [729] G. Pavilion. Knowledge discovery from epidemiological databases. *Lecture Notes in Computer Science*, 1057:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rabinovich:1996:SUP

- [730] M. Rabinovich, N. Gehani, and A. Kononov. Scalable update propagation in epidemic replicated databases.

Lecture Notes in Computer Science, 1057:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adelberg:1996:DSE

- [731] B. Adelberg, B. Kao, and H. Garcia-Molina. Database support for efficiently maintaining derived data. *Lecture Notes in Computer Science*, 1057:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciaccia:1996:OMB

- [732] P. Ciaccia. Optimal multi-block read schedules for partitioned signature files. *Lecture Notes in Computer Science*, 1057:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoshikawa:1996:ASD

- [733] M. Yoshikawa, O. Ichikawa, and S. Uemura. Amalgamating SGML documents and databases. *Lecture Notes in Computer Science*, 1057:259–274, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Williams:1996:IND

- [734] H. Williams and J. Zobel. Indexing nucleotide databases for fast query evaluation. *Lecture Notes in Computer Science*, 1057:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:VMS

- [735] I.-M. A. Chen, V. M. Markowitz, S. Letovsky, and P. Li. Version management for scientific databases. *Lecture Notes in Computer Science*, 1057:

289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toman:1996:FOQ

- [736] D. Toman and D. Niwinski. First-order queries over temporal databases inexpressible in temporal logic. *Lecture Notes in Computer Science*, 1057:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boehlen:1996:QTD

- [737] M. H. Boehlen, J. Chomicki, R. T. Snodgrass, and D. Toman. Querying TSQL2 databases with temporal logic. *Lecture Notes in Computer Science*, 1057:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertino:1996:FTO

- [738] E. Bertino, E. Ferrari, and G. Guerini. A formal temporal object-oriented data model. *Lecture Notes in Computer Science*, 1057:342–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delcambre:1996:DDR

- [739] L. Delcambre, C. Hamon, M. Biezunski, and R. Reddy. Dynamic development and refinement of hypermedia documents. *Lecture Notes in Computer Science*, 1057:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finkelstein:1996:MMW

- [740] S. Finkelstein, E. Lemoine, and R. Lenaers. MATISSE: A multimedia Web DBMS. *Lecture Notes in*

Computer Science, 1057:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baker:1996:DBW

- [741] B. Baker. Doing business with the Web: The Informix/Illustra approach. *Lecture Notes in Computer Science*, 1057:364–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:HPS

- [742] C. Liu and H. Chen. A hash partition strategy for distributed query processing. *Lecture Notes in Computer Science*, 1057:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Panagos:1996:FGL

- [743] E. Panagos, A. Biliris, H. V. Jagadish, and R. Rastogi. Fine-granularity locking and client-based logging for distributed architectures. *Lecture Notes in Computer Science*, 1057:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gawecki:1996:EPI

- [744] A. Gawecki and F. Matthes. Exploiting persistent intermediate code representations in open database environments. *Lecture Notes in Computer Science*, 1057:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamath:1996:PHA

- [745] M. Kamath, G. Alonso, R. Guenthoer, and C. Mohan. Providing high availability in very large workflow management systems. *Lecture Notes in*

Computer Science, 1057:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casati:1996:SWI

- [746] F. Casati, S. Ceri, B. Pernici, and G. Pozzi. Semantic WorkFlow interoperability. *Lecture Notes in Computer Science*, 1057:443–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonner:1996:LDB

- [747] A. Bonner, A. Shrufi, and S. Rozen. LabFlow-1: A database benchmark for high-throughput workflow management. *Lecture Notes in Computer Science*, 1057:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouganim:1996:APQ

- [748] L. Bouganim, B. Dageville, and P. Valduriez. Adaptive parallel query execution in DBS3. *Lecture Notes in Computer Science*, 1057:481–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fessy:1996:OQS

- [749] J. Fessy, Y. Lepetit, and P. Pucheral. Object query services for telecommunication networks. *Lecture Notes in Computer Science*, 1057:490–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plexousakis:1996:AIC

- [750] D. Plexousakis and J. Mylopoulos. Accommodating integrity constraints during database design. *Lecture Notes in Computer Science*, 1057:497–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levy:1996:RAC

- [751] A. Y. Levy and I. S. Mumick. Reasoning with aggregation constraints. *Lecture Notes in Computer Science*, 1057:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Decker:1996:HTS

- [752] H. Decker, E. Teniente, and T. Urpi. How to tackle schema validation by view updating. *Lecture Notes in Computer Science*, 1057:535–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muth:1996:LDD

- [753] P. Muth, A. Kraiss, and G. Weikum. LoT: Dynamic declustering of TSB-Tree nodes for parallel access to temporal data. *Lecture Notes in Computer Science*, 1057:553–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karlsson:1996:LLS

- [754] J. S. Karlsson, W. Litwin, and T. Risch. LH0* LH: A scalable high performance data structure for switched multicomputers. *Lecture Notes in Computer Science*, 1057:573–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koudas:1996:DSD

- [755] N. Koudas, C. Faloutsos, and I. Kamel. Declustering spatial databases on a multi-computer architecture. *Lecture*

Notes in Computer Science, 1057:592–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emrich:1996:OFB

- [756] M. Emrich. Object framework for business applications. *Lecture Notes in Computer Science*, 1057:617–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:CSC

- [757] Q. Chen and U. Dayal. Commit scope control in nested transactions. *Lecture Notes in Computer Science*, 1057:621–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simmen:1996:FTO

- [758] D. Simmen, E. Shekita, and T. Malke-mus. Fundamental techniques for order optimization. *Lecture Notes in Computer Science*, 1057:625–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiederhold:1996:DAT

- [759] G. Wiederhold. Dealing with asynchrony in technology transfer. *Lecture Notes in Computer Science*, 1057:631–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1996:SPP

- [760] C. B. Jones. Some practical problems and their influence on semantics. *Lecture Notes in Computer Science*, 1058:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1996:CHP

- [761] S. L. P. Jones. Compiling Haskell by program transformation: A report from the trenches. *Lecture Notes in Computer Science*, 1058:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alpuente:1996:NDP

- [762] M. Alpuente, M. Falaschi, and G. Vidal. Narrowing-driven partial evaluation of functional logic programs. *Lecture Notes in Computer Science*, 1058:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barbuti:1996:MVL

- [763] R. Barbuti and P. Mancarella. A multiple-valued logical semantics for Prolog. *Lecture Notes in Computer Science*, 1058:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bechet:1996:RVE

- [764] D. Bechet. Removing value encoding using alternative values in partial evaluation of strongly-typed languages. *Lecture Notes in Computer Science*, 1058:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergstra:1996:CTT

- [765] J. A. Bergstra, T. B. Dinesh, J. Field, and J. Heering. A complete transformational toolkit for compilers. *Lecture Notes in Computer Science*, 1058:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bueno:1996:GAS

- [766] F. Bueno, D. Cabeza, M. Hermenegildo, and G. Puebla. Global analysis of standard Prolog programs. *Lecture Notes in Computer Science*, 1058:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fradet:1996:SDP

- [767] P. Fradet, R. Gaugne, and D. Le Metayer. Static detection of pointer errors: An axiomatisation and a checking algorithm. *Lecture Notes in Computer Science*, 1058:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giacobazzi:1996:COD

- [768] R. Giacobazzi and F. Ranzato. Compositional optimization of disjunctive abstract interpretations. *Lecture Notes in Computer Science*, 1058:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gonzalez-Moreno:1996:RLD

- [769] J. C. Gonzalez-Moreno, M. T. Hortala-Gonzalez, F. J. Lopez-Fraguas, and M. Rodriguez-Artalejo. A rewriting logic for declarative programming. *Lecture Notes in Computer Science*, 1058:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goubault:1996:DTC

- [770] E. Goubault. Durations for truly-concurrent transitions. *Lecture Notes in Computer Science*, 1058:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jensen:1996:FAG

- [771] T. P. Jensen and I. Mackie. Flow analysis in the geometry of interaction. *Lecture Notes in Computer Science*, 1058:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Launchbury:1996:PUU

- [772] J. Launchbury and R. Paterson. Parametricity and unboxing with unpointed types. *Lecture Notes in Computer Science*, 1058:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liang:1996:MDS

- [773] S. Liang and P. Hudak. Modular denotational semantics for compiler construction. *Lecture Notes in Computer Science*, 1058:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maraninchi:1996:CSN

- [774] F. Maraninchi and N. Halbwachs. Compositional semantics of non-deterministic synchronous languages. *Lecture Notes in Computer Science*, 1058:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melzer:1996:CSP

- [775] S. Melzer and J. Esparza. Checking system properties via integer programming. *Lecture Notes in Computer Science*, 1058:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Montanari:1996:EML

- [776] U. Montanari, M. Pistore, and D. Yankelevich. Efficient minimization up to location equivalence. *Lecture Notes in Computer Science*, 1058:265–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palsberg:1996:NAC

- [777] J. Palsberg, B. Patt-Shamir, and K. Lieberherr. A new approach to compiling adaptive programs. *Lecture Notes in Computer Science*, 1058:280–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rohwedder:1996:MTC

- [778] E. Rohwedder and F. Pfenning. Mode and termination checking for higher-order logic programs. *Lecture Notes in Computer Science*, 1058:296–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rose:1996:LTH

- [779] E. Rose. Linear time hierarchies for a functional language machine model. *Lecture Notes in Computer Science*, 1058:311–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seidl:1996:ICS

- [780] H. Seidl. Integer constraints to stop deforestation. *Lecture Notes in Computer Science*, 1058:326–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:TMS

- [781] G. Smith and D. Volpano. Towards an ML-Style polymorphic type system for C. *Lecture Notes in Computer Science*, 1058:341–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoelen:1996:ACR

- [782] K. Stoelen. Assumption/commitment rules for dataflow networks — with an emphasis on completeness. *Lecture Notes in Computer Science*, 1058:356–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thune:1996:TEL

- [783] M. Thune and K. Aahlander. Towards an expressive language for PDE solvers. *Lecture Notes in Computer Science*, 1058:373–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanBakel:1996:RSA

- [784] S. Van Bakel, F. Barbanera, and M. Fernandez. Rewrite systems with abstraction and ??-rule: Types, approximants and normalization. *Lecture Notes in Computer Science*, 1058:387–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abramsky:1996:SI

- [785] S. Abramsky. Semantics of interaction. *Lecture Notes in Computer Science*, 1059:1–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bottreau:1996:KPL

- [786] A. Bottreau and Y. Metivier. The Kronecker product and local computations in graphs. *Lecture Notes in Computer Science*, 1059:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Madonia:1996:IPM

- [787] M. Madonia and S. Varricchio. Iterative pairs and multitape automata. *Lecture Notes in Computer Science*, 1059:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boudet:1996:DEP

- [788] A. Boudet and H. Comon. Diophantine equations, Presburger arithmetic and finite automata. *Lecture Notes in Computer Science*, 1059:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuehnemann:1996:PLO

- [789] A. Kuehnemann. A pumping lemma for output languages of macro tree transducers. *Lecture Notes in Computer Science*, 1059:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Merlini:1996:ADU

- [790] D. Merlini, R. Sprugnoli, and M. C. Verri. The area determined by underdiagonal lattice paths. *Lecture Notes in Computer Science*, 1059:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takayama:1996:ECP

- [791] Y. Takayama. Extraction of concurrent processes from higher dimensional automata. *Lecture Notes in Computer Science*, 1059:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaivola:1996:AEC

- [792] R. Kaivola. Axiomatizing extended computation tree logic. *Lecture Notes in Computer Science*, 1059:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenisa:1996:FSH

- [793] M. Lenisa. Final semantics for a higher order concurrent language. *Lecture Notes in Computer Science*, 1059:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfenning:1996:PLF

- [794] F. Pfenning. The practice of logical framework. *Lecture Notes in Computer Science*, 1059:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bachmair:1996:SAB

- [795] L. Bachmair, T. Chen, C. R. Ramakrishnan, and I. V. Ramakrishnan. Subsumption algorithms based on search trees. *Lecture Notes in Computer Science*, 1059:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1996:INT

- [796] M. Fernandez and I. Mackie. Interaction nets and term rewriting systems. *Lecture Notes in Computer Science*, 1059:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lisper:1996:CUE

- [797] B. Lisper. Computing in unpredictable environments: Semantics, reduction strategies, and program transformations. *Lecture Notes in Computer Science*, 1059:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glauert:1996:RND

- [798] J. Glauert and Z. Khasidashvili. Relative normalization in deterministic residual structures. *Lecture Notes in Computer Science*, 1059:180–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arts:1996:TAI

- [799] T. Arts. Termination by absence of infinite chains of dependency pairs. *Lecture Notes in Computer Science*, 1059:196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gramlich:1996:CTP

- [800] B. Gramlich. Confluence without termination via parallel critical pairs. *Lecture Notes in Computer Science*, 1059:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cichon:1996:OCP

- [801] E. A. Cichon and H. Touzet. An ordinal calculus for proving termination in term rewriting. *Lecture Notes in Computer Science*, 1059:226–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bidoit:1996:BSE

- [802] M. Bidoit and A. Tarlecki. Behavioural satisfaction and equivalence in concrete model categories. *Lecture Notes in Computer Science*, 1059:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:OMB

- [803] A. Cheng and M. Nielsen. Open maps, behavioural equivalences, and congruences. *Lecture Notes in Computer Science*, 1059:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rensink:1996:DCO

- [804] A. Rensink. Denotational, causal, and operational determinism in event structures. *Lecture Notes in Computer Science*, 1059:272–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soerensen:1996:ELI

- [805] M. H. Soerensen. Effective longest and infinite reduction paths in untyped lambda-calculi. *Lecture Notes in Computer Science*, 1059:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boudol:1996:FAL

- [806] G. Boudol and C. Lavatelli. Full abstraction for lambda calculus with resources and convergence testing. *Lecture Notes in Computer Science*, 1059:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tiuryn:1996:ULC

- [807] J. Tiuryn and M. Wand. Untyped lambda-calculus with input-output. *Lecture Notes in Computer Science*, 1059:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:PDT

- [808] J. Wang and G. R. Gao. Pipelining-dovetailing: A transformation to enhance software pipelining for nested loops. *Lecture Notes in Computer Science*, 1060:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfahler:1996:CMS

- [809] P. Pfahler and G. Piepenbrock. A comparison of modulo scheduling techniques for software pipelining. *Lecture Notes in Computer Science*, 1060:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ertl:1996:RAD

- [810] M. A. Ertl and A. Krall. Removing anti dependences by repairing. *Lecture Notes in Computer Science*, 1060:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janssen:1996:CNS

- [811] J. Janssen and H. Corporaal. Controlled node splitting. *Lecture Notes in Computer Science*, 1060:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davidson:1996:ALU

- [812] J. W. Davidson and S. Jinturkar. Aggressive loop unrolling in a retargetable, optimizing compiler. *Lecture Notes in Computer Science*, 1060:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verbrugge:1996:GCP

- [813] C. Verbrugge, P. Co, and L. Hendren. Generalized constant propagation: A study in C. *Lecture Notes in Computer Science*, 1060:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cifuentes:1996:SDG

- [814] C. Cifuentes. Structuring decompiled graphs. *Lecture Notes in Computer Science*, 1060:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geser:1996:NMF

- [815] A. Geser, J. Knoop, G. Luetzgen, and O. Ruething. Non-monotone fixpoint iterations to resolve second order effects. *Lecture Notes in Computer Science*, 1060:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Assmann:1996:HUS

- [816] U. Assmann. How to uniformly specify program analysis and transformation with graph rewrite systems. *Lecture Notes in Computer Science*, 1060:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steensgaard:1996:PAT

- [817] B. Steensgaard. Points-to analysis by type inference of programs with structures and unions. *Lecture Notes in Computer Science*, 1060:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waite:1996:CCC

- [818] W. M. Waite. Compiler construction: Craftsmanship or engineering? *Lecture Notes in Computer Science*, 1060:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nymeyer:1996:CGA

- [819] A. Nymeyer, J.-P. Katoen, Y. Westra, and H. Alblas. Code generation = A0* + BURS. *Lecture Notes in Computer Science*, 1060:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pettersson:1996:CNS

- [820] M. Pettersson. A compiler for natural semantics. *Lecture Notes in Computer Science*, 1060:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boucher:1996:ACN

- [821] D. Boucher and M. Feeley. Abstract compilation: A new implementation paradigm for static analysis. *Lecture Notes in Computer Science*, 1060:192–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salomon:1996:UPE

- [822] D. J. Salomon. Using partial evaluation in support of portability, reusability, and maintainability. *Lecture Notes in Computer Science*, 1060:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:ICS

- [823] J.-D. Choi, V. Sarkar, and E. Schonberg. Incremental computation of static single assignment form. *Lecture Notes in Computer Science*, 1060:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:ESR

- [824] Z. Li and C. C. Kirkham. Efficient storage reuse of aggregates in single assignment languages. *Lecture Notes in Computer Science*, 1060:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chow:1996:ERA

- [825] F. Chow, S. Chan, S.-M. Liu, and R. Lo. Effective representation of aliases and indirect memory operations in SSA form. *Lecture Notes in Computer Science*, 1060:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kadhim:1996:MSM

- [826] B. M. Kadhim and W. M. Waite. Map-tool — supporting modular syntax development. *Lecture Notes in Computer Science*, 1060:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McLean:1996:FEP

- [827] P. McLean and R. N. Horspool. A faster Earley parser. *Lecture Notes in Computer Science*, 1060:281–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Proebsting:1996:OPO

- [828] T. A. Proebsting and B. R. Whaley. One-pass, optimal tree parsing — with or without trees. *Lecture Notes in Computer Science*, 1060:294–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitek:1996:CDT

- [829] J. Vitek and R. N. Horspool. Compact dispatch tables for dynamically typed object oriented languages. *Lecture Notes in Computer Science*, 1060:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bosch:1996:DCO

- [830] J. Bosch. Delegating compiler objects — an object-oriented approach to crafting compilers. *Lecture Notes in Computer Science*, 1060:326–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fritzson:1996:PDS

- [831] P. Fritzson, R. Wismueller, O. Hansen, and J. Sala. A parallel debugger with support for distributed arrays, multiple executables and dynamic processes. *Lecture Notes in Computer Science*, 1060:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banatre:1996:PMP

- [832] J.-P. Banâtre. Parallel multiset processing: From explicit coordination to chemical reaction. *Lecture Notes in Computer Science*, 1061:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Montanari:1996:GRC

- [833] U. Montanari and F. Rossi. Graph rewriting and constraint solving for modelling distributed systems with synchronization. *Lecture Notes in Computer Science*, 1061:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wegner:1996:CCI

- [834] P. Wegner. Coordination as constrained interaction. *Lecture Notes in Computer Science*, 1061:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbab:1996:IMC

- [835] F. Arbab. The IWIM model for coordination of concurrent activities. *Lecture Notes in Computer Science*, 1061:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banville:1996:SAL

- [836] M. Banville. Sonia: an adaptation of Linda for coordination of activities in organizations. *Lecture Notes in Computer Science*, 1061:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergstra:1996:TCA

- [837] J. A. Bergstra and P. Klint. The Tool-Bus coordination architecture. *Lecture Notes in Computer Science*, 1061:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castellani:1996:ECM

- [838] S. Castellani and P. Ciancarini. Enhancing coordination and modularity mechanisms for a language with objects-as-multisets. *Lecture Notes in Computer Science*, 1061:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaudron:1996:TCM

- [839] M. Chaudron and E. De Jong. Towards a compositional method for coordinating gamma programs. *Lecture Notes in Computer Science*, 1061:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:ICH

- [840] D. Cohen and J. Muylaert-Filho. Introducing a calculus for higher-order multiset programming. *Lecture Notes in Computer Science*, 1061:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBosschere:1996:TRC

- [841] K. De Bosschere and J.-M. Jacquet. 02Log: Towards remote coordination. *Lecture Notes in Computer Science*, 1061:142–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeNicola:1996:PAB

- [842] R. De Nicola and R. Pugliese. A process algebra based on Linda. *Lecture Notes in Computer Science*, 1061:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fukuda:1996:IIO

- [843] M. Fukuda, L. F. Bic, M. B. Dillencourt, and F. Merchant. Intra- and inter-object coordination with MESSENGERS. *Lecture Notes in Computer Science*, 1061:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Florijn:1996:AHF

- [844] G. Florijn, T. Besamusca, and D. Greefhorst. Ariadne and HOPLA: Flexible coordination of collaborative processes. *Lecture Notes in Computer Science*, 1061:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goeman:1996:CIF

- [845] H. J. M. Goeman, J. N. Kok, K. Sere, and R. T. Udink. Coordination in the ImpUnity framework. *Lecture Notes in Computer Science*, 1061:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gladstein:1996:CCC

- [846] D. S. Gladstein and M. Wand. Compiler correctness for concurrent languages. *Lecture Notes in Computer Science*, 1061:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzbacher:1996:SEC

- [847] A. A. Holzbacher. A software environment for concurrent coordinated programming. *Lecture Notes in Computer Science*, 1061:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kielmann:1996:DCM

- [848] T. Kielmann. Designing a coordination model for open systems. *Lecture Notes in Computer Science*, 1061:267–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mukherji:1996:CPC

- [849] M. Mukherji and D. Kafura. CCE: A process-calculus based formalism for specifying multi-object coordination. *Lecture Notes in Computer Science*, 1061:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denti:1996:EFD

- [850] E. Denti, A. Omicini, A. Natali, and M. Venuti. An extensible framework for the development of coordinated applications. *Lecture Notes in Computer Science*, 1061:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prasad:1996:BT

- [851] K. V. S. Prasad. Broadcasting in time. *Lecture Notes in Computer Science*, 1061:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radestock:1996:SHO

- [852] M. Radestock and S. Eisenbach. Semantics of a higher-order coordination language. *Lecture Notes in Computer Science*, 1061:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rowstron:1996:SLM

- [853] A. Rowstron and A. Wood. Solving the Linda multiple rd problem. *Lecture Notes in Computer Science*, 1061:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Singh:1996:CDO

- [854] N. Singh and M. A. Gisi. Coordinating distributed objects with declarative interfaces. *Lecture Notes in Computer Science*, 1061:368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tolksdorf:1996:CSO

- [855] R. Tolksdorf. Coordinating services in open distributed systems with LAURA. *Lecture Notes in Computer Science*, 1061:386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouvry:1996:VVE

- [856] P. Bouvry and F. Arbab. Visifold: A visual environment for a coordination

language. *Lecture Notes in Computer Science*, 1061:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burkhart:1996:ASP

- [857] H. Burkhart, R. Frank, and G. Haechler. ALWAN: A skeleton programming language. *Lecture Notes in Computer Science*, 1061:407–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciancarini:1996:WWU

- [858] P. Ciancarini, R. Tolksdorf, and F. Vitali. Weaving the Web using coordination. *Lecture Notes in Computer Science*, 1061:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doberkat:1996:ISC

- [859] E.-E. Doberkat, W. Hasselbring, and C. Pahl. Investigating strategies for cooperative planning of independent agents through prototype evaluation. *Lecture Notes in Computer Science*, 1061:416–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hazeyama:1996:CSI

- [860] A. Hazeyama and S. Komiya. A case study of integration of a software process management system with software engineering environments for process monitoring and management. *Lecture Notes in Computer Science*, 1061:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Horita:1996:NNP

- [861] E. Horita and K. Mano. Nepi: A network programming language based on the Pi-Calculus. *Lecture Notes in Computer Science*, 1061:424–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Inverardi:1996:MIC

- [862] P. Inverardi and D. Compare. Modelling interoperability by CHAM. *Lecture Notes in Computer Science*, 1061:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krone:1996:ICF

- [863] O. Krone, M. Aguilar, B. Hirsbrunner, and V. Sunderam. Integrating coordination features in PVM. *Lecture Notes in Computer Science*, 1061:432–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Olivier:1996:SFE

- [864] P. A. Olivier. A simulator framework for embedded systems. *Lecture Notes in Computer Science*, 1061:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Straub:1996:UBB

- [865] P. A. Straub and C. L. Hurtado. Understanding behavior of business process models. *Lecture Notes in Computer Science*, 1061:440–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanchez:1996:FPG

- [866] E. Sanchez. Field programmable gate array (FPGA) circuits. *Lecture Notes in Computer Science*, 1062:1-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tomassini:1996:EA

- [867] M. Tomassini. Evolutionary algorithms. *Lecture Notes in Computer Science*, 1062:19-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruau:1996:ACD

- [868] F. Gruau. Artificial cellular development in optimization and compilation. *Lecture Notes in Computer Science*, 1062:48-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeGaris:1996:CBE

- [869] H. De Garis. CAM-BRAIN: The evolutionary engineering of a billion neuron artificial brain by 2001 which grows/evolves at electronic speeds inside a cellular automata machine (CAM). *Lecture Notes in Computer Science*, 1062:76-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitano:1996:MES

- [870] H. Kitano. Morphogenesis for evolvable systems. *Lecture Notes in Computer Science*, 1062:99-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Higuchi:1996:EHA

- [871] T. Higuchi, M. Iwata, I. Kajitani, and H. Iba. Evolvable hardware and its applications to pattern recognition and fault-tolerant systems. *Lecture Notes in Computer Science*, 1062:118-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thompson:1996:UEH

- [872] A. Thompson, I. Harvey, and P. Husband. Unconstrained evolution and hard consequences. *Lecture Notes in Computer Science*, 1062:136-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marchal:1996:EBS

- [873] P. Marchal, P. Nussbaum, C. Piguet, and S. Durand. Embryonics: The birth of synthetic life. *Lecture Notes in Computer Science*, 1062:166-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mange:1996:ENF

- [874] D. Mange, M. Goeke, D. Madon, and A. Stauffer. Embryonics: A new family of coarse-grained field programmable gate array with self-repair and self-reproducing properties. *Lecture Notes in Computer Science*, 1062:197-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mondada:1996:EMA

- [875] F. Mondada and D. Floreano. Evolution and mobile autonomous robotics. *Lecture Notes in Computer Science*, 1062:221-??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hemmi:1996:DEH

- [876] H. Hemmi, J. Mizoguchi, and K. Shimohara. Development and evolution of hardware behaviors. *Lecture Notes in Computer Science*, 1062:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeck:1996:ESA

- [877] T. Baeck. Evolution strategies: An alternative evolutionary algorithm. *Lecture Notes in Computer Science*, 1063:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fogel:1996:IEP

- [878] D. B. Fogel and L. J. Fogel. An introduction to evolutionary programming. *Lecture Notes in Computer Science*, 1063:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cerf:1996:ATG

- [879] R. Cerf. An asymptotic theory of genetic algorithms. *Lecture Notes in Computer Science*, 1063:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Venturini:1996:TGT

- [880] G. Venturini. Towards a genetic theory of easy and hard functions. *Lecture Notes in Computer Science*, 1063:54–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jelasily:1996:GCM

- [881] M. Jelasily and J. Dombi. GAs, a concept of modeling species in genetic al-

gorithms. *Lecture Notes in Computer Science*, 1063:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godart:1996:GAP

- [882] C. Godart and M. Krueger. A genetic algorithm with parallel steady-state reproduction. *Lecture Notes in Computer Science*, 1063:86–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravise:1996:IBC

- [883] C. Ravise, M. Sebag, and M. Schoenauer. Induction-based control of genetic algorithms. *Lecture Notes in Computer Science*, 1063:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viennet:1996:NMO

- [884] R. Viennet, C. Fonteix, and I. Marc. New multicriteria optimization method based on the use of a diploid genetic algorithm: Example of an industrial problem. *Lecture Notes in Computer Science*, 1063:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourgine:1996:LVC

- [885] P. Bourguine and D. Snyers. Lotka Volterra coevolution at the edge of chaos. *Lecture Notes in Computer Science*, 1063:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dumeur:1996:ETC

- [886] R. Dumeur. Evolution through cooperation: The symbiotic algorithm. *Lecture Notes in Computer Science*, 1063:

145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meuleau:1996:AEC

- [887] N. Meuleau and C. Lattaud. The artificial evolution of cooperation. *Lecture Notes in Computer Science*, 1063:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xanthakis:1996:ISF

- [888] S. Xanthakis, C. Karapoulios, R. Pajot, and A. Rozz. Immune system and fault-tolerant computing. *Lecture Notes in Computer Science*, 1063:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruau:1996:MGN

- [889] F. Gruau. Modular genetic neural networks for six-legged locomotion. *Lecture Notes in Computer Science*, 1063:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michel:1996:ALA

- [890] O. Michel. An artificial life approach for the synthesis of autonomous agents. *Lecture Notes in Computer Science*, 1063:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoenauer:1996:HLD

- [891] M. Schoenauer and E. Ronald. How long does it take to evolve a neural net? *Lecture Notes in Computer Science*, 1063:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cretin:1996:MIR

- [892] G. Cretin, E. Lutton, J. Levy-Vehel, and P. Glevarec. Mixed IFS: Resolution of the inverse problem using genetic programming. *Lecture Notes in Computer Science*, 1063:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graf:1996:IES

- [893] J. Graf and W. Banzhaf. Interactive evolution for simulated natural evolution. *Lecture Notes in Computer Science*, 1063:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Louchet:1996:BNT

- [894] J. Louchet, M. Boccara, D. Crochemore, and X. Provot. Building new tools for synthetic image animation by using evolutionary techniques. *Lecture Notes in Computer Science*, 1063:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lutton:1996:GAS

- [895] E. Lutton and P. Martinez. A genetic algorithm with sharing for the detection of 2D geometric primitives in images. *Lecture Notes in Computer Science*, 1063:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alliot:1996:GAI

- [896] J.-M. Alliot and N. Durand. A genetic algorithm to improve an Othello program. *Lecture Notes in Computer Science*, 1063:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeck:1996:CSP

- [897] T. Baeck, M. Schuetz, and S. Khuri. A comparative study of a penalty function, a repair heuristic and stochastic operators with the set-covering problem. *Lecture Notes in Computer Science*, 1063:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hao:1996:SGS

- [898] J.-K. Hao and R. Dorne. Study of genetic search for the frequency assignment problem. *Lecture Notes in Computer Science*, 1063:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gorrini:1996:AEA

- [899] V. Gorrini and M. Dorigo. An application of evolutionary algorithms to the scheduling of robotic operations. *Lecture Notes in Computer Science*, 1063:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kane:1996:GOT

- [900] C. Kane and M. Schoenauer. Genetic operators for two-dimensional shape optimization. *Lecture Notes in Computer Science*, 1063:355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Medioni:1996:ATC

- [901] F. Medioni, N. Durand, and J.-M. Al-liot. Air traffic conflict resolution by genetic algorithms. *Lecture Notes in Computer Science*, 1063:370–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Slimane:1996:OHM

- [902] M. Slimane, G. Venturini, J.-P. Asselin de Beauville, and T. Brouard. Optimizing hidden Markov models with a genetic algorithm. *Lecture Notes in Computer Science*, 1063:384–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armstrong:1996:SCI

- [903] M. Armstrong, A. Zisserman, and R. Hartley. Self-calibration from image triplets. *Lecture Notes in Computer Science*, 1064:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Irani:1996:PGP

- [904] M. Irani and P. Anandan. Parallax geometry of pairs of points for 3D scene analysis. *Lecture Notes in Computer Science*, 1064:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pollefeys:1996:ERI

- [905] M. Pollefeys, L. Van Cool, and M. Proesmans. Euclidean 3D reconstruction from image sequences with variable focal lengths. *Lecture Notes in Computer Science*, 1064:31–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belhumeur:1996:EVF

- [906] P. N. Belhumeur, J. P. Hespanha, and D. J. Kriegman. Eigenfaces vs. fisherfaces: recognition using class specific linear projection. *Lecture Notes in Computer Science*, 1064:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lamiroy:1996:ROI

- [907] B. Lamiroy and P. Gros. Rapid object indexing and recognition using enhanced geometric hashing. *Lecture Notes in Computer Science*, 1064:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pilu:1996:RGP

- [908] M. Pilu and R. B. Fisher. Recognition of geons by parametric deformable contour models. *Lecture Notes in Computer Science*, 1064:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bignone:1996:AEG

- [909] F. Bignone, O. Henricsson, P. Fua, and M. Stricker. Automatic extraction of generic house roofs from high resolution aerial imagery. *Lecture Notes in Computer Science*, 1064:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caselles:1996:TDO

- [910] V. Caselles, R. Kimmel, G. Sapiro, and C. Sbert. Three dimensional object modeling via minimal surfaces. *Lecture Notes in Computer Science*, 1064:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fletcher:1996:CBR

- [911] G. J. Fletcher and P. J. Giblin. Class based reconstruction techniques using singular apparent contours. *Lecture Notes in Computer Science*, 1064:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hilton:1996:RSR

- [912] A. Hilton, A. J. Stoddart, J. Illingworth, and T. Winder. Reliable surface reconstruction from multiple range images. *Lecture Notes in Computer Science*, 1064:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hougen:1996:SAS

- [913] D. R. Hougen and N. Ahuja. Shape from appearance: a statistical approach to surface shape estimation. *Lecture Notes in Computer Science*, 1064:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lachaud:1996:VSU

- [914] J.-O. Lachaud and A. Montanvert. Volumic segmentation using hierarchical representation and triangulated surface. *Lecture Notes in Computer Science*, 1064:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laveau:1996:OPG

- [915] S. Laveau and O. Faugeras. Oriented projective geometry for computer vision. *Lecture Notes in Computer Science*, 1064:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:FCF

- [916] F. Li, J. M. Brady, and C. Wiles. Fast computation of the fundamental matrix for an active stereo vision system. *Lecture Notes in Computer Science*, 1064:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malik:1996:BVO

- [917] J. Malik. On binocularly viewed occlusion junctions. *Lecture Notes in Computer Science*, 1064:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rothwell:1996:USP

- [918] C. Rothwell and J. Stern. Understanding the shape properties of trihedral polyhedra. *Lecture Notes in Computer Science*, 1064:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bangham:1996:NSS

- [919] J. A. Bangham, R. Harvey, P. D. Ling, and R. V. Aldridge. Non-linear scale-space from n -dimensional sieves. *Lecture Notes in Computer Science*, 1064:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casadei:1996:HCR

- [920] S. Casadei and S. Mitter. Hierarchical curve reconstruction. part I: bifurcation analysis and recovery of smooth curves. *Lecture Notes in Computer Science*, 1064:199–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Horng:1996:TFC

- [921] M.-H. Horng, Y.-N. Sun, and X.-Z. Lin. Texture feature coding method for classification of liver sonography. *Lecture Notes in Computer Science*, 1064:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koethe:1996:LAS

- [922] U. Koethe. Local appropriate scale in morphological scale-space. *Lecture Notes in Computer Science*, 1064:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lindeberg:1996:SSC

- [923] T. Lindeberg and D. Fagerstroem. Scale-space with causal time direction. *Lecture Notes in Computer Science*, 1064:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez:1996:TCC

- [924] A. M. Lopez and J. Serrat. Tracing crease curves by solving a system of differential equations. *Lecture Notes in Computer Science*, 1064:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malladi:1996:FUM

- [925] R. Malladi and J. A. Sethian. Flows under min/max curvature flow and mean curvature: applications in image processing. *Lecture Notes in Computer Science*, 1064:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Olson:1996:DHT

- [926] C. F. Olson. Decomposition of the Hough Transform: curve detection with efficient error propagation. *Lecture Notes in Computer Science*, 1064:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravela:1996:IRU

- [927] S. Ravela, R. Manmatha, and E. M. Riseman. Image retrieval using scale-space matching. *Lecture Notes in Computer Science*, 1064:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taubin:1996:OSS

- [928] G. Taubin, T. Zhang, and G. Golub. Optimal surface smoothing as filter design. *Lecture Notes in Computer Science*, 1064:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vernon:1996:SDI

- [929] D. Vernon. Segmentation in dynamic image sequences by isolation of coherent wave profiles. *Lecture Notes in Computer Science*, 1064:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xie:1996:TSU

- [930] Z.-Y. Xie and J. M. Brady. Texture segmentation using local energy in wavelet scale space. *Lecture Notes in Computer Science*, 1064:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bardinet:1996:TMD

- [931] E. Bardinet, L. Cohen, and N. Ayache. Tracking medical 3D data with a deformable parametric model. *Lecture Notes in Computer Science*, 1064:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Black:1996:ETR

- [932] M. J. Black and A. D. Jepson. Eigen tracking: robust matching and tracking of articulated objects using a view-based representation. *Lecture Notes in Computer Science*, 1064:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Isard:1996:CTS

- [933] M. Isard and A. Blake. Contour tracking by stochastic propagation of conditional density. *Lecture Notes in Computer Science*, 1064:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reynard:1996:LDC

- [934] D. Reynard, A. Wildenberg, A. Blake, and J. Marchant. Learning dynamics of complex motions from image sequences. *Lecture Notes in Computer Science*, 1064:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amir:1996:QAG

- [935] A. Amir and M. Lindenbaum. Quantitative analysis of grouping processes. *Lecture Notes in Computer Science*, 1064:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cham:1996:GSC

- [936] T.-J. Cham and R. Cipolla. Geometric saliency of curve correspondences and grouping of symmetric contours. *Lecture Notes in Computer Science*, 1064:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elder:1996:CCC

- [937] J. H. Elder and S. W. Zucker. Computing contour closure. *Lecture Notes in Computer Science*, 1064:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geiger:1996:VOI

- [938] D. Geiger and K. Kumaran. Visual organization of illusory surfaces. *Lecture Notes in Computer Science*, 1064:413–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaarding:1996:URR

- [939] J. Gaarding, J. Porrill, J. P. Frisby, and J. E. W. Mayhew. Uncalibrated relief reconstruction and model alignment from binocular disparities. *Lecture Notes in Computer Science*, 1064:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robert:1996:DDM

- [940] L. Robert and R. Deriche. Dense depth map reconstruction: a minimization and regularization approach which preserves discontinuities. *Lecture Notes in Computer Science*, 1064:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tomasi:1996:SS

- [941] C. Tomasi and R. Manduchi. Stereo without search. *Lecture Notes in Computer Science*, 1064:452–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbel:1996:IVS

- [942] T. Arbel and F. P. Ferrie. Informative views and sequential recognition. *Lecture Notes in Computer Science*, 1064:469–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrey:1996:UTS

- [943] P. Andrey and P. Tarroux. Unsupervised texture segmentation using selectionist relaxation. *Lecture Notes in Computer Science*, 1064:482–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cass:1996:RAS

- [944] T. A. Cass. Robust affine structure matching for 3D object recognition. *Lecture Notes in Computer Science*, 1064:492–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Costen:1996:AFR

- [945] N. Costen, L. Craw, G. Robertson, and S. Akamatsu. Automatic face recognition: what representation? *Lecture Notes in Computer Science*, 1064:504–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cross:1996:GSS

- [946] A. D. J. Cross, R. C. Wilson, and E. R. Hancock. Genetic search for structural matching. *Lecture Notes in Computer Science*, 1064:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hlavac:1996:ASR

- [947] V. Hlavac, A. Leonardis, and T. Werner. Automatic selection of reference views for image-based scene representations. *Lecture Notes in Computer Science*, 1064:526–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huttenlocher:1996:ORU

- [948] D. P. Huttenlocher, R. H. Lilien, and C. F. Olson. Object recognition using subspace methods. *Lecture Notes in Computer Science*, 1064:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leung:1996:DLG

- [949] T. Leung and J. Malik. Detecting, localizing and grouping repeated scene elements from an image. *Lecture Notes in Computer Science*, 1064:546–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:IRO

- [950] T.-L. Liu, M. Donahue, D. Geiger, and R. Hummel. Image recognition with occlusions. *Lecture Notes in Computer Science*, 1064:556–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mokhtarian:1996:SBO

- [951] F. Mokhtarian. Silhouette-based object recognition with occlusion through curvature scale space. *Lecture Notes in Computer Science*, 1064:566–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nair:1996:FTS

- [952] D. Nair and J. K. Aggarwal. A focused target segmentation paradigm. *Lecture Notes in Computer Science*, 1064:579–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nastar:1996:GIM

- [953] C. Nastar, B. Moghaddam, and A. Pentland. Generalized image matching: statistical learning of physically-based deformations. *Lecture Notes in Computer Science*, 1064:589–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rothwell:1996:RAO

- [954] C. Rothwell. Reasoning about occlusions during hypothesis verification. *Lecture Notes in Computer Science*, 1064:599–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schiele:1996:ORU

- [955] B. Schiele and J. L. Crowley. Object recognition using multidimensional receptive field histograms. *Lecture Notes in Computer Science*, 1064:610–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schiller:1996:NO

- [956] R. Schiller. Normalization by optimization. *Lecture Notes in Computer Science*, 1064:620–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steger:1996:ECS

- [957] C. Steger. Extracting curvilinear structures: a differential geometric approach. *Lecture Notes in Computer Science*, 1064:630–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGool:1996:API

- [958] L. Van Gool, T. Moons, and D. Ungureanu. Affine/photometric invariants for planar intensity patterns. *Lecture Notes in Computer Science*, 1064:642–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vetter:1996:ISS

- [959] T. Vetter and T. Poggio. Image synthesis from a single example image. *Lecture Notes in Computer Science*, 1064:652–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werman:1996:CIE

- [960] M. Werman and D. Weinshall. Complexity of indexing: efficient and learnable large database indexing. *Lecture Notes in Computer Science*, 1064:660–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheong:1996:SRV

- [961] L. F. Cheong, C. Fermueller, and Y. Aloimonos. Spatiotemporal representations for visual navigation. *Lecture Notes in Computer Science*, 1064:673–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daniilidis:1996:DMS

- [962] K. Daniilidis and I. Thomas. Decoupling the 3D motion space by fixation. *Lecture Notes in Computer Science*, 1064:685–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kanatani:1996:AST

- [963] K. Kanatani. Automatic singularity test for motion analysis by an information criterion. *Lecture Notes in Computer Science*, 1064:697–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Szeliski:1996:SAS

- [964] R. Szeliski and S. B. Kang. Shape ambiguities in structure from motion. *Lecture Notes in Computer Science*, 1064:709–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barnard:1996:CCS

- [965] K. Barnard, G. Finlayson, and B. Funt. Colour constancy for scenes with varying illumination. *Lecture Notes in Computer Science*, 1065:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finlayson:1996:CAI

- [966] G. D. Finlayson, S. S. Chatterjee, and B. V. Funt. Color angular indexing. *Lecture Notes in Computer Science*, 1065:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koenderink:1996:BRD

- [967] J. J. Koenderink, A. J. Van Doorn, and M. Stavridi. Bidirectional reflection distribution function expressed in terms of surface scattering modes. *Lecture Notes in Computer Science*, 1065:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolff:1996:GLL

- [968] L. B. Wolff. Generalizing Lambert's law for smooth surfaces. *Lecture Notes in Computer Science*, 1065:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elder:1996:LSC

- [969] J. H. Elder and S. W. Zucker. Local scale control for edge detection and blur estimation. *Lecture Notes in Computer Science*, 1065:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1996:RSS

- [970] M. Nielsen, L. Florack, and R. Deriche. Regularization, scale-space, and edge detection filters. *Lecture Notes in Computer Science*, 1065:70–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simoncelli:1996:DDR

- [971] E. P. Simoncelli and H. Farid. Direct differential range estimation using optical masks. *Lecture Notes in Computer Science*, 1065:82–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aastroem:1996:GEC

- [972] K. Aastroem, R. Cipolla, and P. J. Giblin. Generalised epipolar constraints. *Lecture Notes in Computer Science*, 1065:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boyer:1996:OMC

- [973] E. Boyer. Object models from contour sequences. *Lecture Notes in Computer Science*, 1065:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodsky:1996:DMF

- [974] T. Brodsky, C. Fermueller, and Y. Aloimonos. Directions of motion fields are hardly ever ambiguous. *Lecture Notes in Computer Science*, 1065:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christy:1996:ERP

- [975] S. Christy and R. Horaud. Euclidean reconstruction: from paraperspective to perspective. *Lecture Notes in Computer Science*, 1065:129–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:OFP

- [976] I. Cohen and I. Herlin. Optical flow and phase portrait methods for environmental satellite image sequences. *Lecture Notes in Computer Science*, 1065:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giachetti:1996:ROF

- [977] A. Giachetti and V. Torre. Refinement of optical flow estimation and detection of motion edges. *Lecture Notes in Computer Science*, 1065:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lawn:1996:REC

- [978] J. M. Lawn and R. Cipolla. Reliable extraction of the camera motion using constraints on the epipole. *Lecture Notes in Computer Science*, 1065:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:AVE

- [979] H. Liu, T.-H. Hong, M. Herman, and R. Chellappa. Accuracy vs. efficiency trade-offs in optical flow algorithms. *Lecture Notes in Computer Science*, 1065:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliensis:1996:RBT

- [980] J. Oliensis. Rigorous bounds for two-frame structure from motion. *Lecture Notes in Computer Science*, 1065:184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shashua:1996:RCM

- [981] A. Shashua and S. Avidan. The rank 4 constraint in multiple (3) view geometry. *Lecture Notes in Computer Science*, 1065:196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vieville:1996:USD

- [982] T. Vieville and D. Lingrand. Using singular displacements for uncalibrated monocular visual systems. *Lecture Notes in Computer Science*, 1065:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weinshall:1996:DMP

- [983] D. Weinshall, M. Werman, and A. Shashua. Duality of multi-point and multi-frame geometry: fundamental shape matrices and tensors. *Lecture Notes in Computer Science*, 1065:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiles:1996:ACM

- [984] C. Wiles and J. M. Brady. On the appropriateness of camera models. *Lecture Notes in Computer Science*, 1065:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiles:1996:GPM

- [985] C. Wiles and J. M. Brady. Ground plane motion camera models. *Lecture Notes in Computer Science*, 1065:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amini:1996:SST

- [986] A. A. Amini, R. W. Curwen, and J. C. Gore. Snakes and splines for tracking non-rigid heart motion. *Lecture Notes in Computer Science*, 1065:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benayoun:1996:LQM

- [987] S. Benayoun, D. Kharitonsky, A. Zilberman, and S. Peleg. Local quantitative measurements for cardiac motion analysis. *Lecture Notes in Computer Science*, 1065:262–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Byrne:1996:AMB

- [988] M. J. Byrne and J. Graham. Application of model based image interpretation methods to diabetic neuropathy. *Lecture Notes in Computer Science*, 1065:272–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fletcher:1996:GAM

- [989] S. Fletcher, A. Bulpitt, and D. C. Hogg. Global alignment of MR images using a scale based hierarchical model. *Lecture Notes in Computer Science*, 1065:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hall:1996:RBV

- [990] P. Hall, M. Ngan, and P. Andreae. Reconstruction of blood vessel networks from X-ray projections and a vascular catalogue. *Lecture Notes in Computer Science*, 1065:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gil:1996:CMM

- [991] S. Gil, R. Milanese, and T. Pun. Combining multiple motion estimates for vehicle tracking. *Lecture Notes in Computer Science*, 1065:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Howarth:1996:VSM

- [992] R. Howarth and H. Buxton. Visual surveillance monitoring and watching. *Lecture Notes in Computer Science*, 1065:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ngoi:1996:RAC

- [993] K. P. Ngoi and J. Jia. A robust active contour model for natural scene contour extraction with automatic thresholding. *Lecture Notes in Computer Science*, 1065:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siskind:1996:MLA

- [994] J. Y. Siskind and Q. Morris. A maximum-likelihood approach to visual event classification. *Lecture Notes in Computer Science*, 1065:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gdalyahu:1996:MSR

- [995] Y. Gdalyahu and D. Weinshall. Measures for silhouettes resemblance and representative silhouettes of curved objects. *Lecture Notes in Computer Science*, 1065:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaucic:1996:RTL

- [996] R. Kaucic, B. Dalton, and A. Blake. Real-time lip tracking for audio-visual speech recognition applications. *Lecture Notes in Computer Science*, 1065:376–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kollnig:1996:MOM

- [997] H. Kollnig and H.-H. Nagel. Matching object models to segments from an optical flow field. *Lecture Notes in Computer Science*, 1065:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Solloway:1996:QAC

- [998] S. Solloway, C. J. Taylor, C. E. Hutchinson, and J. C. Waterton. Quantification of articular cartilage from MR images using active shape models. *Lecture Notes in Computer Science*, 1065:400–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brooks:1996:DMS

- [999] M. J. Brooks, L. De Agapito, D. Q. Huynh, and L. Baumela. Direct methods for self-calibration of a moving stereo head. *Lecture Notes in Computer Science*, 1065:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delherm:1996:DRZ

- [1000] C. Delherm, J. M. Lavest, M. Dhome, and J. T. Lapreste. Dense reconstruction by zooming. *Lecture Notes in Computer Science*, 1065:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watanabe:1996:TOC

- [1001] M. Watanabe and S. K. Nayar. Telecentric optics for computational vision. *Lecture Notes in Computer Science*, 1065:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Braud:1996:RPT

- [1002] P. Braud, J.-T. Lapreste, and M. Dhome. Recognition, pose and tracking of modelled polyhedral objects by multi-ocular vision. *Lecture Notes in Computer Science*, 1065:455–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cootes:1996:LOV

- [1003] T. F. Cootes and C. J. Taylor. Locating objects of varying shape using statistical feature detectors. *Lecture Notes in Computer Science*, 1065:465–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernyhough:1996:GSR

- [1004] J. H. Fernyhough, A. G. Cohn, and D. C. Hogg. Generation of semantic regions from image sequences. *Lecture Notes in Computer Science*, 1065:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frank:1996:TOV

- [1005] T. Frank, M. Haag, H. Kollnig, and H.-H. Nagel. Tracking of occluded vehicles in traffic scenes. *Lecture Notes in Computer Science*, 1065:485–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fua:1996:IHC

- [1006] P. Fua and U. Brechbuehler. Imposing hard constraints on soft snakes. *Lecture Notes in Computer Science*, 1065:495–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hager:1996:XVC

- [1007] G. D. Hager and K. Toyama. X vision: combining image warping and geometric constraints for fast visual tracking. *Lecture Notes in Computer Science*, 1065:507–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lerasle:1996:HBT

- [1008] F. Lerasle, G. Rives, M. Dhome, and A. Yassine. Human body tracking by monocular vision. *Lecture Notes in Computer Science*, 1065:518–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mann:1996:CPS

- [1009] R. Mann, A. D. Jepson, and J. M. Siskind. Computational perception of scene dynamics. *Lecture Notes in Computer Science*, 1065:528–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maybank:1996:FVT

- [1010] S. J. Maybank, A. D. Worrall, and G. D. Sullivan. A filter for visual tracking based on a stochastic model for driver behaviour. *Lecture Notes in Computer Science*, 1065:540–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Metaxas:1996:EAD

- [1011] D. Metaxas and I. A. Kakadiaris. Elastically adaptive deformable models. *Lecture Notes in Computer Science*, 1065:550–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rowe:1996:SFM

- [1012] S. Rowe and A. Blake. Statistical feature modelling for active contours. *Lecture Notes in Computer Science*, 1065:560–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bascle:1996:MDS

- [1013] B. Bascle, A. Blake, and A. Zisserman. Motion deblurring and super-resolution from an image sequence. *Lecture Notes in Computer Science*, 1065:573–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colombo:1996:UVT

- [1014] C. Colombo and J. L. Crowley. Uncalibrated visual tasks via linear interaction. *Lecture Notes in Computer Science*, 1065:583–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fleck:1996:FNP

- [1015] M. M. Fleck, D. A. Forsyth, and C. Bregler. Finding naked people. *Lecture Notes in Computer Science*, 1065:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kokaram:1996:SRM

- [1016] A. C. Kokaram and S. J. Godsill. A system for reconstruction of missing data in image sequences using sampled 3D AR models and MRF motion priors. *Lecture Notes in Computer Science*, 1065:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:ESS

- [1017] V. Mueller. Elimination of specular surface-reflectance using polarized and unpolarized light. *Lecture Notes in Computer Science*, 1065:625–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohnishi:1996:SRV

- [1018] N. Ohnishi, K. Kumaki, T. Yamamura, and T. Tanaka. Separating real and virtual objects from their overlapping images. *Lecture Notes in Computer Science*, 1065:636–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reid:1996:GDV

- [1019] I. Reid and A. Zisserman. Goal-directed video metrology. *Lecture Notes in Computer Science*, 1065:647–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taylor:1996:RPM

- [1020] C. J. Taylor, P. E. Debevec, and J. Malik. Reconstructing polyhedral models of architectural scenes from photographs. *Lecture Notes in Computer Science*, 1065:659–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heyden:1996:AVM

- [1021] A. Heyden and K. Aastroem. Algebraic varieties in multiple view geometry. *Lecture Notes in Computer Science*, 1065:671–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beardsley:1996:MAE

- [1022] P. Beardsley, P. Torr, and A. Zisserman. 3D model acquisition from extended image sequences. *Lecture Notes in Computer Science*, 1065:683–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Faugeras:1996:CSM

- [1023] T. Faugeras and O. Papadopoulos. Computing structure and motion of general 3D curves from monocular sequences of perspective images. *Lecture Notes in Computer Science*, 1065:696–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sturm:1996:FBA

- [1024] P. Sturm and B. Triggs. A factorization based algorithm for multi-image projective structure and motion. *Lecture Notes in Computer Science*, 1065:709–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lygeros:1996:GTA

- [1025] J. Lygeros, D. N. Godbole, and S. Sastry. A game-theoretic approach to hybrid system design. *Lecture Notes in Computer Science*, 1066:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kesten:1996:VCT

- [1026] Y. Kesten, Z. Manna, and A. Pnueli. Verifying clocked transition systems. *Lecture Notes in Computer Science*, 1066:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benveniste:1996:CUM

- [1027] A. Benveniste. Compositional and uniform modeling of hybrid systems. *Lecture Notes in Computer Science*, 1066:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:HCH

- [1028] V. Gupta, R. Jagadeesan, and V. Saraswat. Hybrid cc, hybrid automata, and program verification. *Lecture Notes in Computer Science*, 1066:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghosh:1996:CSD

- [1029] M. K. Ghosh, S. I. Marcus, and A. Arapostathis. Controlled switching diffusions as hybrid processes. *Lecture Notes in Computer Science*, 1066:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ge:1996:HSC

- [1030] X. Ge, W. Kohn, A. Nerode, and J. B. Rummel. Hybrid systems: chattering approximation to relaxed controls. *Lecture Notes in Computer Science*, 1066:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weinberg:1996:VAV

- [1031] H. B. Weinberg, N. Lynch, and N. Delisle. Verification of automated vehicle protection systems. *Lecture Notes in Computer Science*, 1066:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLemos:1996:ERS

- [1032] R. De Lemos and J. G. Hall. Extended RTL in the specification and verification of an industrial press. *Lecture Notes in Computer Science*, 1066:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sintzoff:1996:AVS

- [1033] M. Sintzoff. Abstract verification of structured dynamical systems. *Lecture Notes in Computer Science*, 1066:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deshpande:1996:DET

- [1034] A. Deshpande, D. Godbole, A. Goelue, and P. Varaiya. Design and evaluation tools for automated highway systems. *Lecture Notes in Computer Science*, 1066:138–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godhavn:1996:HCS

- [1035] J.-M. Godhavn, T. Lauvdal, and O. Egeland. Hybrid control in sea traffic management systems. *Lecture Notes in Computer Science*, 1066:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haddon:1996:VHS

- [1036] J. A. Haddon, D. N. Godbole, A. Deshpande, and J. Lygeros. Verification of hybrid systems: monotonicity in the AHS control system. *Lecture Notes in Computer Science*, 1066:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Artstein:1996:ESH

- [1037] Z. Artstein. Examples of stabilization with hybrid feedback. *Lecture Notes in Computer Science*, 1066:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Branicky:1996:GHD

- [1038] M. S. Branicky. General hybrid dynamical systems: modeling, analysis, and control. *Lecture Notes in Computer Science*, 1066:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seidman:1996:RMR

- [1039] T. I. Seidman. The residue of model reduction. *Lecture Notes in Computer Science*, 1066:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daws:1996:TK

- [1040] C. Daws, A. Olivero, S. Tripakis, and S. Yovine. The tool KRONOS. *Lecture Notes in Computer Science*, 1066:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alur:1996:TAC

- [1041] R. Alur and R. P. Kurshan. Timing analysis in COSPAN. *Lecture Notes in Computer Science*, 1066:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bengtsson:1996:UTS

- [1042] J. Bengtsson, K. G. Larsen, F. Larsen, and P. Pettersson. UPPAAL: a tool suite for automatic verification of real-time systems. *Lecture Notes in*

Computer Science, 1066:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dimitriadis:1996:ODH

- [1043] V. D. Dimitriadis, N. Shah, and C. C. Pantelides. Optimal design of hybrid controllers for hybrid process systems. *Lecture Notes in Computer Science*, 1066:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holloway:1996:LFM

- [1044] L. E. Holloway. On-line fault monitoring of a class of hybrid systems using templates with dynamic time scaling. *Lecture Notes in Computer Science*, 1066:258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Qiwen:1996:HDC

- [1045] X. Qiwen and H. Weidong. Hierarchical design of a chemical concentration control system. *Lecture Notes in Computer Science*, 1066:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stroemberg:1996:SBG

- [1046] J.-E. Stroemberg, S. Nadjm-Tehrani, and J. L. Top. Switched bond graphs as front-end to formal verification of hybrid systems. *Lecture Notes in Computer Science*, 1066:282–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ji:1996:FSS

- [1047] W. Ji and H. Weidong. Formal specification of stability in hybrid control systems. *Lecture Notes in Computer*

Science, 1066:294–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heitmeyer:1996:RSH

- [1048] C. Heitmeyer. Requirements specifications for hybrid systems. *Lecture Notes in Computer Science*, 1066:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sinclair:1996:VHS

- [1049] D. Sinclair, E. Holz, D. Witaszek, and M. Wasowski. Validation of hybrid systems by co-simulation. *Lecture Notes in Computer Science*, 1066:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Narain:1996:PTH

- [1050] S. Narain. Proofs from temporal hypotheses by symbolic simulation. *Lecture Notes in Computer Science*, 1066:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cofer:1996:CTD

- [1051] D. D. Cofer and V. K. Garg. On controlling timed discrete event systems. *Lecture Notes in Computer Science*, 1066:340–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kumar:1996:SCR

- [1052] R. Kumar and M. A. Shayman. Supervisory control of real-time systems using prioritized synchronization. *Lecture Notes in Computer Science*, 1066:350–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Puri:1996:ADI

- [1053] A. Puri, V. Borkar, and P. Varaiya. ??-approximation of differential inclusions. *Lecture Notes in Computer Science*, 1066:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1996:LPP

- [1054] T. A. Henzinger and H. Wong-Toi. Linear phase-portrait approximations for nonlinear hybrid systems. *Lecture Notes in Computer Science*, 1066:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ceraens:1996:DRP

- [1055] K. Ceraens and J. Viksna. Deciding reachability for planar multi-polynomial systems. *Lecture Notes in Computer Science*, 1066:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoffmann:1996:MHD

- [1056] I. Hoffmann and K.-U Klatt. Modeling hybrid dynamical systems. *Lecture Notes in Computer Science*, 1066:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kourjanski:1996:SHS

- [1057] M. Kourjanski and P. Varaiya. Stability of hybrid systems. *Lecture Notes in Computer Science*, 1066:413–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:MSH

- [1058] H. S. Park, Y. S. Kim, W. H. Kwon, and S. J. Lee. Model and stability of hybrid linear systems. *Lecture Notes in Computer Science*, 1066:424–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sontag:1996:IAL

- [1059] E. D. Sontag. Interconnected automata and linear systems: a theoretical framework in discrete time. *Lecture Notes in Computer Science*, 1066:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lynch:1996:MVA

- [1060] N. Lynch. Modeling and verification of automated transit systems, using timed automata, invariants, and simulations. *Lecture Notes in Computer Science*, 1066:449–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stiver:1996:IBA

- [1061] J. A. Stiver, P. J. Antsaklis, and M. D. Lemmon. An invariant-based approach to the design of hybrid control systems containing clocks. *Lecture Notes in Computer Science*, 1066:464–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niinomi:1996:RAA

- [1062] T. Niinomi, B. H. Krogh, and J. E. R. Cury. Refinements of approximating automata for synthesis of supervisory controllers for hybrid systems. *Lecture Notes in Computer Science*, 1066:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bailey:1996:DIC

- [1063] S. Bailey, R. L. Grossman, L. Gu, and D. Hanley. A data-intensive computing approach to path planning and mode management for hybrid systems. *Lecture Notes in Computer Science*, 1066:485–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lynch:1996:HA

- [1064] N. Lynch, R. Segala, F. Vaandrager, and H. B. Weinberg. Hybrid I/O automata. *Lecture Notes in Computer Science*, 1066:496–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaochen:1996:FDH

- [1065] Z. Chaochen, W. Ji, and A. P. Ravn. A formal description of hybrid systems. *Lecture Notes in Computer Science*, 1066:511–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouajjani:1996:LVA

- [1066] A. Bouajjani and Y. Lakhnech. Logics vs. automata: the hybrid case. *Lecture Notes in Computer Science*, 1066:531–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bett:1996:HGS

- [1067] C. J. Bett and M. D. Lemmon. H gain schedule synthesis of supervisory hybrid control systems. *Lecture Notes in Computer Science*, 1066:543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Savkin:1996:NAR

- [1068] A. V. Savkin, R. J. Evans, and I. R. Petersen. A new approach to robust control of hybrid systems. *Lecture Notes in Computer Science*, 1066:553–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raisch:1996:ACH

- [1069] J. Raisch and S. O’Young. A DES approach to control of hybrid dynamical systems. *Lecture Notes in Computer Science*, 1066:563–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1996:DMC

- [1070] K. G. Larsen, P. Pettersson, and W. Yi. Diagnostic model-checking for real-time systems. *Lecture Notes in Computer Science*, 1066:575–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:SVH

- [1071] Y. Zhang and A. K. Mackworth. Specification and verification of hybrid dynamic systems with timed inverted sans serif aye-automata. *Lecture Notes in Computer Science*, 1066:587–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1996:FPR

- [1072] K. G. Larsen, B. Steffen, and C. Weise. Fischer’s protocol revisited: a simple proof using modal constraints. *Lecture Notes in Computer Science*, 1066:604–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoerstad:1996:PRS

- [1073] P. Bjoerstad, R. Moe, R. Olufsen, and E. Vainikko. Parallel reservoir simulation based on domain decomposition techniques. *Lecture Notes in Computer Science*, 1067:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moe:1996:PPP

- [1074] R. Moe, M. Talal Rahman, O. Saevar Reid, and R. Teigland. Porting and parallel performance of the industrial CFD code MUSIC. *Lecture Notes in Computer Science*, 1067:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thompson:1996:POR

- [1075] A. M. Thompson and G. R. Bowen. Parallelisation of a oil reservoir simulation. *Lecture Notes in Computer Science*, 1067:20–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elliott:1996:RIH

- [1076] J. A. Elliott, S. H. Brindle, A. Colbrook, and D. G. Green. Real industrial HPC applications. *Lecture Notes in Computer Science*, 1067:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Braathén:1996:PSS

- [1077] A. Braathén, J. Cook, A. C. Damhaug, and M. T. Rahman. Parallelisation of the SWAN surface wave analysis code. *Lecture Notes in Computer Science*, 1067:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hargreaves:1996:PCF

- [1078] M. L. Hargreaves, D. C. Spicer, C. C. R. Jones, and S. Whittle. Porting a commercial finite difference time domain electromagnetic code to a parallel architecture machine. *Lecture Notes in Computer Science*, 1067:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pomponi:1996:PPP

- [1079] R. Pomponi, P. D’Atanasio, E. Rubino, and M. Busuoli. Porting on parallel platforms of a tool for simulating the effects of lightning strokes on telecommunication buildings: A comparison on preliminary results about performances and accuracy on SIMD and MIMD architectures. *Lecture Notes in Computer Science*, 1067:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tinniswood:1996:UPF

- [1080] A. D. Tinniswood and P. S. Excell. On the use of parallel finite-difference time-domain methods in the modelling of bioelectromagnetic problems. *Lecture Notes in Computer Science*, 1067:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicolopoulos:1996:CPP

- [1081] D. Nicolopoulos and G. Winkelmueller. A comparison of parallel paradigms applied to an industrial code: RADIOS. *Lecture Notes in Computer Science*, 1067:66–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delsemme:1996:SMC

- [1082] J.-P. Delsemme and O. Zone. SAMMI: S.A.M.C.E.F. migration onto parallel platforms: Second step. *Lecture Notes in Computer Science*, 1067:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulz:1996:EAP

- [1083] U. Schulz, M. Ast, J. Labarta, and H. Manz. Experiences and achievements with the parallelization of a large finite element system. *Lecture Notes in Computer Science*, 1067:82–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stueben:1996:PIF

- [1084] K. Stueben, H. Mierendorff, C.-A. Thole, and O. Thomas. Parallel industrial fluid dynamics and structural mechanics codes. *Lecture Notes in Computer Science*, 1067:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoessel:1996:TRC

- [1085] A. Stoessel, E. Issman, and M. Lorient. Towards real CFD simulations on parallel computers in the aeronautic and automotive industry. *Lecture Notes in Computer Science*, 1067:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauer:1996:PCC

- [1086] W. Bauer, H. Reister, F. Ross, and D. Robinson. Parallel computing for CFD applications in the automotive industry — first experiences. *Lecture*

Notes in Computer Science, 1067:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forsey:1996:PPE

- [1087] C. R. Forsey, C. S. Ierotheou, U. Block, and M. Leatham. Parallelisation and performance evaluation of the aeronautical CFD flow code ESAUNA. *Lecture Notes in Computer Science*, 1067:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giraud:1996:PII

- [1088] L. Giraud, N. Maman, P. Menegazzi, and A. Micelotta. Parallel industrial incompressible CFD calculations with HPCN3S. *Lecture Notes in Computer Science*, 1067:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaput:1996:EPC

- [1089] E. Chaput, C. Gacherieu, and L. Tourrette. Experience with parallel computing for the design of transport aircrafts at aerospatiale. *Lecture Notes in Computer Science*, 1067:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1996:IAD

- [1090] P. Allen, R. McKendrick, C. Scott, and M. Buonanno. Interactive anomaly detection in large transaction history databases. *Lecture Notes in Computer Science*, 1067:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watson:1996:SMI

- [1091] P. Watson, M. Ward, and K. Hoyle. The system management of the ICL GOLDRUSH parallel database server. *Lecture Notes in Computer Science*, 1067:150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freitas:1996:PDM

- [1092] A. A. Freitas and S. H. Lavington. Parallel data mining for very large relational databases. *Lecture Notes in Computer Science*, 1067:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Williams:1996:DSM

- [1093] M. H. Williams, S. Zhou, H. Taylor, and N. Tomov. Decision supporting for management of parallel database systems. *Lecture Notes in Computer Science*, 1067:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meacham:1996:PGM

- [1094] K. Meacham and D. Green. Parallelization of the GROMOS87 molecular dynamics code: An update. *Lecture Notes in Computer Science*, 1067:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Addison:1996:PPN

- [1095] C. Addison, E. Appiani, R. Cook, and M. Corvi. PULSAR: Parallel noise despeckling of SAR images. *Lecture Notes in Computer Science*, 1067:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gill:1996:RPR

- [1096] A. Gill, M. Surridge, G. Scielzo, and R. Felici. RAPT: A parallel radiotherapy treatment planning code. *Lecture Notes in Computer Science*, 1067:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kandhai:1996:CMA

- [1097] B. D. Kandhai, P. M. A. Sloot, and J. P. Huot. Constrained migration of an atmospheric circulation model. *Lecture Notes in Computer Science*, 1067:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:PMA

- [1098] A. Mueller. Parallelization of a mesoscale atmospheric transport-chemistry model. *Lecture Notes in Computer Science*, 1067:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGijzen:1996:POF

- [1099] M. B. Van Gijzen. Parallel ocean flow computations on a regular and on an irregular grid. *Lecture Notes in Computer Science*, 1067:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dormanns:1996:EAP

- [1100] M. Dormanns and W. Sprangers. Experiences with asynchronous parallel molecular dynamics simulations. *Lecture Notes in Computer Science*, 1067:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joosen:1996:AOC

- [1101] W. Joosen, S. Bijmens, J. Van Oeyen, and B. Robben. Affordable overhead in CORRELATE: Comparing two MD simulators. *Lecture Notes in Computer Science*, 1067:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boryczko:1996:ECD

- [1102] K. Boryczko, J. Kitowski, and J. Moscinski. Efficiency comparison of data-parallel programming and message-passing paradigm for molecular dynamics simulation. *Lecture Notes in Computer Science*, 1067:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Segers:1996:PMC

- [1103] J. Segers, J. Lukkien, and P. Hilbers. Parallel Monte Carlo simulation of chemical surface reactions: A case study. *Lecture Notes in Computer Science*, 1067:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:DDM

- [1104] M. Bubak, J. Moscinski, and M. Pogoda. Distributed 2-D molecular dynamics simulation on networked workstations and multiprocessors. *Lecture Notes in Computer Science*, 1067:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Apostolakis:1996:GPP

- [1105] J. Apostolakis, L. M. Bertolotto, C. E. Bruschini, and P. Calafiura. General-purpose parallel computing in a high-energy physics experiment at CERN.

Lecture Notes in Computer Science, 1067:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Apostolakis:1996:PSH

- [1106] J. Apostolakis. Parallel simulation for high energy physics. *Lecture Notes in Computer Science*, 1067:258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nikita:1996:FPM

- [1107] K. S. Nikita and A. J. Marsh. Focusing of the pulse modulated radiation of a concentric waveguide array in biological tissues: An investigation made feasible by HPC. *Lecture Notes in Computer Science*, 1067:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoekstra:1996:SLS

- [1108] A. G. Hoekstra, M. D. Grimminck, and P. M. A. Sloot. Simulating light scattering from micron-sized particles: A parallel fast discrete dipole approximation. *Lecture Notes in Computer Science*, 1067:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fogaccia:1996:LBS

- [1109] G. Fogaccia, R. Benzi, and F. Romanelli. Lattice Boltzmann simulations of electrostatic plasma turbulence. *Lecture Notes in Computer Science*, 1067:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strietzel:1996:PTS

- [1110] M. Strietzel. Parallel turbulence simulation based on MPI. *Lecture Notes in Computer Science*, 1067:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cabitza:1996:EHS

- [1111] G. Cabitza, C. Nardone, C. Bagaini, and A. Balzano. Experiences with HPF for scientific applications. *Lecture Notes in Computer Science*, 1067:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verdu:1996:RTN

- [1112] I. Verdu, D. Gimenez, and J. C. Torres. Ray tracing for natural scenes in parallel processors. *Lecture Notes in Computer Science*, 1067:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bachem:1996:MTS

- [1113] A. Bachem, C. Gawron, C. Moll, and M. Rickert. MiCrosopic traffic simulations of road networks using high-performance computers. *Lecture Notes in Computer Science*, 1067:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fraysse:1996:PCS

- [1114] V. Fraysse, L. Giraud, and V. Toumazou. Parallel computation of spectral portraits on the Meiko CS2. *Lecture Notes in Computer Science*, 1067:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kurc:1996:APM

- [1115] T. M. Kurc, C. Aykanat, and B. Oezguc. Active pixel merging on hypercube multicomputers. *Lecture Notes in Computer Science*, 1067:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Persson:1996:PII

- [1116] T. Persson and P. Fritzon. Parallel implementation of image reconstruction for the CARABAS long-wave penetrating radar. *Lecture Notes in Computer Science*, 1067:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neschen:1996:CFR

- [1117] M. Neschen and F. Nuebel. COGNITUS — fast and reliable recognition of handwritten forms based on vector quantisation. *Lecture Notes in Computer Science*, 1067:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rieger:1996:PIA

- [1118] H. Rieger, L. Fornasier, D. Ockel, and S. Haberhauer. Pilot-implementation of an aerospace design system into a parallel user simulation environment. *Lecture Notes in Computer Science*, 1067:340–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wedemeijer:1996:PSA

- [1119] H. Wedemeijer, H. L. H. Cox, D. J. Verschuur, and I. L. Ritsema. Parallelisation of seismic algorithms using PVM and FORGE. *Lecture Notes in*

Computer Science, 1067:352–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rudgyard:1996:PLC

- [1120] M. Rudgyard, T. Schoenfeld, and I. D’Ast. A parallel library for CFD and other grid-based applications. *Lecture Notes in Computer Science*, 1067:358–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

O’Donnell:1996:IEB

- [1121] T. J. O’Donnell, S. G. Hotovy, M. S. Pottle, and D. R. Ripoll. Implementation of ECEPP-Based programs on the IBM SP2 and the SGI power challenge computers. *Lecture Notes in Computer Science*, 1067:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kechadi:1996:PSE

- [1122] M. T. Kechadi, P. Kiernan, D. Hegarty, and K. Dawson. Parallel simulation environment for polymers, DNA and protein molecular chains. *Lecture Notes in Computer Science*, 1067:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fet:1996:PPC

- [1123] A. I. Fet and L. N. Romanov. Prediction of properties of chemical elements and combinations. *Lecture Notes in Computer Science*, 1067:379–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marsh:1996:BCS

- [1124] A. Marsh and D. I. Kaklamani. A benchmark comparison for suitable

HPC platforms to solve electrically large planar conducting structures via a parallel method of moments technique. *Lecture Notes in Computer Science*, 1067:387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seifert:1996:CSS

- [1125] G. Seifert, T. Heine, O. Knospe, and R. Schmidt. Computer simulations for the structure and dynamics of large molecules, clusters and solids. *Lecture Notes in Computer Science*, 1067:393–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Serkin:1996:SUN

- [1126] V. N. Serkin, T. L. Belyaeva, and E. V. Samarina. Simulation of ultrafast nonlinear electro-magnetic phenomena on the basis of Maxwell’s equations solutions. *Lecture Notes in Computer Science*, 1067:402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cook:1996:MPS

- [1127] J. Cook, P. Bjoerstad, and J. Braekhus. Multilevel parallel solution of large, sparse finite element equations from structural analysis. *Lecture Notes in Computer Science*, 1067:404–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adorni:1996:BPB

- [1128] G. Adorni, P. Ornelli, W. Bellettato, and F. D’Oria. BLOWPAC project: BLOWmolding modelling by PARallel computing techniques. *Lecture Notes in Computer Science*, 1067:413–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aloisio:1996:MLS

- [1129] G. Aloisio, M. A. Bochicchio, and M. La Scala. Metacomputing for on-line stability analysis in power systems: A proposal. *Lecture Notes in Computer Science*, 1067:421–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baraglia:1996:MSC

- [1130] R. Baraglia, G. Faieta, M. Formica, and D. Laforenza. Metacomputing to solve complex computational problems. A case study: Evolution of galaxies. *Lecture Notes in Computer Science*, 1067:429–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rankin:1996:EUE

- [1131] R. F. Rankin and P. Sage. Experiences using the European ATM Pilot Network. *Lecture Notes in Computer Science*, 1067:441–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dzwinel:1996:PPO

- [1132] D. Dzwinel. Particles paradigm and optimization problems. *Lecture Notes in Computer Science*, 1067:447–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corno:1996:PGA

- [1133] F. Corno, P. Prinetto, M. Rebaudengo, and M. Sonza Reorda. A parallel genetic algorithm for automatic generation of test sequences for digital circuits. *Lecture Notes in Computer*

Science, 1067:454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DellaRocca:1996:RPS

- [1134] A. B. Della Rocca, L. La Porta, and F. Valentinotti. Radiographic process simulation by integration of Boltzmann equation on SIMD architecture (quadries QH4). *Lecture Notes in Computer Science*, 1067:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1996:TTP

- [1135] H. X. Lin, A. J. C. Van Gemund, J. Meijdam, and P. Nauta. TGEX: a tool for portable parallel and distributed execution of unstructured problems. *Lecture Notes in Computer Science*, 1067:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bik:1996:ISP

- [1136] A. J. C. Bik and H. A. G. Wijshoff. Iteration space partitioning. *Lecture Notes in Computer Science*, 1067:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ceccolini:1996:TDS

- [1137] A. Ceccolini, M. Danelutto, G. Orsini, and S. Pelagatti. A tool for the development of structured parallel applications. *Lecture Notes in Computer Science*, 1067:485–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pellegrini:1996:SSP

- [1138] F. Pellegrini and J. Roman. SCOTCH: A software package for static mapping by dual recursive bipartitioning of process and architecture graphs. *Lecture Notes in Computer Science*, 1067:493–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chu-Carroll:1996:DIG

- [1139] M. Chu-Carroll and L. L. Pollock. Design and implementation of a general purpose parallel programming system. *Lecture Notes in Computer Science*, 1067:499–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luksch:1996:SEM

- [1140] P. Luksch, U. Maier, S. Rathmayer, and M. Weidmann. Software engineering methods for parallel and distributed scientific computing. *Lecture Notes in Computer Science*, 1067:508–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiGregorio:1996:PCE

- [1141] S. Di Gregorio, R. Rongo, W. Spataro, and G. Spezzano. A parallel cellular environment for high performance scientific computing. *Lecture Notes in Computer Science*, 1067:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calzarossa:1996:PPE

- [1142] M. Calzarossa, L. Massari, A. Merlo, and D. Tessera. Parallel performance

evaluation: The MEDEA tool. *Lecture Notes in Computer Science*, 1067: 522–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hernandez:1996:PGN

- [1143] E. Hernandez. Parallelizing for a good node performance. *Lecture Notes in Computer Science*, 1067:530–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kempf:1996:SSP

- [1144] G. Kempf, A. Van der Steen, C. Caremoli, and W.-Y. Thang. Simulation of scientific programs on parallel architectures. *Lecture Notes in Computer Science*, 1067:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuan:1996:LBP

- [1145] X. Yuan, B. He, D. Balsara, and R. Melhem. A load balancing package for domain decomposition on distributed memory systems. *Lecture Notes in Computer Science*, 1067:547–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRonde:1996:LBR

- [1146] J. F. De Ronde, A. Schoneveld, P. M. A. Sloot, and N. Floros. Load balancing by redundant decomposition and mapping. *Lecture Notes in Computer Science*, 1067:555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeDoncker:1996:TML

- [1147] E. De Doncker, P. Ealy, and A. Gupta. Two methods for load balanced distributed adaptive integration. *Lecture Notes in Computer Science*, 1067:562–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schiemann:1996:NAL

- [1148] B. Schiemann and L. Borrmann. A new approach for load balancing in high performance decision support systems. *Lecture Notes in Computer Science*, 1067:571–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diekmann:1996:PPP

- [1149] R. Diekmann, U. Dralle, F. Neugebauer, and T. Roemke. PadFEM: A portable parallel FEM-Tool. *Lecture Notes in Computer Science*, 1067:580–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vanderstraeten:1996:HPS

- [1150] D. Vanderstraeten, F.-X. Roux, and R. Keunings. A hybrid parallel solver for finite element computations. *Lecture Notes in Computer Science*, 1067: 586–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanEwijk:1996:FDT

- [1151] L. J. Van Ewijk. The finite difference time domain method on a massively parallel computer. *Lecture Notes in Computer Science*, 1067:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Issman:1996:PIC

- [1152] E. Issman and G. Degrez. A parallel implicit compressible multidimensional upwind Euler/Navier–Stokes solver on unstructured meshes. *Lecture Notes in Computer Science*, 1067:599–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brenner:1996:MAD

- [1153] G. Brenner, T. Schoenfeld, and N. Mangiavacchi. A multiphysics approach to the direct numerical simulation of turbulent flows on parallel computers. *Lecture Notes in Computer Science*, 1067:607–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:APM

- [1154] J. Wu. Adaptive parallel multigrid in computational fluid dynamics. *Lecture Notes in Computer Science*, 1067:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goossens:1996:BIP

- [1155] S. Goossens, E. Issman, G. Degrez, and D. Roose. Block ILP0-01U(0) preconditioning for a GMRES based Euler/Navier–Stokes solver. *Lecture Notes in Computer Science*, 1067:619–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simon:1996:SPV

- [1156] J. Simon and J.-M. Wierum. Sequential performance versus scalability: Optimizing parallel LU-Decomposition. *Lecture Notes in Computer Science*, 1067:627–??, 1996. CODEN LNCSD9.

ISSN 0302-9743 (print), 1611-3349 (electronic).

Diderich:1996:STS

- [1157] C. G. Diderich and M. Gengler. Solving traveling salesman problems using a parallel synchronized branch and bound algorithm. *Lecture Notes in Computer Science*, 1067:633–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garcia:1996:PHS

- [1158] D. Garcia, F. Suarez, J. Garcia, and M. Cuervo. A parallel hot strip mill simulator for testing embedded real-time monitoring system. *Lecture Notes in Computer Science*, 1067:639–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doallo:1996:PSM

- [1159] R. Doallo, B. B. Fraguera, J. Touriño, and E. L. Zapata. Parallel sparse modified Gram–Schmidt QR decomposition. *Lecture Notes in Computer Science*, 1067:646–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dion:1996:ADM

- [1160] M. Dion. Affine data mapping with residual communication optimization: Evaluation of heuristics. *Lecture Notes in Computer Science*, 1067:654–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbenz:1996:RCS

- [1161] P. Arbenz, W. Gander, and M. Oetli. The remote computation system. *Lecture Notes in Computer Science*, 1067:662–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fornasari:1996:CGA

- [1162] N. Fornasari and S. Rovida. Conjugate-gradients algorithms on a CRAY-T3D. *Lecture Notes in Computer Science*, 1067:668–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bates:1996:SCM

- [1163] C. Bates, I. E. Jelly, I. Forgacs, and E. Szabo. Semantic computability: A mechanism for the description of test data sets for scalable information systems. *Lecture Notes in Computer Science*, 1067:677–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kukla:1996:ISD

- [1164] R. Kukla and J. Kerridge. Intelligent storage devices for scalable information management systems. *Lecture Notes in Computer Science*, 1067:683–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McCann:1996:MTD

- [1165] J. A. McCann, A. MacFarlane, and H. M. Liddell. Management tools for distributed interoperable environments. *Lecture Notes in Computer Science*, 1067:689–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLiere:1996:CS

- [1166] R. Van Liere, J. D. Mulder, and J. J. Van Wijk. Computational steering. *Lecture Notes in Computer Science*, 1067:696–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DellaRocca:1996:ICQ

- [1167] A. B. Della Rocca, S. Ferriani, and L. La Porta. Image convolutions by quadrics Q1. *Lecture Notes in Computer Science*, 1067:703–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larkin:1996:VLS

- [1168] S. Larkin, A. J. Grant, and W. T. Hewitt. ‘Vipar’ libraries to support distribution and processing of visualization datasets. *Lecture Notes in Computer Science*, 1067:711–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sirbu:1996:BPV

- [1169] M. G. Sirbu and D. C. Marinescu. Bond — A parallel virtual environment. *Lecture Notes in Computer Science*, 1067:722–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernaschi:1996:ECC

- [1170] M. Bernaschi, F. Papetti, and G. Iannello. Efficient collective communication operations for parallel industrial codes. *Lecture Notes in Computer Science*, 1067:729–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Czech:1996:RPS

- [1171] Z. J. Czech and W. Mikanic. Randomized PRAM simulation using T9000 transputers. *Lecture Notes in Computer Science*, 1067:736–??, 1996. CO-

DEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Itoh:1996:TRB

- [1172] T. Itoh and M. Kohata. Torus-ring-bus connected hierarchic parallel machine. *Lecture Notes in Computer Science*, 1067:744–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demuynck:1996:ICM

- [1173] K. Demuynck, J. Broeckhove, and F. Arickx. The impact of communication mechanisms on the performance in a distributed virtual reality system. *Lecture Notes in Computer Science*, 1067:755–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuhn:1996:PPB

- [1174] W. Kuhn. Performance prediction and benchmarking: Results from the ALP-STONE project. *Lecture Notes in Computer Science*, 1067:762–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:PMR

- [1175] J. J. Dongarra, T. Hey, and E. Strohmaier. PARKBENCH: Methodology, relations and results. *Lecture Notes in Computer Science*, 1067:770–777, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boulet:1996:EAP

- [1176] P. Boulet and T. Brandes. Evaluation of automatic parallelization strategies for HPF compilers. *Lecture Notes in Computer Science*, 1067:778–791, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boulet:1996:BFL

- [1177] P. Boulet. Bouclettes: A Fortran loop parallelizer. *Lecture Notes in Computer Science*, 1067:784–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nisbet:1996:SCN

- [1178] A. P. Nisbet and R. W. Ford. Spinning-on-coherency: A new VSM optimisation for write-invalidate. *Lecture Notes in Computer Science*, 1067:792–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krantz:1996:RFP

- [1179] A. T. Krantz, A. Zadroga, S. E. Chodrow, and V. S. Sunderam. An RPC facility for PVM. *Lecture Notes in Computer Science*, 1067:798–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kranzmueller:1996:DMP

- [1180] D. Kranzmueller, S. Grabner, and J. Volkert. Debugging massively parallel programs with ATEMPT. *Lecture Notes in Computer Science*, 1067:806–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Polman:1996:DLS

- [1181] M. Polman and M. Van Steen. Design level support for parallel and distributed applications. *Lecture Notes in Computer Science*, 1067:812–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbenz:1996:SRP

- [1182] P. Arbenz, W. Gander, H. P. Luethi, and U. Von Matt. Sciddle 4.0, or, remote procedure calls in PVM. *Lecture Notes in Computer Science*, 1067:820–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:LFC

- [1183] J. J. Dongarra, J. Du Croz, S. Hammarling, and J. Wasniewski. LAPACK for Fortran 90 compiler. *Lecture Notes in Computer Science*, 1067:826–833, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandes:1996:RHI

- [1184] T. Brandes and D. Greco. Realization of an HPF interface to ScaLAPACK with redistributions. *Lecture Notes in Computer Science*, 1067:834–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fang:1996:SPP

- [1185] N. Fang and H. Burkhart. Structured parallel programming using MPI. *Lecture Notes in Computer Science*, 1067:840–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caromel:1996:EEP

- [1186] D. Caromel, P. Dzwig, R. Kauffman, and H. Liddell. EC++ — EUROPA parallel C++. A draft definition. *Lecture Notes in Computer Science*, 1067:848–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ulrich:1996:OOO

- [1187] R. Ulrich and W. Dulz. OSSCAR — object oriented simulation of slotted communication architectures. *Lecture Notes in Computer Science*, 1067:858–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yau:1996:EEH

- [1188] H. W. Yau, A. Leung, W. Furmanski, and G. C. Fox. Exploration of emerging HPCN technologies for Web-Based distributed computing. *Lecture Notes in Computer Science*, 1067:869–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:CTH

- [1189] J. J. Dongarra, H. W. Meuer, H. D. Simon, and E. Strohmaier. Changing technologies of HPC. *Lecture Notes in Computer Science*, 1067:875–879, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strumpen:1996:PHP

- [1190] V. Strumpen, B. Ramkumar, T. L. Casavant, and S. M. Reddy. Perspectives for high performance computing in workstation networks. *Lecture Notes in Computer Science*, 1067:880–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAcierno:1996:BPL

- [1191] A. D’Acierno and S. Palma. The back-propagation learning algorithm on the Meiko CS-2: Two mapping schemes. *Lecture Notes in Computer Science*, 1067:890–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holthoff:1996:PLS

- [1192] H. Holthoff, W. Roensch, H. Bleecke, and B. Einfeld. Parallelization of large scale industrial aerodynamic applications on the IBM RS/6000 SP. *Lecture Notes in Computer Science*, 1067:901–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engstroem:1996:BIN

- [1193] K. Engstroem, E. Reitsma, and P. Fritzson. Benchmarking an intelligent network prototype implemented in Parallel Erlang. *Lecture Notes in Computer Science*, 1067:905–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anand:1996:HPD

- [1194] S. S. Anand, D. A. Bell, J. G. Hughes, and C. M. Shapcott. A high-performance data mining server. *Lecture Notes in Computer Science*, 1067:907–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dechamboux:1996:UDS

- [1195] P. Dechamboux, D. Hagimont, and M. Lopez. Using a distributed shared memory for implementing efficient information mediators. *Lecture Notes in Computer Science*, 1067:909–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walter:1996:DIP

- [1196] D. Walter and J. Kerridge. The design of the IRISS parallel database

machine. *Lecture Notes in Computer Science*, 1067:913–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feeley:1996:LRP

- [1197] M. Feeley. Lazy remote procedure call and its implementation in a parallel variant of C. *Lecture Notes in Computer Science*, 1068:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ito:1996:EES

- [1198] T. Ito. Efficient evaluation strategies for structured concurrency constructs in parallel scheme systems. *Lecture Notes in Computer Science*, 1068:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moreau:1996:SPF

- [1199] L. Moreau and D. Ribbens. The semantics of pcall and fork in the presence of first-class continuations and side-effects. *Lecture Notes in Computer Science*, 1068:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halstead:1996:UPP

- [1200] R. H. Halstead. Understanding the performance of parallel symbolic programs. *Lecture Notes in Computer Science*, 1068:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamada:1996:DSF

- [1201] T. Kamada and A. Yonezawa. A debugging scheme for fine-grain threads on massively parallel processors with a

small amount of log information-replay and race detection. *Lecture Notes in Computer Science*, 1068:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cox:1996:DPE

- [1202] P. Cox, H. Glaser, and B. Lanaspri. Distributed prograph: Extended abstract. *Lecture Notes in Computer Science*, 1068:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ueda:1996:ESM

- [1203] K. Ueda. Experiences with strong modeling in concurrent logic/constraint programming. *Lecture Notes in Computer Science*, 1068:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yelick:1996:PPI

- [1204] K. Yelick, C.-P. Wen, S. Chakrabarti, and E. Deprit. Portable parallel irregular applications. *Lecture Notes in Computer Science*, 1068:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raghavachari:1996:ULS

- [1205] M. Raghavachari and A. Rogers. Understanding language support for irregular parallelism. *Lecture Notes in Computer Science*, 1068:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kale:1996:EPG

- [1206] L. V. Kale, B. H. Richards, and T. D. Allen. Efficient parallel graph coloring with prioritization. *Lecture Notes in Computer Science*, 1068:190–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giavitto:1996:GBF

- [1207] J. Giavitto, O. Michel, and J. Sansonnet. Group-based fields. *Lecture Notes in Computer Science*, 1068:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nikhil:1996:PSC

- [1208] R. S. Nikhil. Parallel symbolic computing in Cid. *Lecture Notes in Computer Science*, 1068:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ishikawa:1996:OME

- [1209] Y. Ishikawa, A. Hori, M. Sato, and M. Matsuda. An overview of MPC++ — extended abstract. *Lecture Notes in Computer Science*, 1068:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen-Tuong:1996:FTR

- [1210] A. Nguyen-Tuong, A. G. Grimshaw, and J. F. Karpovich. Fault tolerance via replication in coarse grain data-flow. *Lecture Notes in Computer Science*, 1068:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bal:1996:EPS

- [1211] H. Bal, K. Langendoen, and R. Bhoedjang. Experience with parallel symbolic applications in Orca. *Lecture Notes in Computer Science*, 1068:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chikayama:1996:KPP

- [1212] T. Chikayama. KLIC: A portable parallel implementation of a concurrent logic programming language. *Lecture Notes in Computer Science*, 1068:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Queinnec:1996:DOD

- [1213] C. Queinnec. DMEROON, overview of a distributed class-based causally-coherent data model. *Lecture Notes in Computer Science*, 1068:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piquer:1996:RIT

- [1214] J. M. Piquer. A re-implementation of TransPive: Lessons from the experience. *Lecture Notes in Computer Science*, 1068:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRoure:1996:RDL

- [1215] D. De Roure. The role of distributed Lisp in open hypermedia information systems. *Lecture Notes in Computer Science*, 1068:330–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Padget:1996:FVM

- [1216] J. Padget. Foundations for a virtual multicomputer — progress report. *Lecture Notes in Computer Science*, 1068:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berthomieu:1996:PCW

- [1217] B. Berthomieu. Process calculi at work — an account of the LCS project. *Lecture Notes in Computer Science*, 1068:344–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tokoro:1996:ATS

- [1218] M. Tokoro. Agents: Towards a society in which humans and computers co-habitate. *Lecture Notes in Computer Science*, 1069:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arlabosse:1996:AE

- [1219] F. Arlabosse. ARCHON and its environment. *Lecture Notes in Computer Science*, 1069:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werner:1996:WAC

- [1220] E. Werner. What ants cannot do. *Lecture Notes in Computer Science*, 1069:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wooldridge:1996:TTC

- [1221] M. Wooldridge and N. Jennings. Towards a theory of cooperative problem solving. *Lecture Notes in Computer Science*, 1069:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ekenberg:1996:THU

- [1222] L. Ekenberg, M. Danielson, and M. Boman. A tool for handling uncertain information in multi-agent sys-

tems. *Lecture Notes in Computer Science*, 1069:54–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haegg:1996:STM

- [1223] S. Haegg, F. Ygge, R. Gustavsson, and H. Ottosson. DA-Soc: A testbed for modelling distribution automation applications using agent-oriented programming. *Lecture Notes in Computer Science*, 1069:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Masthoff:1996:AMA

- [1224] J. Masthoff and R. Van Hoe. AP-PEAL: A multi-agent approach to interactive learning environments. *Lecture Notes in Computer Science*, 1069:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bijnens:1996:LCC

- [1225] S. Bijnens, W. Joosen, and P. Verbaeten. Language constructs for coordination in an agent space. *Lecture Notes in Computer Science*, 1069:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghedira:1996:DAP

- [1226] K. Ghedira. A distributed approach to partial constraint satisfaction problems. *Lecture Notes in Computer Science*, 1069:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsubayashi:1996:CSR

- [1227] K. Matsubayashi and M. Tokoro. A collaboration strategy for repetitive encounters. *Lecture Notes in Computer Science*, 1069:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boissier:1996:AAS

- [1228] O. Boissier and Y. Demazeau. ASIC: An architecture for social and individual control and its application to computer vision. *Lecture Notes in Computer Science*, 1069:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaib-Draa:1996:HMC

- [1229] B. Chaib-Draa and P. Levesque. Hierarchical model and communication by signs, signals and symbols in multi-agent environments. *Lecture Notes in Computer Science*, 1069:150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Falcone:1996:PRS

- [1230] R. Falcone and C. Castelfranchi. Plan recognition: from single-agent to multi-agent plans. *Lecture Notes in Computer Science*, 1069:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hahndel:1996:DNB

- [1231] S. Hahndel, F. Fuchs, and P. Levi. Distributed negotiation-based task planning for a flexible manufacturing environment. *Lecture Notes in Computer Science*, 1069:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bussman:1996:MAA

- [1232] S. Bussman. A multi-agent approach to dynamic, adaptive scheduling of material flow. *Lecture Notes in Computer Science*, 1069:191–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Overgaard:1996:MPA

- [1233] L. Overgaard, H. Petersen, and J. Peram. Motion planning for an articulated robot: A multi-agent approach. *Lecture Notes in Computer Science*, 1069:206–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coppersmith:1996:LER

- [1234] Don Coppersmith, Matthew Franklin, Jacques Patarin, and Michael Reiter. Low-exponent RSA with related messages. *Lecture Notes in Computer Science*, 1070:1–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700001.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700001.pdf>.

Bleichenbacher:1996:GES

- [1235] Daniel Bleichenbacher. Generating ElGamal signatures without knowing the secret key. *Lecture Notes in Computer Science*, 1070:10–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700010.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700010.pdf>.

[/link.springer-ny.com/link/service/series/0558/papers/1070/10700010.pdf](http://link.springer-ny.com/link/service/series/0558/papers/1070/10700010.pdf).

Preneel:1996:STM

- [1236] Bart Preneel and Paul C. van Oorschot. On the security of two MAC algorithms. *Lecture Notes in Computer Science*, 1070:19–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700019.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700019.pdf>.

Patarin:1996:HFE

- [1237] Jacques Patarin. Hidden fields equations (HFE) and isomorphisms of polynomials (IP): Two new families of asymmetric algorithms. *Lecture Notes in Computer Science*, 1070:33–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700033.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700033.pdf>.

Meyer:1996:PKC

- [1238] Bernd Meyer and Volker Müller. A public key cryptosystem based on elliptic curves over $\mathbf{Z}/n\mathbf{Z}$ equivalent to factoring. *Lecture Notes in Computer Science*, 1070:49–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700049.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700049.pdf>.

bibs/1070/10700049.htm; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700049.pdf>.

Schwenk:1996:PKE

- [1239] Jörg Schwenk and Jörg Eisfeld. Public key encryption and signature schemes based on polynomials over \mathbf{Z}_n . *Lecture Notes in Computer Science*, 1070:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700060.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700060.pdf>.

Cramer:1996:MAS

- [1240] Ronald Cramer, Matthew Franklin, Berry Schoenmakers, and Moti Yung. Multi-authority secret-ballot elections with linear work. *Lecture Notes in Computer Science*, 1070:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700072.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700072.pdf>.

Pfitzmann:1996:AF

- [1241] Birgit Pfitzmann and Matthias Schunter. Asymmetric fingerprinting. *Lecture Notes in Computer Science*, 1070:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700084.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700084.pdf>.

[/link.springer-ny.com/link/service/series/0558/papers/1070/10700084.pdf](http://link.springer-ny.com/link/service/series/0558/papers/1070/10700084.pdf).

Burmester:1996:HSS

- [1242] Mike V. D. Burmester. Homomorphisms of secret sharing schemes: A tool for verifiable signature sharing. *Lecture Notes in Computer Science*, 1070:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700096.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700096.pdf>.

Blackburn:1996:EMS

- [1243] Simon R. Blackburn, Mike V. D. Burmester, Yvo Desmedt, and Peter R. Wild. Efficient multiplicative sharing schemes. *Lecture Notes in Computer Science*, 1070:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700107.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700107.pdf>.

Beaver:1996:EOT

- [1244] Donald Beaver. Equivocable oblivious transfer. *Lecture Notes in Computer Science*, 1070:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700119.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700119.pdf>.

com/link/service/series/0558/papers/1070/10700119.pdf.

Hong:1996:NMM

Boyar:1996:SDP

- [1245] Joan Boyar and René Peralta. Short discreet proofs. *Lecture Notes in Computer Science*, 1070:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700131.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700131.pdf>.

- [1248] Seong-Min Hong, Sang-Yeop Oh, and Hyunsoo Yoon. New modular multiplication algorithms for fast modular exponentiation. *Lecture Notes in Computer Science*, 1070:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700166.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700166.pdf>.

Jakobsson:1996:DVP

- [1246] Markus Jakobsson, Kazue Sako, and Russell Impagliazzo. Designated verifier proofs and their applications. *Lecture Notes in Computer Science*, 1070:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700143.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700143.pdf>.

Coppersmith:1996:FSRb

- [1249] Don Coppersmith. Finding a small root of a bivariate integer equation; factoring with high bits known. *Lecture Notes in Computer Science*, 1070:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700178.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700178.pdf>.

Coppersmith:1996:FSRa

- [1247] Don Coppersmith. Finding a small root of a univariate modular equation. *Lecture Notes in Computer Science*, 1070:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700155.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700155.pdf>.

Stadler:1996:PVS

- [1250] Markus A. Stadler. Publicly verifiable secret sharing. *Lecture Notes in Computer Science*, 1070:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700190.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700190.pdf>.

Ogata:1996:OSS

- [1251] Wakaha Ogata and Kaoru Kurosawa. Optimum secret sharing scheme secure against cheating. *Lecture Notes in Computer Science*, 1070:200–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700200.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700200.pdf>.

Gibson:1996:SGP

- [1252] Keith Gibson. The security of the Gabidulin public key cryptosystem. *Lecture Notes in Computer Science*, 1070:212–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700212.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700212.pdf>.

Knudsen:1996:NLA

- [1253] Lars R. Knudsen and Matthew J. B. Robshaw. Non-linear approximations in linear cryptanalysis. *Lecture Notes in Computer Science*, 1070:224–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700224.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700224.pdf>.

Knudsen:1996:DSK

- [1254] Lars R. Knudsen and Torben P. Pedersen. On the difficulty of software key escrow. *Lecture Notes in Computer Science*, 1070:237–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700237.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700237.pdf>.

Fischer:1996:EPR

- [1255] Jean-Bernard Fischer and Jacques Stern. An efficient pseudo-random generator provably as secure as syndrome decoding. *Lecture Notes in Computer Science*, 1070:245–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700245.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700245.pdf>.

Klapper:1996:ESF

- [1256] Andrew Klapper. On the existence of secure feedback registers. *Lecture Notes in Computer Science*, 1070:256–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700256.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700256.pdf>.

Golic:1996:FLO

- [1257] Jovan Dj. Golic. Fast low order approximation of cryptographic functions. *Lecture Notes in Computer Science*, 1070:268–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700268.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700268.pdf>.

Camion:1996:CRF

- [1258] Paul Camion and Anne Canteaut. Construction of t -resilient functions over a finite alphabet. *Lecture Notes in Computer Science*, 1070:283–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700283.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700283.pdf>.

Zhang:1996:ACN

- [1259] Xian-Mo Zhang and Yuliang Zheng. Auto-correlations and new bounds on the nonlinearity of Boolean functions. *Lecture Notes in Computer Science*, 1070:294–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700294.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700294.pdf>.

Aiello:1996:FBA

- [1260] William Aiello and Ramarathnam Venkatesan. Foiling birthday attacks in length-doubling transformations. *Lecture Notes in Computer Science*, 1070:307–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700307.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700307.pdf>.

Shoup:1996:SKD

- [1261] Victor Shoup and Avi Rubin. Session key distribution using smart cards. *Lecture Notes in Computer Science*, 1070:321–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700321.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700321.pdf>.

vanOorschot:1996:DHK

- [1262] Paul C. van Oorschot and Michael J. Wiener. On Diffie–Hellman key agreement with short exponents. *Lecture Notes in Computer Science*, 1070:332–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700332.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700332.pdf>.

Shoup:1996:SPI

- [1263] Victor Shoup. On the security of a practical identification scheme. *Lecture Notes in Computer Science*, 1070: 344–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700344.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700344.pdf>.

Gennaro:1996:RTD

- [1264] Rosario Gennaro, Stanislaw Jarecki, Hugo Krawczyk, and Tal Rabin. Robust threshold DSS signatures. *Lecture Notes in Computer Science*, 1070: 354–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700354.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700354.pdf>.

Damgaard:1996:NCU

- [1265] Ivan Bjerre Damgård and Torben Pryds Pedersen. New convertible undeniable signature schemes. *Lecture Notes in Computer Science*, 1070:372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700372.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700372.pdf>.

Pointcheval:1996:SPS

- [1266] David Pointcheval and Jacques Stern. Security proofs for signature schemes. *Lecture Notes in Computer Science*, 1070:387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700387.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700387.pdf>.

Bellare:1996:ESD

- [1267] Mihir Bellare and Phillip Rogaway. The exact security of digital signatures — how to sign with RSA and Rabin. *Lecture Notes in Computer Science*, 1070:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1070/10700399.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1070/10700399.pdf>.

Anonymous:1996:AIa

- [1268] Anonymous. Author index. *Lecture Notes in Computer Science*, 1070:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/papers/1070/1070indx.pdf>.

Andrews:1996:STF

- [1269] P. B. Andrews and M. Bishop. On sets, types, fixed points, and checkerboards. *Lecture Notes in Computer Science*, 1071:1–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

D'Agostino:1996:FTM

- [1270] M. D'Agostino and D. M. Gabbay. Fibred tableaux for multi-implication logics. *Lecture Notes in Computer Science*, 1071:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alechina:1996:ISC

- [1271] N. Alechina. Interpolation for a sequent calculus of generalized quantifiers. *Lecture Notes in Computer Science*, 1071:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Avellone:1996:ADF

- [1272] A. Avellone and M. Ferrari. Almost duplication free tableau calculi for propositional Lax logics. *Lecture Notes in Computer Science*, 1071:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baaz:1996:CMV

- [1273] M. Baaz and C. G. Fermueller. Combining many-valued and intuitionistic tableaux. *Lecture Notes in Computer Science*, 1071:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Becher:1996:CC

- [1274] G. Becher. Cyclic connections. *Lecture Notes in Computer Science*, 1071:80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beckert:1996:ITR

- [1275] B. Beckert and C. Pape. Incremental theory reasoning methods for semantic tableaux. *Lecture Notes in Computer Science*, 1071:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Billon:1996:DMC

- [1276] J.-P. Billon. The disconnection method: a confluent integration of unification in the analytic framework. *Lecture Notes in Computer Science*, 1071:110–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonatti:1996:SCD

- [1277] P. A. Bonatti. Sequent calculi for default and autoepistemic logics. *Lecture Notes in Computer Science*, 1071:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bry:1996:MMG

- [1278] F. Bry and A. Yahya. Minimal model generation with positive unit hyper-resolution tableaux. *Lecture Notes in Computer Science*, 1071:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pith:1996:DMT

- [1279] J. Pith and J. Cunningham. Distributed modal theorem proving with KE. *Lecture Notes in Computer Science*, 1071:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demri:1996:STS

- [1280] S. Demri. A simple tableau system for the logic of elsewhere. *Lecture Notes in Computer Science*, 1071:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fronhoefer:1996:SCL

- [1281] B. Fronhoefer. Situational calculus, linear connection proofs and STRIPS-like planning: an experimental comparison. *Lecture Notes in Computer Science*, 1071:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joinet:1996:SNA

- [1282] J.-B. Joinet, H. Schellinx, and L. Tortora De Falco. Strong normalization for all style LK010q. *Lecture Notes in Computer Science*, 1071:226–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Otten:1996:SUU

- [1283] J. Otten and C. Kreitz. T-string-unification: unifying prefixes in non-classical proof methods. *Lecture Notes in Computer Science*, 1071:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mendler:1996:TRI

- [1284] M. Mendler. A timing refinement of intuitionistic proofs and its application to the timing analysis of combinational circuits. *Lecture Notes in Computer Science*, 1071:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niemelae:1996:TCM

- [1285] I. Niemelae. A tableau calculus for minimal model reasoning. *Lecture Notes in Computer Science*, 1071:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ritter:1996:IFC

- [1286] E. Ritter, D. Pym, and L. Wallen. On the intuitionistic force of classical search. *Lecture Notes in Computer Science*, 1071:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voronkov:1996:PSI

- [1287] A. Voronkov. Proof search in intuitionistic logic based on constraint satisfaction. *Lecture Notes in Computer Science*, 1071:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

O’Gorman:1996:BTS

- [1288] L. O’Gorman. Basic techniques and symbol-level recognition. *Lecture Notes in Computer Science*, 1072:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cordella:1996:AAP

- [1289] L. P. Cordella and A. Marcelli. An alternative approach to the performance evaluation of thinning algorithms for document processing applications. *Lecture Notes in Computer Science*, 1072:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kadonaga:1996:CMD

- [1290] T. Kadonaga and K. Abe. Comparison of methods for detecting corner points from digital curves. *Lecture Notes in Computer Science*, 1072:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chhabra:1996:DHL

- [1291] A. K. Chhabra, V. Misra, and J. Arias. Detection of horizontal lines in noisy run length encoded images: The FAST method. *Lecture Notes in Computer Science*, 1072:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roeoesli:1996:AGC

- [1292] M. Roeoesli and G. Monagan. Adding geometric constraints to the vectorization of line drawings. *Lecture Notes in Computer Science*, 1072:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hori:1996:QMP

- [1293] O. Hori and D. S. Doermann. Quantitative measurement of the performance of raster-to-vector conversion algorithms. *Lecture Notes in Computer Science*, 1072:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turolla:1996:FIE

- [1294] E. Turolla, Y. Belaid, and A. Belaid. Form item extraction based on line searching. *Lecture Notes in Computer Science*, 1072:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Green:1996:MBA

- [1295] E. A. Green and M. S. Krishnamoorthy. Model-based analysis of printed tables. *Lecture Notes in Computer Science*, 1072:80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agam:1996:MAD

- [1296] G. Agam, H. Luo, and I. Dinstein. Morphological approach for dashed lines detection. *Lecture Notes in Computer Science*, 1072:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blostein:1996:GDR

- [1297] D. Blostein. General diagram-recognition methodologies. *Lecture Notes in Computer Science*, 1072:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Messmer:1996:ALR

- [1298] B. T. Messmer and H. Bunke. Automatic learning and recognition of graphical symbols in engineering drawings. *Lecture Notes in Computer Science*, 1072:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cesarini:1996:HSL

- [1299] F. Cesarini, M. Gori, S. Marinai, and G. Soda. A hybrid system for locating and recognizing low level graphic items. *Lecture Notes in Computer Science*, 1072:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McDaniel:1996:AIC

- [1300] J. R. McDaniel and J. R. Balmuth. Automatic interpretation of chemical structure diagrams. *Lecture Notes in Computer Science*, 1072:148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DenHartog:1996:KBS

- [1301] J. Den Hartog, T. Ten Kate, and J. Gerbrands. Knowledge-based segmentation for automatic map interpretation. *Lecture Notes in Computer Science*, 1072:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:ARL

- [1302] M.-K. Kim, M.-K. Park, O.-S. Kwon, and Y.-B Kwon. Automatic region labeling of the layered map. *Lecture Notes in Computer Science*, 1072:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Myers:1996:VBA

- [1303] G. K. Myers, P. G. Mulgaonkar, C.-H. Chen, and J. L. DeCurtins. Verification-based approach for automated text and feature extraction from raster-scanned maps. *Lecture Notes in Computer Science*, 1072:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smeulders:1996:SSD

- [1304] A. W. M. Smeulders and T. Ten Kate. Software system design for paper map conversion. *Lecture Notes in Computer Science*, 1072:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dori:1996:OPB

- [1305] D. Dori, Y. Velkovitch, and L. Wenyin. Object-process based segmentation and recognition of ANSI and ISO standard dimensioning texts. *Lecture Notes in Computer Science*, 1072:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1996:CHL

- [1306] P. D. Thomas, J. F. Poliakoff, S. M. Razzaq, and R. J. Whitrow. A combined high and low level approach to interpreting scanned engineering drawings. *Lecture Notes in Computer Science*, 1072:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Capellades:1996:FPD

- [1307] M. A. Capellades and O. I. Camps. Functional parts detection in engineering drawings: Looking for the screws. *Lecture Notes in Computer Science*, 1072:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tomiyama:1996:RSM

- [1308] K. Tomiyama and K. Nakaniwa. Reconstruction of 3D solid model from three orthographic views — top-down approach. *Lecture Notes in Computer Science*, 1072:260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kong:1996:BPE

- [1309] B. Kong, I. T. Phillips, R. M. Haralick, and A. Prasad. A benchmark: Performance evaluation of dashed-line detection algorithms. *Lecture Notes in*

Computer Science, 1072:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dori:1996:HWD

- [1310] D. Dori, L. Wenying, and M. Peleg. How to win a dashed line detection contest. *Lecture Notes in Computer Science*, 1072:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alberich:1996:PAA

- [1311] R. Alberich, P. Burmeister, F. Rossello, and G. Valiente. A partial algebras approach to graph transformation. *Lecture Notes in Computer Science*, 1073:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banach:1996:CAG

- [1312] R. Banach. The contractum in algebraic graph rewriting. *Lecture Notes in Computer Science*, 1073:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauderon:1996:CTA

- [1313] M. Bauderon. A category-theoretical approach to vertex replacement: The generation of infinite graphs. *Lecture Notes in Computer Science*, 1073:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blostein:1996:IPU

- [1314] D. Blostein, H. Fahmy, and A. Gravec. Issues in the practical use of graph rewriting. *Lecture Notes in Computer Science*, 1073:38–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1996:CTG

- [1315] A. Corradini, H. Ehrig, M. Loewe, and U. Montanari. The category of typed graph grammars and its adjunctions with categories of derivations. *Lecture Notes in Computer Science*, 1073:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plump:1996:GUM

- [1316] D. Plump and A. Habel. Graph unification and matching. *Lecture Notes in Computer Science*, 1073:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kreowski:1996:IST

- [1317] H.-J. Kreowski and S. Kuske. On the interleaving semantics of transformation units — A step into GRACE. *Lecture Notes in Computer Science*, 1073:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maggiolo-Schettini:1996:GRF

- [1318] A. Maggiolo-Schettini and A. Peron. A graph rewriting framework for statecharts semantics. *Lecture Notes in Computer Science*, 1073:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuerr:1996:PGT

- [1319] A. Schuerr. Programmed graph transformations and graph transformation units in GRACE. *Lecture Notes in Computer Science*, 1073:122–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ehrig:1996:PSA

- [1320] H. Ehrig and G. Engels. Pragmatic and semantic aspects of a module concept for graph transformation systems. *Lecture Notes in Computer Science*, 1073:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nagl:1996:SIP

- [1321] M. Nagl and A. Schuerr. Software integration problems and coupling of graph grammar specifications. *Lecture Notes in Computer Science*, 1073:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wills:1996:UAF

- [1322] L. M. Wills. Using attributed flow graph parsing to recognize cliches in programs. *Lecture Notes in Computer Science*, 1073:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Derk:1996:RGG

- [1323] M. D. Derk and L. S. DeBrunner. Re-configuration graph grammar for massively parallel, fault tolerant computers. *Lecture Notes in Computer Science*, 1073:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Drewes:1996:UTT

- [1324] F. Drewes. The use of tree transducers to compute translations between graph algebras. *Lecture Notes in Computer Science*, 1073:196–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skodinis:1996:BDP

- [1325] K. Skodinis and E. Wanke. The bounded degree problem for non-obstructing eNCE graph grammars. *Lecture Notes in Computer Science*, 1073:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthelmann:1996:PSV

- [1326] K. Barthelmann. Process specification and verification. *Lecture Notes in Computer Science*, 1073:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1996:ESS

- [1327] A. Corradini, H. Ehrig, M. Loewe, and U. Montanari. An event structure semantics for graph grammars with parallel productions. *Lecture Notes in Computer Science*, 1073:240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1996:SCG

- [1328] A. Corradini and F. Rossi. Synchronized composition of graph grammar productions. *Lecture Notes in Computer Science*, 1073:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janssens:1996:DEC

- [1329] D. Janssens. The decomposition of ESM computations. *Lecture Notes in Computer Science*, 1073:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Korff:1996:FRB

- [1330] M. Korff and L. Ribeiro. Formal relationship between graph grammars and Petri nets. *Lecture Notes in Computer Science*, 1073:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taentzer:1996:HDG

- [1331] G. Taentzer. Hierarchically distributed graph transformation. *Lecture Notes in Computer Science*, 1073:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Assmann:1996:EAR

- [1332] U. Assmann. On edge addition rewrite systems and their relevance to program analysis. *Lecture Notes in Computer Science*, 1073:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandenburg:1996:GAL

- [1333] F. J. Brandenburg and K. Skodinis. Graph automata for linear graph languages. *Lecture Notes in Computer Science*, 1073:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Courcelle:1996:OMC

- [1334] B. Courcelle and G. Senizergues. The obstructions of a minor-closed set of graphs defined by hyperedge replacement can be constructed. *Lecture Notes in Computer Science*, 1073:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelfriet:1996:CG

- [1335] J. Engelfriet and J. J. Vereijken. Concatenation of graphs. *Lecture Notes in Computer Science*, 1073:368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:HGH

- [1336] C. Kim and T. E. Jeong. HRNCE grammars — A hypergraph generating system with an eNCE way of rewriting. *Lecture Notes in Computer Science*, 1073:383–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klempien-Hinrichs:1996:NRH

- [1337] R. Klempien-Hinrichs. Node replacement in hypergraphs: Simulation of hyperedge replacement, and decidability of confluence. *Lecture Notes in Computer Science*, 1073:397–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dassow:1996:CCP

- [1338] J. Dassow, A. Habel, and S. Taubenberger. Chain-code pictures and collages generated by hyperedge replacement. *Lecture Notes in Computer Science*, 1073:412–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parisi-Presicce:1996:TGG

- [1339] F. Parisi-Presicce. Transformations of graph grammars. *Lecture Notes in Computer Science*, 1073:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zinssmeister:1996:DGA

- [1340] G. Zinssmeister and C. L. McCreary. Drawing graphs with attribute graph grammars. *Lecture Notes in Computer Science*, 1073:443–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zuendorf:1996:GPM

- [1341] A. Zuendorf. Graph pattern matching in PROGRES. *Lecture Notes in Computer Science*, 1073:454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnborg:1996:TRG

- [1342] S. Arnborg and A. Proskurowski. A technique for recognizing graphs of bounded treewidth with application to subclasses of partial 2-Paths. *Lecture Notes in Computer Science*, 1073:469–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Courcelle:1996:DMS

- [1343] B. Courcelle. The definition in monadic second-order logic of modular decompositions of ordered graphs. *Lecture Notes in Computer Science*, 1073:487–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ehrenfeucht:1996:GBG

- [1344] A. Ehrenfeucht, T. Harju, and G. Rozenberg. Group based graph transformations and hierarchical representations of graphs. *Lecture Notes in Computer Science*, 1073:502–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fracchia:1996:ILI

- [1345] F. D. Fracchia. Integrating lineage and interaction for the visualization of cellular structures. *Lecture Notes in Computer Science*, 1073:521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lueck:1996:CCR

- [1346] J. Lueck and H. B. Lueck. Cellworks with cell rewriting and cell packing for plant morphogenesis. *Lecture Notes in Computer Science*, 1073:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prusinkiewicz:1996:SBS

- [1347] P. Prusinkiewicz and L. Kari. Sub-apical bracketed L-systems. *Lecture Notes in Computer Science*, 1073:550–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klop:1996:TGR

- [1348] J. W. Klop. Term graph rewriting. *Lecture Notes in Computer Science*, 1074:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanBakel:1996:ANR

- [1349] S. Van Bakel and M. Fernandez. Approximation and normalization results for typeable term rewriting systems. *Lecture Notes in Computer Science*, 1074:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1996:MPA

- [1350] G. Barthe and H. Geuvers. Modular properties of algebraic type systems. *Lecture Notes in Computer Science*, 1074:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bethke:1996:CPC

- [1351] I. Bethke and J. W. Klop. Collapsing partial combinatory algebras. *Lecture Notes in Computer Science*, 1074:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blom:1996:CPS

- [1352] S. Blom. A complete proof system for nested term graphs. *Lecture Notes in Computer Science*, 1074:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hintermeier:1996:RGL

- [1353] C. Hintermeier, H. Kirchner, and P. D. Mosses. R0n- and G0n-logics. *Lecture Notes in Computer Science*, 1074:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahrs:1996:VCP

- [1354] S. Kahrs. The variable containment problem. *Lecture Notes in Computer Science*, 1074:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meinke:1996:HOE

- [1355] K. Meinke. Higher-order equational logic for specification, simulation and testing. *Lecture Notes in Computer*

Science, 1074:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mintchev:1996:CHO

- [1356] S. Mintchev and D. Lester. The correctness of a higher-order lazy functional language implementation: An exercise in mechanical theorem proving. *Lecture Notes in Computer Science*, 1074:144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moeller:1996:AR

- [1357] B. Moeller. Assertions and recursions. *Lecture Notes in Computer Science*, 1074:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanOostrom:1996:DCC

- [1358] V. Van Oostrom. Development closed critical pairs. *Lecture Notes in Computer Science*, 1074:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VandePol:1996:TDS

- [1359] J. Van de Pol. Two different strong normalization proofs? *Lecture Notes in Computer Science*, 1074:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Springintveld:1996:TOM

- [1360] J. Springintveld. Third-order matching in the polymorphic lambda calculus. *Lecture Notes in Computer Science*, 1074:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steggles:1996:HOA

- [1361] L. J. Steggles. Higher-order algebra with transfinite types. *Lecture Notes in Computer Science*, 1074:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:AHC

- [1362] L.-G. Wang and M. Mendler. Abstraction of hardware construction. *Lecture Notes in Computer Science*, 1074:264–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeza-Yates:1996:FAA

- [1363] R. Baeza-Yates and G. Navarro. A faster algorithm for approximate string matching. *Lecture Notes in Computer Science*, 1075:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

El-Mabrouk:1996:BMS

- [1364] N. El-Mabrouk and M. Crochemore. Boyer–Moore strategy to efficient approximate string matching. *Lecture Notes in Computer Science*, 1075:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasieniec:1996:REA

- [1365] L. Gasieniec, M. Karpinski, W. Plandowski, and W. Rytter. Randomized efficient algorithms for compressed strings: The finger-print approach. *Lecture Notes in Computer Science*, 1075:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sutinen:1996:FQS

- [1366] E. Sutinen and J. Tarhio. Filtration with q -samples in approximate string matching. *Lecture Notes in Computer Science*, 1075:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lipman:1996:CDM

- [1367] D. J. Lipman. Computing discoveries in molecular biology. *Lecture Notes in Computer Science*, 1075:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

StoeltingBrodal:1996:ADQ

- [1368] G. Stoelting Brodal and L. Gasieniec. Approximate dictionary queries. *Lecture Notes in Computer Science*, 1075:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muth:1996:AMS

- [1369] R. Muth and U. Manber. Approximate multiple string search. *Lecture Notes in Computer Science*, 1075:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Armen:1996:AAS

- [1370] C. Armen and C. Stein. A $2 \frac{2}{3}$ -Approximation algorithm for the shortest superstring problem. *Lecture Notes in Computer Science*, 1075:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersson:1996:STW

- [1371] A. Andersson, N. J. Larsson, and K. Swanson. Suffix trees on words. *Lec-*

ture Notes in Computer Science, 1075:102–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breslauer:1996:STT

- [1372] D. Breslauer. The suffix tree of a tree and minimizing sequential transducers. *Lecture Notes in Computer Science*, 1075:116–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farach:1996:PHS

- [1373] M. Farach and S. Muthukrishnan. Perfect hashing for strings: Forrealization and algorithms. *Lecture Notes in Computer Science*, 1075:130–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gelfand:1996:SAN

- [1374] M. S. Gelfand, A. A. Mironov, and P. A. Pevzner. Spliced alignment: A new approach to gene recognition. *Lecture Notes in Computer Science*, 1075:141–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferretti:1996:OS

- [1375] V. Ferretti, J. H. Nadeau, and D. Sankoff. Original synteny. *Lecture Notes in Computer Science*, 1075:159–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berman:1996:FSR

- [1376] P. Berman and S. Hannenhalli. Fast sorting by reversal. *Lecture Notes in Computer Science*, 1075:168–??, 1996.

CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sagot:1996:DCA

- [1377] M.-F. Sagot and A. Viari. A double combinatorial approach to discovering patterns in biological sequences. *Lecture Notes in Computer Science*, 1075:186–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arratia:1996:PPA

- [1378] R. Arratia and G. Reinert. Poisson process approximation for repeats in one sequence and its application to sequencing by hybridization. *Lecture Notes in Computer Science*, 1075:209–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:IAA

- [1379] L. Wang and D. Gusfield. Improved approximation algorithms for tree alignment. *Lecture Notes in Computer Science*, 1075:220–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Phillips:1996:AMT

- [1380] C. A. Phillips and T. J. Warnow. The asymmetric median tree — A new model for building consensus trees. *Lecture Notes in Computer Science*, 1075:234–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldberg:1996:CCV

- [1381] L. A. Goldberg, P. W. Goldberg, C. A. Phillips, and G. B. Sorkin. Constructing computer virus phylogenies. *Lec-*

ture Notes in Computer Science, 1075:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandak:1996:DCF

- [1382] B. Sandak, R. Nussinov, and H. J. Wolfson. Docking of conformationally flexible proteins. *Lecture Notes in Computer Science*, 1075:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hart:1996:IPC

- [1383] W. E. Hart and S. Istrail. Invariant patterns in crystal lattices: Implications for protein folding algorithms. *Lecture Notes in Computer Science*, 1075:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gusfield:1996:GTG

- [1384] D. Gusfield, R. Karp, L. Wang, and P. Stelling. Graph traversals, genes, and matroids: An efficient case of the travelling salesman problem. *Lecture Notes in Computer Science*, 1075:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amir:1996:AID

- [1385] A. Amir and G. Calinescu. Alphabet independent and dictionary scaled matching. *Lecture Notes in Computer Science*, 1075:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:ATD

- [1386] K. Park. Analysis of two-dimensional approximate pattern matching algo-

rithms. *Lecture Notes in Computer Science*, 1075:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arikati:1996:AAM

- [1387] S. R. Arikati, A. Dessmark, A. Lingas, and M. Marathe. Approximation algorithms for maximum two-dimensional pattern matching. *Lecture Notes in Computer Science*, 1075:348–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:EPA

- [1388] K. Zhang. Efficient parallel algorithms for tree editing problems. *Lecture Notes in Computer Science*, 1075:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fu:1996:APM

- [1389] J. J. Fu. Approximate pattern matching in directed graphs. *Lecture Notes in Computer Science*, 1075:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodlaender:1996:FSC

- [1390] H. L. Bodlaender, P. A. Evans, and M. R. Fellows. Finite-state computability of annotations of strings and trees. *Lecture Notes in Computer Science*, 1075:384–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benjamins:1996:APS

- [1391] R. Benjamins and C. Pierret-Golbreich. Assumptions of problem-solving methods. *Lecture Notes in Computer Science*, 1076:1–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fensel:1996:PSM

- [1392] D. Fensel and R. Straatman. Problem-solving methods: Making assumptions for efficiency reasons. *Lecture Notes in Computer Science*, 1076:17–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

O'Hara:1996:TEW

- [1393] K. O'Hara and N. Shadbolt. The thin end of the wedge: Efficiency and the generalised directive model methodology. *Lecture Notes in Computer Science*, 1076:33–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Orsvaern:1996:PLT

- [1394] K. Orsvaern. Principles for libraries of task decomposition methods — conclusions from a case-study. *Lecture Notes in Computer Science*, 1076:48–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Orsvaern:1996:PDM

- [1395] K. Orsvaern. A purpose driven method for language comparison: The REVISE Project. *Lecture Notes in Computer Science*, 1076:66–81, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benjamins:1996:CFM

- [1396] R. Benjamins and M. Aben. A conceptual and formal model of a diagnostic reasoner. *Lecture Notes in Computer Science*, 1076:82–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benjamin:1996:OCT

- [1397] J. Benjamin, P. Borst, H. Akkermans, and B. Wielinga. Ontology construction for technical domains. *Lecture Notes in Computer Science*, 1076:98–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lapalut:1996:TCH

- [1398] S. Lapalut. Text clustering to help knowledge acquisition from documents. *Lecture Notes in Computer Science*, 1076:115–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hahn:1996:QBT

- [1399] U. Hahn, M. Klenner, and K. Schnattinger. A quality-based terminological reasoning model for text knowledge acquisition. *Lecture Notes in Computer Science*, 1076:131–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bowden:1996:ECK

- [1400] P. R. Bowden, P. Halstead, and T. G. Rose. Extracting conceptual knowledge from text using explicit relation markers. *Lecture Notes in Computer Science*, 1076:147–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GhediniRalha:1996:SID

- [1401] C. Ghedini Ralha. Structuring information in a distributed hypermedia system. *Lecture Notes in Computer Science*, 1076:163–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:DKA

- [1402] P. C.-H. Cheng. Diagrammatic knowledge acquisition: Elicitation, analysis and issues. *Lecture Notes in Computer Science*, 1076:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sommer:1996:AMT

- [1403] E. Sommer. An approach to measuring theory quality. *Lecture Notes in Computer Science*, 1076:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmalhofer:1996:SLB

- [1404] F. Schmalhofer and C. Kozieja. Some late-breaking news from the data mines and a preview of the KOALA system: A prospector's report. *Lecture Notes in Computer Science*, 1076:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

FurtadoVasco:1996:KAT

- [1405] J. J. Furtado Vasco, C. Faucher, and E. Chouraqui. A knowledge acquisition tool for multi-perspective concept formation. *Lecture Notes in Computer Science*, 1076:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cupit:1996:KDD

- [1406] J. Cupit and N. Shadbolt. Knowledge discovery in databases: Exploiting knowledge-level redescription. *Lecture Notes in Computer Science*, 1076:245–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Sleeman:1996:TPK

- [1407] D. Sleeman and F. Mitchell. Towards painless knowledge acquisition. *Lecture Notes in Computer Science*, 1076:262–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brazier:1996:AST

- [1408] F. Brazier, J. Treur, and N. Wijnngaards. The acquisition of a shared task model. *Lecture Notes in Computer Science*, 1076:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boy:1996:GEM

- [1409] G. Boy. The group elicitation method: An introduction. *Lecture Notes in Computer Science*, 1076:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Efstathiou:1996:FRS

- [1410] J. Efstathiou. Formalising the repair of schedules through knowledge acquisition. *Lecture Notes in Computer Science*, 1076:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chien:1996:ITP

- [1411] S. A. Chien. Intelligent tools for planning knowledge base development and verification. *Lecture Notes in Computer Science*, 1076:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arlanzon:1996:CSR

- [1412] V. Arlanzon, A. Bernaras, and I. Laresgoiti. Configuring service recovery planning with the CommonKADS library. *Lecture Notes in Computer Science*, 1076:338–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cottam:1996:DSI

- [1413] H. Cottam and N. Shadbolt. Domain and system influences in problem solving models for planning. *Lecture Notes in Computer Science*, 1076:354–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haake:1996:UHS

- [1414] J. M. Haake, A. Bapat, and T. Knopik. Using a hypermedia system for systems engineering. *Lecture Notes in Computer Science*, 1077:3–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1996:DLE

- [1415] H. Maurer and N. Scherbakov. Document linking and embedding: A new hypermedia structuring paradigm. *Lecture Notes in Computer Science*, 1077:17–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrews:1996:HST

- [1416] K. Andrews and M. Pichler. Hooking up 3-space: Three-dimensional models as fully-fledged hypermedia documents. *Lecture Notes in Computer Science*, 1077:28–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smeaton:1996:DMQ

- [1417] A. F. Smeaton and A. Gregan. Distributed multimedia QoS parameters from presentation modelling by coloured Petri nets. *Lecture Notes in Computer Science*, 1077:47–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jin:1996:IPM

- [1418] J. S. Jin. Image processing in multimedia. *Lecture Notes in Computer Science*, 1077:61–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dormann:1996:DLA

- [1419] C. Dormann. Designing on-line animated help for multimedia applications. *Lecture Notes in Computer Science*, 1077:73–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dede:1996:DVW

- [1420] C. J. Dede, M. Salzman, and R. B. Loftin. The development of a virtual world for learning Newtonian mechanics. *Lecture Notes in Computer Science*, 1077:87–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hand:1996:OFV

- [1421] C. Hand. Other faces of virtual reality. *Lecture Notes in Computer Science*, 1077:107–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pose:1996:TRV

- [1422] R. Pose and M. Regan. Techniques for reducing virtual reality latency with architectural support and consideration of human factors. *Lecture Notes in Computer Science*, 1077:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tegolo:1996:FVT

- [1423] D. Tegolo. Fusion of visual tools in virtual spaces. *Lecture Notes in Computer Science*, 1077:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Streitz:1996:IWD

- [1424] N. A. Streitz. From individual work and desktop-based collaboration to ubiquitous meeting environments. *Lecture Notes in Computer Science*, 1077:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miah:1996:MCA

- [1425] T. Miah. Multimedia conferencing architecture and user interfaces for collaborative environment. *Lecture Notes in Computer Science*, 1077:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gershman:1996:MCG

- [1426] A. V. Gershman and S. H. Sato. Multimedia communications and groupware. *Lecture Notes in Computer Science*, 1077:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kommers:1996:CSN

- [1427] P. Kommers. Conceptual support by the new media for co-operative learning in the next century. *Lecture Notes in Computer Science*, 1077:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boyle:1996:HEL

- [1428] T. Boyle and M. Davies. Hypermedia environments for learning to program. *Lecture Notes in Computer Science*, 1077:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millwood:1996:EMH

- [1429] R. Millwood and G. Mladenova. Educational multimedia: How to allow for cultural factors. *Lecture Notes in Computer Science*, 1077:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petrushin:1996:HSC

- [1430] V. A. Petrushin. HELENA: A shell for creating educational hypermedia applications. *Lecture Notes in Computer Science*, 1077:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Morozov:1996:MLR

- [1431] M. Morozov. Multimedia lecture room: A new tool for education. *Lecture Notes in Computer Science*, 1077:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Egov:1996:PIS

- [1432] A. S. Egov, E. I. Podolny, A. V. Polykakhin, and A. V. Polishjuk. A personal information support system for performing creative tasks. *Lecture Notes in Computer Science*, 1077:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waterworth:1996:PIE

- [1433] J. A. Waterworth. A pattern of islands: Exploring public information space in a private vehicle. *Lecture Notes in Computer Science*, 1077:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Subbotin:1996:CPB

- [1434] M. Subbotin and D. Subbotin. The concept of a “personal book”. *Lecture Notes in Computer Science*, 1077:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brusilovsky:1996:AHA

- [1435] P. Brusilovsky. Adaptive hypermedia: An attempt to analyze and generalize. *Lecture Notes in Computer Science*, 1077:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zyryanov:1996:ALM

- [1436] M. I. Zyryanov. Adaptive local maps in hypermedia components of intelligent learning environments. *Lecture Notes in Computer Science*, 1077:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soni:1996:MFS

- [1437] D. Soni, R. L. Nord, L. Hsu, and P. J. Drongowski. Many faces of software architecture. *Lecture Notes in Computer Science*, 1078:6–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shaw:1996:PCA

- [1438] M. Shaw. Procedure calls are the assembly language of software interconnection: Connectors deserve first-class status. *Lecture Notes in Computer Science*, 1078:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dean:1996:SSC

- [1439] T. R. Dean and J. R. Cordy. Software structure characterization using connectivity. *Lecture Notes in Computer Science*, 1078:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Minsky:1996:RSS

- [1440] N. H. Minsky. Regularities in software systems. *Lecture Notes in Computer Science*, 1078:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garlan:1996:FAS

- [1441] D. Garlan. Formal approaches to software architecture. *Lecture Notes in Computer Science*, 1078:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murphy:1996:DOO

- [1442] G. C. Murphy and D. Notkin. Difficulties with object-oriented frame-

works. *Lecture Notes in Computer Science*, 1078:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sorenson:1996:UMA

- [1443] P. G. Sorenson and J.-P. Tremblay. Using a metasystem approach to support and study the design process. *Lecture Notes in Computer Science*, 1078:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ryman:1996:CSD

- [1444] A. Ryman. Constructing software design theories and models. *Lecture Notes in Computer Science*, 1078:103–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kramer:1996:MIS

- [1445] J. Kramer, A. Finkelstein, and B. Nuseibeh. Method integration and support for distributed software development: An overview. *Lecture Notes in Computer Science*, 1078:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griswold:1996:PRD

- [1446] W. G. Griswold and R. W. Bowdidge. Program restructuring via design-level manipulation. *Lecture Notes in Computer Science*, 1078:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diaz-Herrera:1996:HMD

- [1447] J. L. Diaz-Herrera. Hierarchical modular diagrams: An approach to describe architectural designs. *Lecture Notes in*

Computer Science, 1078:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hinchey:1996:SFM

- [1448] M. G. Hinchey. Structured and formal methods: An investigative framework. *Lecture Notes in Computer Science*, 1078:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuan:1996:EOO

- [1449] G. Yuan and N. Patel. An exploration of object-oriented methodologies for system analysis and design. *Lecture Notes in Computer Science*, 1078:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodie:1996:POW

- [1450] M. Brodie. Putting objects to work on a massive scale. *Lecture Notes in Computer Science*, 1079:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubois:1996:ACR

- [1451] D. Dubois and H. Prade. Approximate and commonsense reasoning: From theory to practice. *Lecture Notes in Computer Science*, 1079:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jarke:1996:CIS

- [1452] M. Jarke, M. Jeusfeld, P. Peters, and P. Szczurko. Cooperative information systems engineering. *Lecture Notes in Computer Science*, 1079:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandewall:1996:TWW

- [1453] E. Sandewall. Towards a world-wide knowledge base. *Lecture Notes in Computer Science*, 1079:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piatetsky-Shapiro:1996:DMK

- [1454] G. Piatetsky-Shapiro. Data mining and knowledge discovery in business databases. *Lecture Notes in Computer Science*, 1079:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lambrix:1996:LCC

- [1455] P. Lambrix and J. Maleki. Learning composite concepts in description logics: a first step. *Lecture Notes in Computer Science*, 1079:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dieng:1996:CCG

- [1456] R. Dieng. Comparison of conceptual graphs for modeling knowledge of multiple experts. *Lecture Notes in Computer Science*, 1079:78–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:SCK

- [1457] Y. Zhang. Semantical considerations for knowledge base updates. *Lecture Notes in Computer Science*, 1079:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wrzos-Kaminska:1996:PEC

- [1458] A. Wrzos-Kaminska. Partial evaluation in constraint logic program-

ming. *Lecture Notes in Computer Science*, 1079:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloedorn:1996:ADS

- [1459] E. Bloedorn and R. Michalski. The AQ17-DCI system for data-driven constructive induction and its application to the analysis of world economics. *Lecture Notes in Computer Science*, 1079:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shan:1996:ICR

- [1460] N. Shan, H. Hamilton, and N. Cercone. Induction of classification rules from imperfect data. *Lecture Notes in Computer Science*, 1079:118–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsumoto:1996:IES

- [1461] S. Tsumoto and H. Tanaka. Induction of expert system rules from databases based on rough set theory and re-sampling methods. *Lecture Notes in Computer Science*, 1079:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zytkow:1996:MPE

- [1462] J. Zytkow and R. Zembowicz. Mining patterns at each scale in massive data. *Lecture Notes in Computer Science*, 1079:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeJong:1996:EI

- [1463] K. De Jong. On evolving intelligence. *Lecture Notes in Computer*

Science, 1079:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeck:1996:IMR

- [1464] T. Baeck and M. Schuetz. Intelligent mutation rate control in canonical genetic algorithms. *Lecture Notes in Computer Science*, 1079:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giordana:1996:FGP

- [1465] A. Giordana, F. Neri, and L. Saitta. A fine-grained parallel evolutionary program for concept induction. *Lecture Notes in Computer Science*, 1079:168–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eiben:1996:EES

- [1466] A. E. Eiben. Evolutionary exploration of search spaces. *Lecture Notes in Computer Science*, 1079:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michalewicz:1996:ECO

- [1467] Z. Michalewicz, J. Xiao, and K. Trojanowski. Evolutionary computation: one project, many directions. *Lecture Notes in Computer Science*, 1079:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calmet:1996:SFL

- [1468] J. Calmet, I. Lu, M. Rodriguez, and J. Schue. Signed formula logic programming: operational semantics and applications. *Lecture Notes in Computer Science*, 1079:202–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertossi:1996:API

- [1469] L. Bertossi, J. Pinto, P. Saez, and D. Kapur. Automating proofs of integrity constraints in situation calculus. *Lecture Notes in Computer Science*, 1079:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cholewinski:1996:TPD

- [1470] P. Cholewinski. Towards programming in default logic. *Lecture Notes in Computer Science*, 1079:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:SCF

- [1471] J. Chen and S. Kundu. A sound and complete fuzzy logic system using Zadeh’s implication operator. *Lecture Notes in Computer Science*, 1079:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dignum:1996:MDF

- [1472] F. Dignum, H. Weigand, and E. Verharen. Meeting the deadline: on the formal specification of temporal Deontic constraints. *Lecture Notes in Computer Science*, 1079:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demolombe:1996:VQC

- [1473] R. Demolombe. Validity queries and completeness queries. *Lecture Notes in Computer Science*, 1079:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Minock:1996:ECI

- [1474] M. J. Minock and W. W. Chu. Explanation for cooperative information systems. *Lecture Notes in Computer Science*, 1079:264–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oldham:1996:TIR

- [1475] J. Oldham and V. Marek. Toward intelligent representation of database content. *Lecture Notes in Computer Science*, 1079:274–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kryszkiewicz:1996:RIS

- [1476] M. Kryszkiewicz and H. Rybinski. Reducing information systems with uncertain attributes. *Lecture Notes in Computer Science*, 1079:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dery:1996:ODO

- [1477] A.-M. Dery, S. Ducasse, and M. Fornarino. Object and dependency oriented programming in FLO. *Lecture Notes in Computer Science*, 1079:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Debenham:1996:KS

- [1478] J. Debenham. Knowledge simplification. *Lecture Notes in Computer Science*, 1079:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruening:1996:MBA

- [1479] S. Bruening and T. Schaub. A model-based approach to consistency-

checking. *Lecture Notes in Computer Science*, 1079:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brusoni:1996:RBV

- [1480] V. Brusoni, L. Console, E. Lamma, and P. Mello. Resource-based vs task-based approaches for scheduling problems. *Lecture Notes in Computer Science*, 1079:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pin:1996:FBA

- [1481] F. G. Pin. A fuzzy behaviorist approach to sensor-based robot control. *Lecture Notes in Computer Science*, 1079:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sztandera:1996:KBF

- [1482] L. Sztandera. Knowledge-based fuzzy neural networks. *Lecture Notes in Computer Science*, 1079:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seredynski:1996:CGT

- [1483] F. Seredynski. Coevolutionary game theoretic multi-agent systems. *Lecture Notes in Computer Science*, 1079:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Son:1996:SFD

- [1484] N. Son, N. Hoa, and A. Skowron. Searching for features defined by hyperplanes. *Lecture Notes in Computer Science*, 1079:366–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blockeel:1996:IDD

- [1485] H. Blockeel and L. De Raedt. Inductive database design. *Lecture Notes in Computer Science*, 1079:376–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loo:1996:EQP

- [1486] G. S. Loo, T. Dillon, J. Zeleznikow, and K.-H Lee. Enhancing query processing of information systems. *Lecture Notes in Computer Science*, 1079:386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zarri:1996:SRC

- [1487] G. P. Zarri and L. Gilardoni. Structuring and retrieval of the complex predicate arguments proper to the NKRL conceptual language. *Lecture Notes in Computer Science*, 1079:398–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bosc:1996:HID

- [1488] P. Bosc and O. Pivert. On the handling of imperfect data in relational database systems — from null values to possibility distributions. *Lecture Notes in Computer Science*, 1079:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wierzchon:1996:MCV

- [1489] S. Wierzchon and M. Klopotek. Modified component valuations in valuation based systems as a way to optimize query processing. *Lecture Notes in Computer Science*, 1079:418–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Imam:1996:LDM

- [1490] I. F. Imam and R. S. Michalski. Learning for decision making: the FRD approach and a comparative study. *Lecture Notes in Computer Science*, 1079:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsumoto:1996:ARS

- [1491] S. Tsumoto and W. Ziarko. The application of rough sets-based data mining technique to differential diagnosis of meningoencephalitis. *Lecture Notes in Computer Science*, 1079:438–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mollestad:1996:RSF

- [1492] T. Mollestad and A. Skowron. A rough set framework for data mining of propositional default rules. *Lecture Notes in Computer Science*, 1079:448–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Imam:1996:ESI

- [1493] I. F. Imam. An empirical study on the incompetence of attribute selection criteria. *Lecture Notes in Computer Science*, 1079:458–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esposito:1996:LFP

- [1494] F. Esposito, A. Laterza, D. Malerba, and G. Semeraro. Locally finite, proper, and complete operators for refining datalog programs. *Lecture*

Notes in Computer Science, 1079:468–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Noronha:1996:FFM

- [1495] S. J. Noronha and S. Szpakowicz. Forest fire management with Nego-plan. *Lecture Notes in Computer Science*, 1079:479–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pons:1996:ADF

- [1496] O. Pons, J. Medina, J. Cubero, and A. Vila. An architecture for a deductive fuzzy relational database. *Lecture Notes in Computer Science*, 1079:491–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhong:1996:MSP

- [1497] N. Zhong and S. Ohsuga. A multi-step process for discovering, managing, and refining strong functional relations hidden in databases. *Lecture Notes in Computer Science*, 1079:501–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Capobianchi:1996:AMD

- [1498] R. Capobianchi, M. Mautref, M. Van Keulen, and H. Balsters. An architecture and methodology for the design and development of technical information systems. *Lecture Notes in Computer Science*, 1079:511–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doherty:1996:EEC

- [1499] P. Doherty, W. Lukaszewics, and A. Szalas. Explaining explanation closure. *Lecture Notes in Computer Science*, 1079:521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeRaedt:1996:PLL

- [1500] L. De Raedt. PAC-learning logic programs under the closed-world assumption. *Lecture Notes in Computer Science*, 1079:531–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karlsson:1996:PTC

- [1501] L. Karlsson. Planning, truth criteria, and the systematic approach to action and change. *Lecture Notes in Computer Science*, 1079:541–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Franova:1996:AIR

- [1502] M. Franova. Automated inductive reasoning as a support of deductive reasoning in a user-independent automation of inductive theorem proving. *Lecture Notes in Computer Science*, 1079:551–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godfrey:1996:SQO

- [1503] P. Godfrey, J. Gryz, and J. Minker. Semantic query optimization for bottom-up evaluation. *Lecture Notes in Computer Science*, 1079:561–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuerker:1996:DCB

- [1504] C. Tuerker, S. Conrad, and G. Saake. Dynamically changing behavior: an agent-oriented view to modeling intelligent information systems. *Lecture Notes in Computer Science*, 1079:572–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eusterbrock:1996:MLA

- [1505] J. Eusterbrock. A multi-layer architecture for knowledge-based system synthesis. *Lecture Notes in Computer Science*, 1079:582–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravindranathan:1996:MAM

- [1506] M. Ravindranathan and R. Leitch. MuRaLi: an architecture for multiple reasoning. *Lecture Notes in Computer Science*, 1079:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cadish:1996:HVI

- [1507] B. Cadish and Z. Diskin. Heterogeneous view integration via sketches and equations. *Lecture Notes in Computer Science*, 1079:603–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dehaspe:1996:DDL

- [1508] L. Dehaspe and L. De Raedt. DLAB: a declarative language bias formalism. *Lecture Notes in Computer Science*, 1079:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloesgen:1996:KDD

- [1509] W. Kloesgen. Knowledge discovery in databases and data mining. *Lecture Notes in Computer Science*, 1079:623–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bala:1996:LNE

- [1510] J. Bala, P. Pachowicz, and H. Wechsler. Learning with noise in engineering domains. *Lecture Notes in Computer Science*, 1079:633–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vrain:1996:HCC

- [1511] C. Vrain. Hierarchical conceptual clustering in a first order representation. *Lecture Notes in Computer Science*, 1079:643–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ziarko:1996:RDD

- [1512] W. Ziarko, N. Cercone, and X. Hu. Rule discovery from databases with decision matrices. *Lecture Notes in Computer Science*, 1079:653–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelly:1996:MFC

- [1513] S. Kelly, K. Lyytinen, and M. Rossi. MetaEdit+: A fully configurable multi-user and multi-tool CASE and CAME environment. *Lecture Notes in Computer Science*, 1080:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Si-Said:1996:MCA

- [1514] S. Si-Said, C. Rolland, and G. Grosz. MENTOR: A computer aided requirements engineering environment. *Lecture Notes in Computer Science*, 1080:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vescoukis:1996:LBF

- [1515] V. C. Vescoukis, N. Papaspyrou, and E. Skordalakis. A logic-based framework for reasoning support in software evolution. *Lecture Notes in Computer Science*, 1080:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gal:1996:TTA

- [1516] A. Gal, O. Etzion, and A. Segev. TALE: A temporal active language and execution model. *Lecture Notes in Computer Science*, 1080:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VandenAkker:1996:DCD

- [1517] J. Van den Akker and A. Siebes. DEGAS: Capturing dynamics in objects. *Lecture Notes in Computer Science*, 1080:82–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappel:1996:RRP

- [1518] G. Kappel, S. Rausch-Schott, W. Retschitzegger, and M. Sakkinen. From rules to rule patterns. *Lecture Notes in Computer Science*, 1080:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kudrass:1996:TBR

- [1519] T. Kudrass, M. Lehmbach, and A. Buchmann. Tool-based re-engineering of a legacy MIS: An experience report. *Lecture Notes in Computer Science*, 1080:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krone:1996:DIS

- [1520] M. Krone, M. Kowsari, P. Hartel, and G. Denker. Developing an information system using TROLL: An application field study. *Lecture Notes in Computer Science*, 1080:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kemper:1996:ARC

- [1521] F. Kemper, W. Wilkes, and G. Schlageter. Active relationships for controlling the propagation of information and activities in databases. *Lecture Notes in Computer Science*, 1080:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicolle:1996:MDM

- [1522] C. Nicolle, D. Benslimane, and K. Yetongnon. Multi-data models translations in interoperable information systems. *Lecture Notes in Computer Science*, 1080:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weigand:1996:ITB

- [1523] H. Weigand, E. Verharen, and F. Dignum. Interoperable transactions in business models: A structured approach. *Lecture Notes in Computer Science*, 1080:193–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tryfona:1996:IMS

- [1524] N. Tryfona and J. Sharma. On information modeling to support interoperable spatial databases. *Lecture Notes in Computer Science*, 1080:210–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bates:1996:GFF

- [1525] B. W. Bates, J.-M. Bruel, R. B. France, and M. M. Larrondo-Petrie. Guidelines for formalizing fusion object-oriented analysis models. *Lecture Notes in Computer Science*, 1080:222–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castano:1996:TPA

- [1526] S. Castano and V. De Antonellis. Techniques for process analysis and unification. *Lecture Notes in Computer Science*, 1080:234–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Costal:1996:HCM

- [1527] D. Costal, E. Teniente, T. Urpi, and C. Farre. Handling conceptual model validation by planning. *Lecture Notes in Computer Science*, 1080:255–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hainaut:1996:DDR

- [1528] J.-L. Hainaut, J. Henrard, J.-M. Hick, and D. Roland. Database design recovery. *Lecture Notes in Computer Science*, 1080:272–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hanneghan:1996:WWW

- [1529] M. Hanneghan, M. Merabti, and G. Colquhoun. The World-Wide Web as a platform for supporting interactive concurrent engineering. *Lecture Notes in Computer Science*, 1080:301–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Constantopoulos:1996:CDI

- [1530] P. Constantopoulos and Y. Tzitzikas. Context-driven information base update. *Lecture Notes in Computer Science*, 1080:319–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puustjaervi:1996:MOT

- [1531] J. Puustjaervi, H. Tirri, and J. Veijalainen. Managing overlapping transactional work flows. *Lecture Notes in Computer Science*, 1080:345–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hori:1996:SDM

- [1532] M. Hori, Y. Shinoda, and K. Ochimizu. Shared data management mechanism for distributed software development based on a reflective object-oriented model. *Lecture Notes in Computer Science*, 1080:362–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Norrie:1996:ABT

- [1533] M. C. Norrie and M. Wunderli. Agent-based tool integration for distributed information systems. *Lecture Notes in Computer Science*, 1080:383–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siau:1996:WPN

- [1534] K. Siau, Y. Wand, and I. Benbasat. When parents need not have children: Cognitive biases in information modeling. *Lecture Notes in Computer Science*, 1080:402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daneva:1996:RBI

- [1535] M. Daneva. The role of benchmarking in information system development. *Lecture Notes in Computer Science*, 1080:421–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehandjiev:1996:UEO

- [1536] N. Mehandjiev and L. Bottaci. User-enhanceability for organizational information systems through visual programming. *Lecture Notes in Computer Science*, 1080:432–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mirbel:1996:IMD

- [1537] I. Mirbel and J.-L. Cavarero. An integration method for design schemas. *Lecture Notes in Computer Science*, 1080:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breche:1996:APC

- [1538] P. Breche. Advanced primitives for changing schemas of object databases. *Lecture Notes in Computer Science*, 1080:476–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellahsene:1996:VIS

- [1539] Z. Bellahsene, P. Poncelet, and M. Teisseire. Views for information system design without reorganization. *Lecture Notes in Computer Science*, 1080:496–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Motschnig-Pitrik:1996:SFA

- [1540] R. Motschnig-Pitrik and J. Mylopoulos. Semantics, features, and applications of the viewpoint abstraction. *Lecture Notes in Computer Science*, 1080:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lahlou:1996:RIL

- [1541] Y. Lahlou and N. Mouaddib. Relaxing the instantiation link: Towards a content-based data model for information retrieval. *Lecture Notes in Computer Science*, 1080:540–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lammari:1996:DNI

- [1542] N. Lammari, R. Laleau, M. Jouve, and X. Castellani. Deriving normalized Isa hierarchies by using applicability constraints. *Lecture Notes in Computer Science*, 1080:562–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:CDI

- [1543] J. Anderson and M. Evans. Constraint-directed improvisation for complex domains. *Lecture Notes in Computer Science*, 1081:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dent:1996:NMH

- [1544] M. J. Dent and R. E. Mercer. A new model of hard binary constraint satisfaction problems. *Lecture Notes in Computer Science*, 1081:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wetprasit:1996:RMP

- [1545] R. Wetprasit, A. Sattar, and L. Khatib. Reasoning with multi-point events. *Lecture Notes in Computer Science*, 1081:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1996:SRH

- [1546] J. A. Allen and S. Minton. Selecting the right heuristic algorithm: Runtime performance predictors. *Lecture Notes in Computer Science*, 1081:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elkan:1996:RAU

- [1547] C. Elkan. Reasoning about unknown, counterfactual, and nondeterministic actions in first-order logic. *Lecture Notes in Computer Science*, 1081:54–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boutilier:1996:FPB

- [1548] C. Boutilier and M. Goldszmidt. The frame problem and Bayesian network action representations. *Lecture Notes in Computer Science*, 1081:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hagen:1996:AGC

- [1549] E. Hagen and A. Stein. Automatic generation of a complex dialogue history. *Lecture Notes in Computer Science*, 1081:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Popowich:1996:CGS

- [1550] F. Popowich. A chart generator for shake and bake machine translation. *Lecture Notes in Computer Science*, 1081:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ardissono:1996:ERU

- [1551] L. Ardissono and R. Cohen. Extending the role of user feedback in plan recognition and response generation for advice-giving systems: An initial report. *Lecture Notes in Computer Science*, 1081:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

AltayGuevenir:1996:CBL

- [1552] H. Altay Guevenir and A. Tunc. Corpus-based learning of generalized parse tree rules for translation. *Lecture Notes in Computer Science*, 1081:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hahn:1996:PAF

- [1553] U. Hahn and M. Strube. PARSETALK about functional anaphora. *Lecture Notes in Computer Science*, 1081:133–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodner:1996:KBA

- [1554] R. C. Bodner and F. Song. Knowledge-based approaches to query expansion in information retrieval. *Lecture Notes in Computer Science*, 1081:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holte:1996:IWU

- [1555] R. C. Holte and J. N. Yuen Yan. Inferring what a user is not interested in. *Lecture Notes in Computer Science*, 1081:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kramer:1996:DES

- [1556] B. M. Kramer, J. Mylopoulos, M. E. Benjamin, and Q. B. Chou. Developing an expert system technology for industrial process control: An experience report. *Lecture Notes in Computer Science*, 1081:172–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Charlebois:1996:PLN

- [1557] D. Charlebois, D. G. Goodenough, S. Matwin, and A. S. Pal Bhogal. Planning and learning in a natural resource information system. *Lecture Notes in Computer Science*, 1081:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaib-draa:1996:HMA

- [1558] B. Chaib-draa. A hierarchical model of agent based on skill, rules, and knowledge. *Lecture Notes in Computer Science*, 1081:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xiang:1996:SMS

- [1559] Y. Xiang. Semantics of multiply sectioned Bayesian networks for cooperative multi-agent distributed interpretation. *Lecture Notes in Computer Science*, 1081:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bhatia:1996:LSM

- [1560] K. Bhatia and C. Elkan. LPMEME: A statistical method for inductive logic programming. *Lecture Notes in Computer Science*, 1081:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rios:1996:EIR

- [1561] R. Rios and S. Matwin. Efficient induction of recursive Prolog definitions. *Lecture Notes in Computer Science*, 1081:240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:CIP

- [1562] Y.-J. Hu. Constructive induction: A preprocessor. *Lecture Notes in Computer Science*, 1081:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pendrith:1996:RLR

- [1563] M. Pendrith and M. Ryan. Reinforcement learning for real-world control applications. *Lecture Notes in Computer Science*, 1081:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1996:TLA

- [1564] W. Lam and S. Mukhopadhyay. A two-level approach to learning in nonstationary environments. *Lecture Notes in Computer Science*, 1081:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ling:1996:LCM

- [1565] C. X. Ling and H. Wang. Learning classifications from multiple sources of unsupervised data. *Lecture Notes in Computer Science*, 1081:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1996:PC

- [1566] Z. Lin. Paraconsistent circumscription. *Lecture Notes in Computer Science*, 1081:296–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Topaloglou:1996:EAQ

- [1567] T. Topaloglou. Efficient algorithms for qualitative reasoning about imprecise space. *Lecture Notes in Computer Science*, 1081:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1996:GPR

- [1568] F. Giunchiglia, R. Sebastiani, A. Villafiorita, and T. Walsh. A general purpose reasoner for abstraction. *Lecture Notes in Computer Science*, 1081:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fall:1996:RCI

- [1569] A. Fall. Reference constraints and individual level inheritance. *Lecture Notes in Computer Science*, 1081:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koshiba:1996:DTL

- [1570] T. Koshiba. Decision tree learning system with switching evaluator. *Lecture Notes in Computer Science*, 1081:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thornton:1996:PPW

- [1571] C. Thornton. Parity: The problem that won't go away. *Lecture Notes in Computer Science*, 1081:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohsawa:1996:PTP

- [1572] Y. Ohsawa and M. Ishizuka. A polynomial-time predicate-logic hypothetical reasoning by networked bubble propagation method. *Lecture Notes in Computer Science*, 1081:375–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:EMS

- [1573] R. J. Wallace. Enhancing maximum satisfiability algorithms with pure literal strategies. *Lecture Notes in Computer Science*, 1081:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Culberson:1996:SPD

- [1574] J. C. Culberson and J. Schaeffer. Searching with pattern databases. *Lecture Notes in Computer Science*, 1081:402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Noronha:1996:NSL

- [1575] S. Noronha and S. Szpakowicz. Negoplan: A system for logic-based decision modelling. *Lecture Notes in Computer Science*, 1081:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barber:1996:ASS

- [1576] B. Barber and H. J. Hamilton. Attribute selection strategies for attribute-oriented generalization. *Lecture Notes in Computer Science*, 1081:429–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abu-Hakima:1996:AMA

- [1577] S. Abu-Hakima. Automating model acquisition by fault knowledge re-use: Introducing the diagnostic remodeler algorithm. *Lecture Notes in Computer Science*, 1081:442–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cordova:1996:CNS

- [1578] F. Cordova. Communicating NASA's science to the public. *Lecture Notes in Computer Science*, 1082:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Billington:1996:LCN

- [1579] J. H. Billington. The Library of Congress's National Digital Library program. *Lecture Notes in Computer Science*, 1082:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reddy:1996:ULI

- [1580] R. Reddy. The universal library: Intelligent agents and information on demand. *Lecture Notes in Computer Science*, 1082:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smarr:1996:BSA

- [1581] L. Smarr. Building a scalable America. *Lecture Notes in Computer Science*, 1082:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1996:VSM

- [1582] W. Wolf, B. Liu, A. Wolfe, and M. Yeung. Video as scholarly material in the digital library. *Lecture Notes in Computer Science*, 1082:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shepherd:1996:DLE

- [1583] M. A. Shepherd, C. R. Watters, and F. J. Burkowski. Digital libraries for electronic news. *Lecture Notes in Computer Science*, 1082:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Desai:1996:WVW

- [1584] B. C. Desai and S. Swiercz. Web-Journal: Visualization of a Web jour-

ney. *Lecture Notes in Computer Science*, 1082:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nica:1996:USD

- [1585] A. Nica and E. A. Rundensteiner. Uniform structured document handling using a constraint-based object approach. *Lecture Notes in Computer Science*, 1082:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boisvert:1996:DSD

- [1586] R. Boisvert, S. Browne, J. Dongarra, and E. Grosse. Digital software and data repositories for support of scientific computing. *Lecture Notes in Computer Science*, 1082:103–114, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiesener:1996:SHR

- [1587] S. Wiesener, W. Kowarschick, P. Vogel, and R. Bayer. Semantic hypermedia retrieval in digital libraries. *Lecture Notes in Computer Science*, 1082:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Myka:1996:FFT

- [1588] A. Myka and U. Guentzer. Fuzzy full-text searches in OCR databases. *Lecture Notes in Computer Science*, 1082:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouguettaya:1996:DDL

- [1589] A. Bouguettaya and S. Milliner. Data discovery in large scale heterogeneous

and autonomous databases. *Lecture Notes in Computer Science*, 1082:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rorvig:1996:IAK

- [1590] M. E. Rorvig, M. W. Hutchison, R. O. Shelton, and S. L. Smith. An intelligent agent for the K–12 educational community. *Lecture Notes in Computer Science*, 1082:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allen:1996:III

- [1591] R. B. Allen. Interface issues for interactive multimedia documents. *Lecture Notes in Computer Science*, 1082:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gershon:1996:SDR

- [1592] N. Gershon, W. Ruh, J. Le Vasseur, and J. Winstead. Searching and discovery of resources in digital libraries. *Lecture Notes in Computer Science*, 1082:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choy:1996:ADD

- [1593] D. M. Choy, R. Dievendorff, C. Dwork, and J. B. Lotspiech. The Almaden Distributed Digital Library System. *Lecture Notes in Computer Science*, 1082:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fischer:1996:ADL

- [1594] C. Fischer, J. Frew, M. Larsgaard, and T. R. Smith. Alexandria Digital Library: Rapid prototype and metadata schema. *Lecture Notes in Computer Science*, 1082:221–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhao:1996:EEL

- [1595] D. G. Zhao and A. Ramsden. The ELINOR electronic library. *Lecture Notes in Computer Science*, 1082:243–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davis:1996:DBP

- [1596] J. R. Davis, C. Lagoze, and D. B. Kraft. Dienst: Building a production technical report server. *Lecture Notes in Computer Science*, 1082:259–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barany:1996:CLP

- [1597] I. Barany and S. Onn. Colourful linear programming. *Lecture Notes in Computer Science*, 1084:1–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1996:TSI

- [1598] R. R. Thomas and R. Weismantel. Test sets and inequalities for integer programs. *Lecture Notes in Computer Science*, 1084:16–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roessner:1996:OSC

- [1599] C. Roessner and C. P. Schnorr. An optimal, stable continued fraction algorithm for arbitrary dimension. *Lecture Notes in Computer Science*, 1084:31–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chopra:1996:AEF

- [1600] S. Chopra, I. Gilboa, and S. T. Sastri. Algorithms and extended formulations for one and two facility network design. *Lecture Notes in Computer Science*, 1084:44–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barnhart:1996:IMF

- [1601] C. Barnhart, C. A. Hane, and P. H. Vance. Integer multicommodity flow problems. *Lecture Notes in Computer Science*, 1084:58–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caprara:1996:HAS

- [1602] A. Caprara, M. Fischetti, and P. Toth. A heuristic algorithm for the set covering problem. *Lecture Notes in Computer Science*, 1084:72–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tseng:1996:RMG

- [1603] P. Tseng and D. P. Bertsekas. An ϵ -relaxation method for generalized separable convex cost network flow problems. *Lecture Notes in Computer Science*, 1084:85–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolliopoulos:1996:FRV

- [1604] S. G. Kolliopoulos and C. Stein. Finding real-valued single-source shortest paths in $o(n^3)$ expected time. *Lecture Notes in Computer Science*, 1084:94–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fekete:1996:NFT

- [1605] S. P. Fekete, S. Khuller, M. Klemmstein, and B. Raghavachari. A network-flow technique for finding low-weight bounded-degree spanning trees. *Lecture Notes in Computer Science*, 1084:105–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halldorsson:1996:ASC

- [1606] M. M. Halldorsson. Approximating k -set cover and complementary graph coloring. *Lecture Notes in Computer Science*, 1084:118–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapoor:1996:MCA

- [1607] S. Kapoor. On minimum 3-Cuts and approximating k -Cuts using cut trees. *Lecture Notes in Computer Science*, 1084:132–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goemans:1996:PDA

- [1608] M. X. Goemans and D. P. Williamson. Primal-dual approximation algorithms for feedback problems in planar graphs. *Lecture Notes in Computer Science*, 1084:147–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pataki:1996:CLS

- [1609] G. Pataki. Cone-LP's and semidefinite programs: Geometry and a simplex-type method. *Lecture Notes in Computer Science*, 1084:162–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Helmberg:1996:QKR

- [1610] C. Helmberg, F. Rendl, and R. Weismantel. Quadratic knapsack relaxations using cutting planes and semidefinite programming. *Lecture Notes in Computer Science*, 1084:175–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahale:1996:SBM

- [1611] N. Kahale. A semidefinite bound for mixing rates of Markov chains. *Lecture Notes in Computer Science*, 1084:190–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burkard:1996:QAP

- [1612] R. E. Burkard, E. Cela, G. Rote, and G. J. Woeginger. The quadratic assignment problem with a monotone Anti-Monge and a symmetric Toeplitz matrix: Easy and hard cases. *Lecture Notes in Computer Science*, 1084:204–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:OMS

- [1613] E. Cohen. On optimizing multiplications of sparse matrices. *Lecture Notes in Computer Science*, 1084:219–??, 1996. CODEN LNCS9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Anstreicher:1996:CRC

- [1614] K. M. Anstreicher, M. Fampa, J. Lee, and J. Williams. Continuous relaxations for constrained maximum-entropy sampling. *Lecture Notes in Computer Science*, 1084:234–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartvigsen:1996:SOP

- [1615] D. Hartvigsen. A submodular optimization problem with side constraints. *Lecture Notes in Computer Science*, 1084:249–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murota:1996:CSE

- [1616] K. Murota. Convexity and Steinitz’s exchange property. *Lecture Notes in Computer Science*, 1084:260–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Novick:1996:ICM

- [1617] B. Novick and A. Sebo. On ideal cutters, metrics and multiflows. *Lecture Notes in Computer Science*, 1084:275–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goemans:1996:SRS

- [1618] M. X. Goemans. A supermodular relaxation for scheduling with release dates. *Lecture Notes in Computer Science*, 1084:288–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulz:1996:SMT

- [1619] A. S. Schulz. Scheduling to minimize total weighted completion time: Performance guarantees of LP-Based heuristics and lower bounds. *Lecture Notes in Computer Science*, 1084:301–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simonetti:1996:ILT

- [1620] N. Simonetti and E. Balas. Implementation of a linear time algorithm for certain generalized traveling salesman problems. *Lecture Notes in Computer Science*, 1084:316–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertsimas:1996:DRR

- [1621] D. Bertsimas, C.-P. Teo, and R. Vohra. On dependent randomized rounding algorithms. *Lecture Notes in Computer Science*, 1084:330–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:CBH

- [1622] H. Chen and A. Frieze. Coloring bipartite hypergraphs. *Lecture Notes in Computer Science*, 1084:345–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teo:1996:IRA

- [1623] C.-P. Teo and D. Bertsimas. Improved randomized approximation algorithms for lot-sizing problems. *Lecture Notes in Computer Science*, 1084:359–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoogeveen:1996:MTC

- [1624] J. A. Hoogeveen and T. Kawaguchi. Minimizing total completion time in a two-machine flowshop: Analysis of special cases. *Lecture Notes in Computer Science*, 1084:374–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1996:NAC

- [1625] P. Martin and D. B. Shmoys. A new approach to computing optimal schedules for the job-shop scheduling problem. *Lecture Notes in Computer Science*, 1084:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoogeveen:1996:OLA

- [1626] J. A. Hoogeveen and A. P. A. Vestjens. Optimal on-line algorithms for single-machine scheduling. *Lecture Notes in Computer Science*, 1084:404–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goemans:1996:SFA

- [1627] M. X. Goemans and L. A. Hall. The strongest facets of the acyclic subgraph polytope are unknown. *Lecture Notes in Computer Science*, 1084:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:TP

- [1628] R. Mueller and A. S. Schulz. Transitive packing. *Lecture Notes in Computer Science*, 1084:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Funke:1996:PAF

- [1629] M. Funke and G. Reinelt. A polyhedral approach to the feedback vertex set problem. *Lecture Notes in Computer Science*, 1084:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cart:1996:SCT

- [1630] R. Cart. Separating over classes of TSP inequalities defined by 0 node-lifting in polynomial time. *Lecture Notes in Computer Science*, 1084:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fleischer:1996:SMV

- [1631] L. Fleischer and E. Tardos. Separating maximally violated comb inequalities in planar graphs. *Lecture Notes in Computer Science*, 1084:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burkard:1996:TSP

- [1632] R. E. Burkard, V. G. Deineko, and G. J. Woeginger. The travelling salesman and the PQ-Tree. *Lecture Notes in Computer Science*, 1084:490–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanDerAcker:1996:ISA

- [1633] C. Van Der Acker and J. Vanthienen. Integrating statistical audit evidence with belief function theory. *Lecture Notes in Computer Science*, 1085:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1996:CSD

- [1634] G. Antoniou. A comparative survey of default logic variants. *Lecture Notes in Computer Science*, 1085:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balbiani:1996:MLR

- [1635] P. Balbiani. Modal logics with relative accessibility relations. *Lecture Notes in Computer Science*, 1085:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balbiani:1996:GSM

- [1636] P. Balbiani, L. F. Del Cerro, T. Tinchev, and D. Vakarelov. Geometrical structures and modal logic. *Lecture Notes in Computer Science*, 1085:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Das:1996:UFH

- [1637] S. Das, J. Fox, and P. Krause. A unified framework for hypothetical and practical reasoning (1) — theoretical foundations. *Lecture Notes in Computer Science*, 1085:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fox:1996:UFH

- [1638] J. Fox and S. Das. A unified framework for hypothetical and practical reasoning (2) — lessons from medical applications. *Lecture Notes in Computer Science*, 1085:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doherty:1996:GDC

- [1639] P. Doherty, W. Lukaszewicz, and A. Szalas. General domain circumscription and its first-order reduction. *Lecture Notes in Computer Science*, 1085:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duc:1996:RAR

- [1640] Ho Ngoc Duc. Reasoning about rational, but not logically omniscient agents. *Lecture Notes in Computer Science*, 1085:110–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelfriet:1996:SNR

- [1641] J. Engelfriet and J. Treur. Specification of nonmonotonic reasoning. *Lecture Notes in Computer Science*, 1085:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Errico:1996:IAS

- [1642] B. Errico and L. C. Aiello. Intelligent agents in the situation calculus: An application to user modelling. *Lecture Notes in Computer Science*, 1085:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelCerro:1996:TCW

- [1643] L. F. Del Cerro, A. F. Delgado, and A. Herzig. Talkin’bout consistency, or: When logically possible becomes possible. *Lecture Notes in Computer Science*, 1085:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feteris:1996:AEL

- [1644] E. T. Feteris. The analysis and evaluation of legal argumentation from a pragma-dialectical perspective. *Lecture Notes in Computer Science*, 1085:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finocchiaro:1996:RAR

- [1645] M. A. Finocchiaro. Reasoning about reasoning. *Lecture Notes in Computer Science*, 1085:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fisher:1996:RBP

- [1646] M. Fisher, M. Wooldridge, and C. Dixon. A resolution-based proof method for temporal logics of knowledge and belief. *Lecture Notes in Computer Science*, 1085:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gabbay:1996:MIT

- [1647] D. Gabbay and O. Rodrigues. A methodology for iterated theory change. *Lecture Notes in Computer Science*, 1085:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geffner:1996:FFC

- [1648] H. Geffner. A formal framework for causal modeling and argumentation. *Lecture Notes in Computer Science*, 1085:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gilbert:1996:GA

- [1649] M. A. Gilbert. Goals in argumentation. *Lecture Notes in Computer Science*, 1085:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giordano:1996:APP

- [1650] L. Giordano, A. Martelli, and M. L. Sapino. An abductive proof procedure for conditional logic programming. *Lecture Notes in Computer Science*, 1085:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Girle:1996:CDL

- [1651] R. A. Girle. Commands in dialogue logic. *Lecture Notes in Computer Science*, 1085:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1996:IRBb

- [1652] E. Giunchiglia and F. Giunchiglia. Ideal and real belief about belief. *Lecture Notes in Computer Science*, 1085:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gotoda:1996:ARO

- [1653] H. Gotoda, J. An, and Y. Fujiwara. Analogical reasoning of organic reactions based on the structured compound-reaction diagram. *Lecture Notes in Computer Science*, 1085:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guarini:1996:MMR

- [1654] M. Guarini. Mind, morals, and reasons. *Lecture Notes in Computer Science*, 1085:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hansen:1996:AWT

- [1655] H. V. Hansen. Aristotle, Whately, and the taxonomy of fallacies. *Lecture Notes in Computer Science*, 1085:318–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelfriet:1996:NRM

- [1656] J. Engelfriet, H. Herre, and J. Treur. Nonmonotonic reasoning with multiple belief sets. *Lecture Notes in Computer Science*, 1085:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grosse:1996:SGV

- [1657] G. Grosse, C. S. Herrmann, and E. Sandner. SEdit — graphically validating technical systems. *Lecture Notes in Computer Science*, 1085:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Johnson:1996:NDT

- [1658] R. H. Johnson. The need for a dialectical tier in arguments. *Lecture Notes in Computer Science*, 1085:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kerber:1996:TKN

- [1659] M. Kerber and E. Melis. Two kinds of non-monotonic analogical in-

ference. *Lecture Notes in Computer Science*, 1085:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloosterhuis:1996:NRA

- [1660] H. Kloosterhuis. The normative reconstruction of analogy argumentation in judicial decisions: a pragma-dialectical perspective. *Lecture Notes in Computer Science*, 1085:375–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kreitz:1996:FRA

- [1661] C. Kreitz, K.-K. Lau, and M. Ornaghi. Formal reasoning about modules, reuse, and their correctness. *Lecture Notes in Computer Science*, 1085:384–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

May:1996:TCF

- [1662] W. May and P. H. Schmitt. A tableau calculus for first-order branching time logic. *Lecture Notes in Computer Science*, 1085:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer:1996:PWS

- [1663] J.-J. C. Meyer and J. C. Van Leeuwen. Possible world semantics for analogous reasoning. *Lecture Notes in Computer Science*, 1085:414–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Montesi:1996:UTI

- [1664] D. Montesi, C. Renso, and F. Turini. Using temporary integrity constraints to optimize databases. *Lecture Notes in*

Computer Science, 1085:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neumann:1996:GIN

- [1665] I. Neumann. Graded inheritance nets for knowledge representation. *Lecture Notes in Computer Science*, 1085:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parsons:1996:DNS

- [1666] S. Parsons. Defining normative systems for qualitative argumentation. *Lecture Notes in Computer Science*, 1085:449–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plug:1996:CAJ

- [1667] J. Plug. Complex argumentation in judicial decisions. analysing conflicting arguments. *Lecture Notes in Computer Science*, 1085:464–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pohl:1996:CPM

- [1668] W. Pohl. Combining partitions and modal logic for user modeling. *Lecture Notes in Computer Science*, 1085:480–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pollock:1996:RCW

- [1669] J. L. Pollock. Reason in a changing world. *Lecture Notes in Computer Science*, 1085:495–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prakken:1996:SDA

- [1670] H. Prakken and G. Sartor. A system for defeasible argumentation, with defeasible priorities. *Lecture Notes in Computer Science*, 1085:510–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prendinger:1996:MLM

- [1671] H. Prendinger. Modal logics for modelling actions and agents. *Lecture Notes in Computer Science*, 1085:525–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radzikowska:1996:FRA

- [1672] A. Radzikowska. Formalization of reasoning about default action (preliminary report). *Lecture Notes in Computer Science*, 1085:540–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reed:1996:AAD

- [1673] C. Reed, D. Long, and M. Fox. An architecture for argumentative dialogue planning. *Lecture Notes in Computer Science*, 1085:555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaub:1996:SQA

- [1674] T. Schaub and M. Thielscher. Skeptical query-answering in constrained default logic. *Lecture Notes in Computer Science*, 1085:567–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shiu:1996:TTS

- [1675] S. Shiu, Z. Luo, and R. Garigliano. Type theoretic semantics for Sem-Net. *Lecture Notes in Computer Science*, 1085:582–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tindale:1996:SAP

- [1676] C. W. Tindale. From syllogisms to audiences: The prospects for logic in a rhetorical model of argumentation. *Lecture Notes in Computer Science*, 1085:596–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vogel:1996:HRN

- [1677] C. Vogel. Human reasoning with negative defaults. *Lecture Notes in Computer Science*, 1085:606–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber:1996:SU

- [1678] S. Weber. On the semantics of the unknown. *Lecture Notes in Computer Science*, 1085:622–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weydert:1996:SJR

- [1679] E. Weydert. System J — revision entailment — default reasoning through ranking measure updates. *Lecture Notes in Computer Science*, 1085:637–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Woods:1996:DDP

- [1680] J. Woods. Deep disagreements and public demoralization. *Lecture Notes in Computer Science*, 1085:650–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wooldridge:1996:PRP

- [1681] M. Wooldridge. Practical reasoning with procedural knowledge. *Lecture Notes in Computer Science*, 1085:663–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yi:1996:TAL

- [1682] C.-H. Yi. Towards the assessment of logics for concurrent actions. *Lecture Notes in Computer Science*, 1085:679–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1996:DRB

- [1683] G. Antoniou and M. A. Williams. Default reasoning and belief revision in the CIN project. *Lecture Notes in Computer Science*, 1085:691–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cimatti:1996:MMA

- [1684] A. Cimatti and L. Serafini. Mechanizing multi-agent reasoning with belief contexts. *Lecture Notes in Computer Science*, 1085:694–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Green:1996:AMM

- [1685] D. W. Green. Arguments and mental models: A position paper. *Lecture*

Notes in Computer Science, 1085:697–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parsons:1996:ADM

- [1686] S. Parsons and J. Fox. Argumentation and decision making: A position paper. *Lecture Notes in Computer Science*, 1085:705–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliveira:1996:IL

- [1687] C. M. G. M. Oliveira. The implementation of LENA. *Lecture Notes in Computer Science*, 1085:710–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliveira:1996:IC

- [1688] C. M. G. M. Oliveira. The implementation of CondLP. *Lecture Notes in Computer Science*, 1085:713–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Omelyanchyk:1996:HRA

- [1689] V. Omelyanchyk. How to reason about akratic action practically? *Lecture Notes in Computer Science*, 1085:716–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloom:1996:PTA

- [1690] C. P. Bloom. Promoting the transfer of advanced training technologies. *Lecture Notes in Computer Science*, 1086:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boy:1996:LES

- [1691] G. Boy. Learning evolution and software agents emergence. *Lecture Notes in Computer Science*, 1086:10–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1996:WTS

- [1692] A. Collins. Whither technology and schools: Collected thoughts on the last and next quarter centuries. *Lecture Notes in Computer Science*, 1086:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Merrill:1996:IDT

- [1693] M. D. Merrill. Instructional design tools based on knowledge objects. *Lecture Notes in Computer Science*, 1086:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schank:1996:MMS

- [1694] R. C. Schank. Multi-media software development and the tools to support it. *Lecture Notes in Computer Science*, 1086:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLehn:1996:CML

- [1695] K. VanLehn. Conceptual and meta learning during coached problem solving. *Lecture Notes in Computer Science*, 1086:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubourg:1996:ALF

- [1696] X. Dubourg. Une architecture logicielle fondée sur le concept d'événement — logiciel: le cas de REPERES. *Lecture Notes in Computer Science*, 1086:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frasson:1996:ABA

- [1697] C. Frasson, T. Mengelle, E. Aimeur, and G. Gouarderes. An actor-based architecture for intelligent tutoring systems. *Lecture Notes in Computer Science*, 1086:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gagne:1996:HFS

- [1698] D. Gagne and A. Trudel. A highly flexible student driven architecture for computer based instruction. *Lecture Notes in Computer Science*, 1086:66–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leman:1996:GAB

- [1699] S. Leman, P. Marcenac, and S. Giroux. A generic architecture for ITS based on a multi-agent approach. *Lecture Notes in Computer Science*, 1086:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:LCO

- [1700] H. Wang. LearnMedia: A co-operative intelligent tutoring system for learning multimedia. *Lecture Notes in Computer Science*, 1086:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murray:1996:HIA

- [1701] T. Murray. Having it all, maybe: Design tradeoffs in ITS authoring tools. *Lecture Notes in Computer Science*, 1086:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoelles:1996:TUE

- [1702] M. Schoelles and H. Hamburger. Teacher-usable exercise design tools. *Lecture Notes in Computer Science*, 1086:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Charlot:1996:MCP

- [1703] J.-M. Charlot, B. Marcos, and J. Lapointe. Modèles cognitifs pour l'apprentissage en thermodynamique. *Lecture Notes in Computer Science*, 1086:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corbett:1996:PSI

- [1704] A. T. Corbett and S. Knapp. Plan scaffolding: Impact on the process and product of learning. *Lecture Notes in Computer Science*, 1086:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khuwaja:1996:MTB

- [1705] R. Khuwaja and V. Patel. A model of tutoring: Based on the behavior of effective human tutors. *Lecture Notes in Computer Science*, 1086:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsubara:1996:MSH

- [1706] Y. Matsubara and M. Nagamachi. Motivation system and human model for intelligent tutoring. *Lecture Notes in Computer Science*, 1086:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mayers:1996:MFD

- [1707] A. Mayers and B. Lefebvre. La modélisation fine du processus rèsolution de problème dans MIA CE. *Lecture Notes in Computer Science*, 1086:148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayala:1996:LMS

- [1708] G. Ayala and Y. Yano. Learner models for supporting awareness and collaboration in a CSCL environment. *Lecture Notes in Computer Science*, 1086:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBarrosCosta:1996:MCI

- [1709] E. De Barros Costa and A. Perkusich. Modeling the cooperative interactions in a teaching/learning situation. *Lecture Notes in Computer Science*, 1086:168–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuji:1996:CBA

- [1710] T. Fuji, T. Tanigawa, M. Kozeni, and M. Inui. A case-based approach to collaborative learning for systems analyst education. *Lecture Notes in Computer Science*, 1086:177–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heh:1996:DDD

- [1711] J.-S. Heh, W.-T. Shu, J.-C. J. Jehng, and T.-W. Chan. Design and development of a distributed multi-user visual learning environment. *Lecture Notes in Computer Science*, 1086:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leroux:1996:MPC

- [1712] P. Leroux and M. Vivet. De la modélisation d’un processus de coopération a la conception de systèmes coopératifs d’apprentissage. *Lecture Notes in Computer Science*, 1086:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lund:1996:MDB

- [1713] K. Lund, M. Baker, and M. Baron. Modeling dialogue and beliefs as a basis for generating guidance in a CSCL environment. *Lecture Notes in Computer Science*, 1086:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tadie:1996:MMN

- [1714] S. G. Tadie, B. Lefebvre, and C. Frasson. MONACOT: un MOdèle à NAture COoperative pour la représentation de Tâches coopératives dans un STI. *Lecture Notes in Computer Science*, 1086:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khuwaja:1996:IGC

- [1715] R. Khuwaja, M. Desmarais, and R. Cheng. Intelligent guide: Combining

user knowledge assessment with pedagogical guidance. *Lecture Notes in Computer Science*, 1086:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsuda:1996:PCM

- [1716] N. Matsuda and T. Okamoto. Parallel computing model for problem solver towards ITSs — epistemological articulation of human problem solving. *Lecture Notes in Computer Science*, 1086:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millet:1996:AQR

- [1717] S. Millet and G. Gouarderes. Approche qualitative de la ré-ingénierie d’un système tuteur intelligent à partir d’une méthodologie d’évaluation. *Lecture Notes in Computer Science*, 1086:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1996:ICI

- [1718] L.-H. Wong, C.-K. Looi, and H.-C. Quek. Issues in computerizing the inquiry dialogue planning process. *Lecture Notes in Computer Science*, 1086:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brusilovsky:1996:EAI

- [1719] P. Brusilovsky, E. Schwarz, and G. Weber. ELM-ART: An intelligent tutoring system on World Wide Web. *Lecture Notes in Computer Science*, 1086:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Espinosa:1996:IAB

- [1720] E. Espinosa, A. Brito, and F. Ramos. Intelligent agent-based virtual education using the Java technology. *Lecture Notes in Computer Science*, 1086:270–278, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kabbaj:1996:USN

- [1721] A. Kabbaj, K. Rouane, and C. Frasson. The use of a semantic network activation language in an ITS project. *Lecture Notes in Computer Science*, 1086:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tabak:1996:CGD

- [1722] I. Tabak, B. K. Smith, W. A. Sandoval, and B. J. Reiser. Combining general and domain-specific strategic support for biological inquiry. *Lecture Notes in Computer Science*, 1086:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fix:1996:UCP

- [1723] V. Fix and S. Wiedenbeck. Using cognition of programming literature in the design of a tool for learning a second programming language. *Lecture Notes in Computer Science*, 1086:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1996:CBA

- [1724] S. X. Huang. A content-balanced adaptive testing algorithm for computer-based training systems. *Lecture Notes in Computer Science*, 1086:306–??,

1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teutsch:1996:MSE

- [1725] P. Teutsch. Un modèle de situation d'évaluation pour le suivi de formation en langue étrangère. *Lecture Notes in Computer Science*, 1086:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:FEL

- [1726] A. K. W. Wu. On the formal evaluation of learning systems. *Lecture Notes in Computer Science*, 1086:324–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouhineau:1996:PLP

- [1727] D. Bouhineau and S. Channac. La programmation logique par contraintes pour l'aide à l'enseignant. *Lecture Notes in Computer Science*, 1086:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cerri:1996:CMT

- [1728] S. A. Cerri. Computational mathematics toolkit: Architectures for modeling dialogues. *Lecture Notes in Computer Science*, 1086:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Folckers:1996:IPS

- [1729] J. Folckers, C. Moebus, O. Schroeder, and H.-J. Thole. An intelligent problem solving environment for designing explanation models and for diagnostic reasoning in probabilistic domains. *Lecture Notes in Computer Science*, 1086:353–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giroux:1996:EPE

- [1730] S. Giroux, G. Paquette, F. Pachet, and J. Girard. EpiTalk — A platform for Epiphyte advisor systems dedicated to both individual and collaborative learning. *Lecture Notes in Computer Science*, 1086:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paolucci:1996:AAG

- [1731] M. Paolucci, D. Suthers, and A. Weiner. Automated advice-giving strategies for scientific inquiry. *Lecture Notes in Computer Science*, 1086:372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paquette:1996:ACE

- [1732] G. Paquette and J. Girard. AGD: A course engineering support system. *Lecture Notes in Computer Science*, 1086:382–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBuen-Rodriguez:1996:KBF

- [1733] P. R. De Buen-Rodriguez, E. F. Morales, and S. Vadera. A knowledge-based framework for learning, applying and consulting engineering procedures. *Lecture Notes in Computer Science*, 1086:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elorriaga:1996:HAE

- [1734] J. A. Elorriaga and I. Fernandez-Castro. The HSIIP approach. an extension for a teacher's apprentice. *Lec-*

ture Notes in Computer Science, 1086:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohnuma:1996:PTT

- [1735] H. Ohnuma and T. Watanabe. The program tutoring text model. *Lecture Notes in Computer Science*, 1086:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nkambou:1996:MRD

- [1736] R. Nkambou and G. Gauthier. Un module de représentation du curriculum dans un STI. *Lecture Notes in Computer Science*, 1086:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Akhras:1996:PSL

- [1737] F. N. Akhras and J. A. Self. A process-sensitive learning environment architecture. *Lecture Notes in Computer Science*, 1086:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alexe:1996:LES

- [1738] C. Alexe and J. Gecsei. A learning environment for the surgical intensive care unit. *Lecture Notes in Computer Science*, 1086:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernat:1996:NWV

- [1739] P. Bernat and J. Morinet-Lambert. A new way for visual reasoning in geometry education. *Lecture Notes in Computer Science*, 1086:448–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burow:1996:EEL

- [1740] R. Burow and G. Weber. Example explanation in learning environments. *Lecture Notes in Computer Science*, 1086:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirashima:1996:TLE

- [1741] T. Hirashima, A. Kashihara, and J. Toyoda. Toward a learning environment allowing learner-directed problem practice — helping problem-solving by using problem simplification. *Lecture Notes in Computer Science*, 1086:466–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lester:1996:FPS

- [1742] J. C. Lester, B. A. Stone, M. A. O’Leary, and R. B. Stevenson. Focusing problem solving in design-centered learning environments. *Lecture Notes in Computer Science*, 1086:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blanc:1996:UMQ

- [1743] F. Blanc. Une utilisation de la modélisation qualitative pour la planification pédagogique. *Lecture Notes in Computer Science*, 1086:484–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goel:1996:TDL

- [1744] A. K. Goel, A. G. De Silva Garza, N. Grue, and J. W. Murdock. Towards design learning environments —

I: Exploring how devices work. *Lecture Notes in Computer Science*, 1086: 493–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lecllet:1996:MSB

[1745] D. Lecllet and G. Weidenfeld. Un module de simulation basée sur une représentation de type “objets-règles” pour l’enseignement des métiers de ventes. *Lecture Notes in Computer Science*, 1086:502–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liddle:1996:GAD

[1746] J. Liddle, R. Leitch, and K. Brown. Generic approaches to developing practical intelligent industrial training systems. *Lecture Notes in Computer Science*, 1086:512–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Obradovich:1996:TMT

[1747] J. H. Obradovich, P. J. Smith, S. Guerlain, and S. Rudmann. The transfusion medicine tutor: Using expert systems technology to teach domain-specific problem-solving skills. *Lecture Notes in Computer Science*, 1086:521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schewe:1996:EKB

[1748] S. Schewe, T. Quak, B. Reinhardt, and F. Puppe. Evaluation of a knowledge-based tutorial program in rheumatology — A part of a mandatory course in internal medicine. *Lecture Notes in Computer Science*, 1086:531–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eliot:1996:IDV

[1749] C. Eliot and B. P. Woolf. Iterative development and validation of a simulation-based medical tutor. *Lecture Notes in Computer Science*, 1086: 540–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moebus:1996:WIP

[1750] C. Moebus, O. Schroeder, and H.-J. Thole. WULPUS — an intelligent problem solving environment delivering knowledge based help and explanations in business management simulation. *Lecture Notes in Computer Science*, 1086:550–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:UCB

[1751] D. M. Zhang and L. Alem. Using case-based reasoning for exercise design in simulation-based training. *Lecture Notes in Computer Science*, 1086:560–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1996:AAU

[1752] J. A. Collins, J. E. Greer, and S. X. Huang. Adaptive assessment using granularity hierarchies and Bayesian nets. *Lecture Notes in Computer Science*, 1086:569–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dowling:1996:AAT

- [1753] C. E. Dowling, C. Hockemeyer, and A. H. Ludwig. Adaptive assessment and training using the neighbourhood of knowledge states. *Lecture Notes in Computer Science*, 1086:578–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitrovic:1996:SSI

- [1754] A. Mitrovic. SINT — A symbolic integration tutor. *Lecture Notes in Computer Science*, 1086:587–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reye:1996:BNB

- [1755] J. Reye. A belief net backbone for student modeling. *Lecture Notes in Computer Science*, 1086:596–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stern:1996:APP

- [1756] M. Stern, J. Beck, and B. P. Woolf. Adaptation of problem presentation and feedback in an intelligent mathematics tutor. *Lecture Notes in Computer Science*, 1086:605–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yacef:1996:SEM

- [1757] K. Yacef and L. Alem. Student and expert modeling for simulation-based training: A cost effective framework. *Lecture Notes in Computer Science*, 1086:614–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chang:1996:PLS

- [1758] K.-E. Chang, B.-C. Chiao, and R.-S. Hsiao. A programming learning system for beginners — A completion strategy approach. *Lecture Notes in Computer Science*, 1086:623–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freedman:1996:GRH

- [1759] R. Freedman and M. W. Evens. Generating and revising hierarchical multi-turn text plans in an ITS. *Lecture Notes in Computer Science*, 1086:632–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Katz:1996:TDM

- [1760] S. Katz, A. Lesgold, G. Eggan, and L. Greenberg. Towards the design of more effective advisors for learning-by-doing systems. *Lecture Notes in Computer Science*, 1086:641–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ragnemalm:1996:CDL

- [1761] E. L. Ragnemalm. Collaborative dialogue with a learning companion as a source of information on student reasoning. *Lecture Notes in Computer Science*, 1086:650–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Retalis:1996:ADT

- [1762] S. Retalis, H. Pain, and M. Haggith. Arguing with the devil: Teaching in controversial domains. *Lecture Notes in Computer Science*, 1086:659–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Slator:1996:LLR

- [1763] B. M. Slator and H. Chaput. Learning by learning roles: A virtual role-playing environment for tutoring. *Lecture Notes in Computer Science*, 1086:668–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Srisethanil:1996:EDI

- [1764] C. Srisethanil and N. C. Baker. ITS-Engineering: A domain independent ITS for building engineering tutors. *Lecture Notes in Computer Science*, 1086:677–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1996:DAC

- [1765] H. Yang and C. Zhang. Definition and application of a comprehensive framework for distributed problem solving. *Lecture Notes in Computer Science*, 1087:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cavedon:1996:LFM

- [1766] L. Cavedon and G. Tidhar. A logical framework for multi-agent systems and joint attitudes. *Lecture Notes in Computer Science*, 1087:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shehory:1996:KOM

- [1767] O. Shehory and S. Kraus. A kernel-oriented model for autonomous-agent coalition-formation in general environments. *Lecture Notes in Computer Science*, 1087:31–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ossowski:1996:KLM

- [1768] S. Ossowski and A. Garcia-Serrano. A knowledge-level model of coordination. *Lecture Notes in Computer Science*, 1087:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1996:EMM

- [1769] B. Carlsson. An evolutionary model of multi-agent systems. *Lecture Notes in Computer Science*, 1087:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luck:1996:ECM

- [1770] M. Luck and M. D’Inverno. Engagement and cooperation in motivated agent modelling. *Lecture Notes in Computer Science*, 1087:70–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kendall:1996:MDA

- [1771] E. A. Kendall, M. T. Malkoun, and C. H. Jiang. A methodology for developing agent based systems. *Lecture Notes in Computer Science*, 1087:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wobcke:1996:PRI

- [1772] W. Wobcke. Plans and the revision of intentions. *Lecture Notes in Computer Science*, 1087:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DInverno:1996:FVS

- [1773] M. D’Inverno and M. Luck. A formal view of social dependence net-

works. *Lecture Notes in Computer Science*, 1087:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sommaruga:1996:PTD

- [1774] L. Sommaruga and N. Catenazzi. From practice to theory in designing autonomous agents. *Lecture Notes in Computer Science*, 1087:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munday:1996:MPM

- [1775] C. Munday, J. Dangedej, T. Cross, and D. Lukose. Motivation and perception mechanisms in mobil agent for electronic commerce. *Lecture Notes in Computer Science*, 1087:144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rao:1996:IAA

- [1776] A. S. Rao. Integrated agent architecture: Execution and recognition of mental-states. *Lecture Notes in Computer Science*, 1087:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:NNS

- [1777] M. Zhang and C. Zhang. Neural network strategies for solving synthesis problems in non-conflict cases in distributed expert systems. *Lecture Notes in Computer Science*, 1087:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davidsson:1996:LQA

- [1778] P. Davidsson. A linearly quasi-anticipatory autonomous agent archi-

ture: Some preliminary experiments. *Lecture Notes in Computer Science*, 1087:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belo:1996:CAO

- [1779] O. Belo and J. Neves. Cooperation among opportunistic agents on a distributed environment. *Lecture Notes in Computer Science*, 1087:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moulin:1996:SBD

- [1780] B. Moulin and M. Brassard. A scenario-based design and an environment of multi-agent systems. *Lecture Notes in Computer Science*, 1087:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taft:1996:PIA

- [1781] S. T. Taft. Programming the Internet in Ada 95. *Lecture Notes in Computer Science*, 1088:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneidewind:1996:RMS

- [1782] N. F. Schneidewind. Reliability modeling for safety critical software. *Lecture Notes in Computer Science*, 1088:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerraoui:1996:FTR

- [1783] R. Guerraoui and A. Schiper. Fault-tolerance by replication in distributed systems. *Lecture Notes in Computer Science*, 1088:38–??, 1996. CODEN

LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burns:1996:AEC

- [1784] A. Burns and A. J. Wellings. Ada 95: An effective concurrent programming language. *Lecture Notes in Computer Science*, 1088:58–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLaPuente:1996:MHH

- [1785] J. A. De La Puente, A. Alonso, and A. Alvarez. Mapping HRT-HOOD designs to Ada 95 hierarchical libraries. *Lecture Notes in Computer Science*, 1088:78–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:AIS

- [1786] H. Kim and C. Boldyreff. An approach to increasing software component reusability in Ada. *Lecture Notes in Computer Science*, 1088:89–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kruchten:1996:ISD

- [1787] P. Kruchten and C. J. Thompson. Iterative software development for large Ada programs. *Lecture Notes in Computer Science*, 1088:101–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emery:1996:HUD

- [1788] D. Emery and J. S. Madhur. HCS9 unit development process: Step-wise process improvement. *Lecture Notes in Computer Science*, 1088:111–??, 1996.

CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Madhav:1996:TAP

- [1789] N. Madhav. Testing Ada 95 programs for conformance to rapide architectures. *Lecture Notes in Computer Science*, 1088:123–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:TDA

- [1790] J. Cheng and K. Ushijima. Tasking deadlocks in Ada 95 programs and their detection. *Lecture Notes in Computer Science*, 1088:135–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:SCP

- [1791] Z. T. Chen and Y. T. Yu. On some characterisation problems of sub-domain testing. *Lecture Notes in Computer Science*, 1088:147–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fletcher:1996:FTO

- [1792] R. Fletcher and A. S. M. Sajeed. A framework for testing object-oriented software using formal specifications. *Lecture Notes in Computer Science*, 1088:159–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Craigen:1996:ACS

- [1793] D. Craigen, M. Saaltink, and S. Michell. Ada 95 and critical systems: An analytical approach. *Lecture Notes in Computer Science*, 1088:171–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rosskopf:1996:USA

- [1794] A. Rosskopf. Use of a static analysis tool for safety-critical Ada applications: A critical assessment. *Lecture Notes in Computer Science*, 1088:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kienzle:1996:SCD

- [1795] J. Kienzle, T. Wolf, and A. Strohmeier. Secure communication in distributed ada. *Lecture Notes in Computer Science*, 1088:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lundqvist:1996:UOO

- [1796] K. Lundqvist and G. Wall. Using object-oriented methods in Aria 95 to implement Linda. *Lecture Notes in Computer Science*, 1088:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wall:1996:SPT

- [1797] G. Wall and K. Lundqvist. Shared packages through Linda. *Lecture Notes in Computer Science*, 1088:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miranda:1996:DAE

- [1798] F. J. Miranda, A. Alvarez, S. Arevalo, and F. J. Guerra. Drago: An Ada extension to program fault-tolerant distributed applications. *Lecture Notes in Computer Science*, 1088:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brosgol:1996:DPA

- [1799] B. M. Brosgol. The dining philosophers in Ada 95. *Lecture Notes in Computer Science*, 1088:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Real:1996:UAP

- [1800] J. Real, A. Espinosa, and A. Crespo. Using Ada 95 for prototyping real-time systems. *Lecture Notes in Computer Science*, 1088:262–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oh:1996:GIP

- [1801] D.-I. Oh, T. P. Baker, and S.-J. Moon. The GNARL implementation of POSIX/Ada signal services. *Lecture Notes in Computer Science*, 1088:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mundie:1996:IPT

- [1802] D. Mundie, J. Fardo, and E. Kuzemchak. Implementing protected types on embedded targets. *Lecture Notes in Computer Science*, 1088:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rybin:1996:AGP

- [1803] S. Rybin, A. Strohmeier, A. Kuchumov, and V. Fofanov. ASIS for GNAT: From the prototype to the full implementation. *Lecture Notes in Computer Science*, 1088:298–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sotirovski:1996:HIG

- [1804] D. Sotirovski and P. Kruchten. Handling irregular grammars in Ada. *Lecture Notes in Computer Science*, 1088:312–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Birus:1996:ICO

- [1805] T. Birus, C. Cipriani, and D. Sutherland. Interprocedural call optimization. *Lecture Notes in Computer Science*, 1088:319–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blieberger:1996:AAA

- [1806] J. Blieberger, R. Lieger, and B. Burgstaller. Augmenting Ada 95 with additional real-tune features. *Lecture Notes in Computer Science*, 1088:330–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oudshoorn:1996:BAA

- [1807] M. J. Oudshoorn and S. C. Crawley. Beyond Ada 95: The addition of persistence and its consequences. *Lecture Notes in Computer Science*, 1088:342–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzmueller:1996:EEO

- [1808] B. Holzmueller. Extending the object-orientedness of Ada 95. *Lecture Notes in Computer Science*, 1088:357–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBondeli:1996:AVS

- [1809] P. De Bondeli. An Ada 95 view of some difficult or controversial points in object-oriented programming. *Lecture Notes in Computer Science*, 1088:370–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gellerich:1996:WDG

- [1810] W. Gellerich, M. Kosiol, and E. Ploedreder. Where does GOTO go to? *Lecture Notes in Computer Science*, 1088:385–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millan:1996:AOC

- [1811] T. Millan and P. Bazex. Ada/O2 coupling: A solution for an efficient management of persistence in Ada 83. *Lecture Notes in Computer Science*, 1088:396–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gliss:1996:AHC

- [1812] B. Gliss. An Ada 95 harness for converting legacy Fortran applications. *Lecture Notes in Computer Science*, 1088:413–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bremmon:1996:FMM

- [1813] C. Bremmon. The funds management modernization: Experiences with developing an object-oriented, client-server management information system in Ada 95. *Lecture Notes in Computer Science*, 1088:427–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Molenmaker:1996:CPT

- [1814] K. Molenmaker. Converting the part task nautical simulator to Ada 95. *Lecture Notes in Computer Science*, 1088:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Celier:1996:VCM

- [1815] V. Celier. Visibility control and migration of interfaces in large Ada systems. *Lecture Notes in Computer Science*, 1088:451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waroquiers:1996:ATD

- [1816] P. Waroquiers. Ada tasking and dynamic memory: To use or not to use, that's a question! *Lecture Notes in Computer Science*, 1088:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emery:1996:EAP

- [1817] D. E. Emery, R. F. Hilliard, and T. B. Rice. Experiences applying a practical architectural method. *Lecture Notes in Computer Science*, 1088:471–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smart:1996:DDD

- [1818] J. D. Smart. A decade of development and deployment of distributed Ada systems. *Lecture Notes in Computer Science*, 1088:485–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feith:1996:PTA

- [1819] R. Feith and M. Tonndorf. Planning the transition to Ada 95 for a large real-time project. *Lecture Notes in Computer Science*, 1088:500–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ramalingam:1996:BIC

- [1820] G. Ramalingam. Bounded incremental computation. *Lecture Notes in Computer Science*, 1089:xi + 190, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrews:1996:IBL

- [1821] M. Andrews, M. X. Goemans, and L. Zhang. Improved bounds for on-line load balancing. *Lecture Notes in Computer Science*, 1090:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xue:1996:ATA

- [1822] G. Xue and D.-Z. Du. An $O(n \log n)$ -average-time algorithm for shortest networks under a given topology. *Lecture Notes in Computer Science*, 1090:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1996:SPD

- [1823] T.-S. Hsu, K.-H. Tsai, D.-W. Wang, and D. T. Lee. Steiner problems on directed acyclic graphs. *Lecture Notes in Computer Science*, 1090:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karaivazoglou:1996:WVD

- [1824] E. Karaivazoglou, P. Spirakis, and V. Triantafilou. Wormhole versus deflection routing: A case study on the mesh. *Lecture Notes in Computer Science*, 1090:31–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lefmann:1996:SPC

- [1825] H. Lefmann, P. Pudlak, and P. Savicky. On sparse parity check matrices. *Lecture Notes in Computer Science*, 1090:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:FHC

- [1826] Z. Chen, C. Cunha, and S. Homer. Finding a hidden code by asking questions. *Lecture Notes in Computer Science*, 1090:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dai:1996:ILL

- [1827] H. K. Dai and K. E. Flannery. Improved length lower bounds for reflecting sequences. *Lecture Notes in Computer Science*, 1090:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Imai:1996:CGA

- [1828] H. Imai, S. Iwata, K. Sekine, and K. Yoshida. Combinatorial and geometric approaches to counting problems on linear matroids, graphic arrangements, and partial orders. *Lecture Notes in Computer Science*, 1090:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiBattista:1996:OSR

- [1829] G. Di Battista, R. Tamassia, and L. Vismara. Output-sensitive reporting of disjoint paths. *Lecture Notes in Computer Science*, 1090:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahman:1996:RGD

- [1830] S. M. Rahman, S.-I. Nakano, and T. Nishizeki. Rectangular grid drawings of plane graphs. *Lecture Notes in Computer Science*, 1090:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shin:1996:AEA

- [1831] C.-S. Shin, Sung Kwon Kim, and K.-Y. Chwa. Area-efficient algorithms for upward straight-line tree drawings. *Lecture Notes in Computer Science*, 1090:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aichholzer:1996:SSG

- [1832] O. Aichholzer and F. Aurenhammer. Straight skeletons for general polygonal figures in the plane. *Lecture Notes in Computer Science*, 1090:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allender:1996:NUC

- [1833] E. Allender. A note on uniform circuit lower bounds for the counting hierarchy. *Lecture Notes in Computer Science*, 1090:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmeister:1996:NSE

- [1834] T. Hofmeister. A note on the simulation of exponential threshold weights. *Lecture Notes in Computer Science*, 1090:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grolmusz:1996:HAR

- [1835] V. Grolmusz. Harmonic analysis, real approximation, and the communication complexity of Boolean functions. *Lecture Notes in Computer Science*, 1090:142–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calinescu:1996:FLP

- [1836] G. Calinescu and C. G. Fernandes. Finding large planar subgraphs and large subgraphs of a given genus. *Lecture Notes in Computer Science*, 1090:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shahrokhi:1996:EDA

- [1837] F. Shahrokhi and W. Shi. Efficient deterministic algorithms for embedding graphs on books. *Lecture Notes in Computer Science*, 1090:162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1996:OBL

- [1838] T.-S. Hsu and M.-Y. Kao. Optimal bi-level augmentation for selectivity enhancing graph connectivity with applications. *Lecture Notes in Computer Science*, 1090:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Domingo:1996:ELS

- [1839] C. Domingo. Exact learning of subclasses of CDNF formulas with membership queries. *Lecture Notes in Computer Science*, 1090:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Teng:1996:FSD

- [1840] S.-H. Teng. Fast separator decomposition for finite-element meshes. *Lecture Notes in Computer Science*, 1090:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodlaender:1996:RAC

- [1841] H. L. Bodlaender and B. De Fluiter. Reduction algorithms for constructing solutions in graphs with small treewidth. *Lecture Notes in Computer Science*, 1090:199–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uehara:1996:FRN

- [1842] R. Uehara, Z.-Z. Chen, and X. He. Fast RNC and NC algorithms for finding a maximal set of paths with an application. *Lecture Notes in Computer Science*, 1090:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaerkkainen:1996:SST

- [1843] J. Kaerkkainen and E. Ukkonen. Sparse suffix trees. *Lecture Notes in Computer Science*, 1090:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yeh:1996:DET

- [1844] C.-H. Yeh and E. A. Varvarigos. Depth-efficient threshold circuits for multiplication and symmetric function computation. *Lecture Notes in Computer Science*, 1090:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arvind:1996:NSW

- [1845] V. Arvind. A note on the self-witnessing property of computational problems. *Lecture Notes in Computer Science*, 1090:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kavvadias:1996:ISP

- [1846] D. Kavvadias and M. Sideri. The inverse satisfiability problem. *Lecture Notes in Computer Science*, 1090:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hemaspaandra:1996:JCL

- [1847] L. A. Hemaspaandra, Z. Jiang, J. Rothe, and O. Watanabe. The join can lower complexity. *Lecture Notes in Computer Science*, 1090:260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yong:1996:DEG

- [1848] X. Yong. On the distribution of eigenvalues of graphs. *Lecture Notes in Computer Science*, 1090:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grigni:1996:DDG

- [1849] M. Grigni, V. Mirelli, and C. H. Papadimitriou. On the difficulty of designing good classifiers. *Lecture Notes in Computer Science*, 1090:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kumar:1996:ALS

- [1850] S. R. Kumar, A. Russell, and R. Sundaram. Approximating Latin square extensions. *Lecture Notes in Computer Science*, 1090:280–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Akutsu:1996:AMK

- [1851] T. Akutsu and F. Bao. Approximating minimum keys and optimal substructure screens. *Lecture Notes in Computer Science*, 1090:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belanger:1996:RCR

- [1852] J. Belanger and W. Jie. Reductions and coverage rates of average time. *Lecture Notes in Computer Science*, 1090:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yanbe:1996:CCP

- [1853] A. Yanbe and K. Sakurai. On the complexity of computational problems associated with simple stochastic games. *Lecture Notes in Computer Science*, 1090:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ibarra:1996:CCA

- [1854] O. Ibarra, P. Diniz, and M. Rinard. On the complexity of commutativity analysis. *Lecture Notes in Computer Science*, 1090:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clementi:1996:INA

- [1855] A. E. F. Clementi and L. Trevisan. Improved non-approximability results for vertex cover problems with density constraints. *Lecture Notes in Computer Science*, 1090:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:SNN

- [1856] M. Li, J. Tromp, and L. Zhang. Some notes on the nearest neighbour interchange distance. *Lecture Notes in Computer Science*, 1090:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shanbhogue:1996:DCA

- [1857] V. Shanbhogue and M. Yung. Distributed computing in asynchronous networks with Byzantine edges. *Lecture Notes in Computer Science*, 1090:352–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1996:WBL

- [1858] S. Cho and S. Sahni. Weight biased leftist trees and modified skip lists. *Lecture Notes in Computer Science*, 1090:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1996:PAL

- [1859] Hoong Chuin Lau. Probabilistic analysis of local search and NP-Completeness result for constraint satisfaction. *Lecture Notes in Computer Science*, 1090:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Whitesides:1996:RC

- [1860] S. Whitesides and N. Pei. On the reconfiguration of chains. *Lecture Notes in Computer Science*, 1090:381–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tan:1996:TGR

- [1861] X. Tan and B. Zhu. Two-guarding a rectilinear polygon. *Lecture Notes in Computer Science*, 1090:391–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Safavi-Naini:1996:TSS

- [1862] R. Safavi-Naini. Three systems for shared generation of authenticators. *Lecture Notes in Computer Science*, 1090:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1996:EGE

- [1863] K.-Y. Lam, L. San, and L. C.-K Hui. Efficient generation of elliptic curve cryptosystems. *Lecture Notes in Computer Science*, 1090:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meng:1996:SMM

- [1864] J. Meng. Superconnectivity for minimal multi-loop networks. *Lecture Notes*

in *Computer Science*, 1090:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agha:1996:MCS

- [1865] G. Agha. Modeling concurrent systems: Actors, nets, and the problem of abstraction and composition. *Lecture Notes in Computer Science*, 1091:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murata:1996:TUF

- [1866] T. Murata. Temporal uncertainty and fuzzy-timing high-level Petri nets. *Lecture Notes in Computer Science*, 1091:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valmari:1996:CSS

- [1867] A. Valmari. Compositionality in state space verification methods. *Lecture Notes in Computer Science*, 1091:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barkaoui:1996:LCS

- [1868] K. Barkaoui and J.-F. Pradat-Peyre. On liveness and controlled siphons in Petri nets. *Lecture Notes in Computer Science*, 1091:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benalycherif:1996:BSC

- [1869] M.-L. Benalycherif and C. Girault. Behavioral and structural composition rules preserving liveness by synchronization for colored FIFO nets. *Lecture Notes in Computer Science*, 1091:73–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Bilinski:1996:HLS

- [1870] K. Bilinski and E. L. Dagless. High level synthesis of synchronous parallel controllers. *Lecture Notes in Computer Science*, 1091:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Busi:1996:NSS

- [1871] N. Busi and G. M. Pinna. Non sequential semantics for contextual P/T nets. *Lecture Notes in Computer Science*, 1091:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Donatelli:1996:PMI

- [1872] S. Donatelli and G. Franceschinis. The PSR methodology: Integrating hardware and software models. *Lecture Notes in Computer Science*, 1091:133–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Floreani:1996:DVC

- [1873] D. J. Floreani, J. Billington, and A. Dadej. Designing and verifying a communications gateway using colored Petri nets and design/CPN. *Lecture Notes in Computer Science*, 1091:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

German:1996:EIR

- [1874] R. German, A. P. A. Van Moorsel, M. A. Qureshi, and W. H. Sanders. Expected impulse rewards in Markov regenerative stochastic Petri nets. *Lec-*

ture Notes in Computer Science, 1091:172–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haddad:1996:ACH

- [1875] S. Haddad and P. Moreaux. Asynchronous composition of high level Petri nets: A quantitative approach. *Lecture Notes in Computer Science*, 1091:192–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:FDH

- [1876] X. He. A formal definition of hierarchical predicate transition nets. *Lecture Notes in Computer Science*, 1091:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hiraishi:1996:RSS

- [1877] K. Hiraishi. Reduced state space representation for unbounded vector state spaces. *Lecture Notes in Computer Science*, 1091:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joergensen:1996:MAD

- [1878] J. B. Joergensen and K. H. Mortensen. Modeling and analysis of distributed program execution in BETA using colored Petri nets. *Lecture Notes in Computer Science*, 1091:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kemper:1996:RAB

- [1879] P. Kemper. Reachability analysis based on structured representations. *Lecture*

Notes in Computer Science, 1091:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kindler:1996:ATP

- [1880] E. Kindler and R. Walter. Arc-typed Petri nets. *Lecture Notes in Computer Science*, 1091:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kleijnjohann:1996:SLS

- [1881] B. Kleijnjohann, E. Kleijnjohann, and J. Tacke. The SEA language for system engineering and animation. *Lecture Notes in Computer Science*, 1091:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knaup:1996:NIN

- [1882] W. Knaup. A new iterative numerical solution algorithm for a class of stochastic Petri nets. *Lecture Notes in Computer Science*, 1091:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kondratyev:1996:SAA

- [1883] A. Kondratyev, M. Kishinevsky, A. Taubin, and S. Ten. A structural approach for the analysis of Petri nets by reduced unfoldings. *Lecture Notes in Computer Science*, 1091:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kovalyov:1996:AVI

- [1884] A. Kovalyov. An $O(dSd \times dTd)$ -algorithm to verify if a net is regular. *Lecture Notes in Computer Science*, 1091:366–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lakos:1996:CUN

- [1885] C. Lakos. The consistent use of names and polymorphism in the definition of object Petri nets. *Lecture Notes in Computer Science*, 1091:380–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LinnebergRasmussen:1996:DSS

- [1886] J. Linneberg Rasmussen and M. Singh. Designing a security system by means of colored Petri nets. *Lecture Notes in Computer Science*, 1091:400–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nigro:1996:MAD

- [1887] L. Nigro and F. Pupo. Modeling and analysing DART systems through high-level Petri nets. *Lecture Notes in Computer Science*, 1091:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Recalde:1996:CMH

- [1888] L. Recalde, E. Teruel, and M. Silva. OSC0*ECS: A class of modular and hierarchical cooperating systems. *Lecture Notes in Computer Science*, 1091:440–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sunesen:1996:BEI

- [1889] K. Sunesen and M. Nielsen. Behavioral equivalence for infinite systems — partially decidable! *Lecture Notes in Computer Science*, 1091:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanOosten:1996:TAT

- [1890] J. Van Oosten. Topological aspects of traces. *Lecture Notes in Computer Science*, 1091:480–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Varshavsky:1996:ACD

- [1891] V. I. Varshavsky and V. B. Marakhovsky. Asynchronous control device design by net model behavior simulation. *Lecture Notes in Computer Science*, 1091:497–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vernadat:1996:CSG

- [1892] F. Vernadat, P. Azema, and F. Michel. Covering step graph. *Lecture Notes in Computer Science*, 1091:516–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuan:1996:PAC

- [1893] J. Yuan, L. Liu, and Z. Dong. Performance analysis of a connection management scheme in IWU interconnecting LANs across ATM networks. *Lecture Notes in Computer Science*, 1091:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baaz:1996:IFO

- [1894] M. Baaz, A. Leitsch, and R. Zach. Incompleteness of a first-order Gödel logic and some temporal logics of programs. *Lecture Notes in Computer Science*, 1092:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barros:1996:SNT

- [1895] J. Barros and J. Goguen. Semantics of non-terminating rewrite systems using minimal coverings. *Lecture Notes in Computer Science*, 1092:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1996:CT

- [1896] G. Barthe and H. Geuvers. Congruence types. *Lecture Notes in Computer Science*, 1092:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beckert:1996:DCS

- [1897] B. Beckert and R. Haehnle. Deduction by combining semantic tableaux and integer programming. *Lecture Notes in Computer Science*, 1092:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beckert:1996:LLE

- [1898] B. Beckert and J. Posegga. leanEA: A lean evolving algebra compiler. *Lecture Notes in Computer Science*, 1092:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blackburn:1996:PSF

- [1899] P. Blackburn, W. Meyer-Viol, and M. De Rijke. A proof system for finite trees. *Lecture Notes in Computer Science*, 1092:86–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1996:RUL

- [1900] J. Brown and L. A. Wallen. Representing unification in a logical frame-

work. *Lecture Notes in Computer Science*, 1092:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caferra:1996:DPU

- [1901] R. Caferra and N. Peltier. Decision procedures using model building techniques. *Lecture Notes in Computer Science*, 1092:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clote:1996:NRB

- [1902] P. Clote. A note on the relation between polynomial time functionals and Constable’s class K . *Lecture Notes in Computer Science*, 1092:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dawar:1996:FOL

- [1903] A. Dawar, S. Lindell, and S. Weinstein. First order logic, fixed point logic and linear order. *Lecture Notes in Computer Science*, 1092:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degtyarev:1996:SRU

- [1904] A. Degtyarev and A. Voronkov. Simultaneous rigid E-unification is undecidable. *Lecture Notes in Computer Science*, 1092:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelCastillo:1996:EAA

- [1905] G. Del Castillo, I. Durdanovic, and U. Glaesser. An evolving algebra abstract machine. *Lecture Notes in Computer Science*, 1092:191–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiCosmo:1996:REP

- [1906] R. Di Cosmo and D. Kesner. Rewriting with extensional polymorphic lambda-calculus. *Lecture Notes in Computer Science*, 1092:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Droste:1996:LLD

- [1907] M. Droste and D. Kuske. Languages and logical definability in concurrency monoids. *Lecture Notes in Computer Science*, 1092:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grumbach:1996:GID

- [1908] S. Grumbach, Z. Lacroix, and S. Lindell. Generalized implicit definitions on finite structures. *Lecture Notes in Computer Science*, 1092:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gurevich:1996:RCP

- [1909] Y. Gurevich and J. K. Huggins. The railroad crossing problem: An experiment with instantaneous actions and immediate reactions. *Lecture Notes in Computer Science*, 1092:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hasegawa:1996:LAP

- [1910] R. Hasegawa. A logical aspect of parametric polymorphism. *Lecture Notes in Computer Science*, 1092:291–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heuerding:1996:MLK

- [1911] A. Heuerding and S. Schwendimann. On the modal logic K plus theories. *Lecture Notes in Computer Science*, 1092:308–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hudelmaier:1996:IDP

- [1912] J. Hudelmaier. Improved decision procedures for the modal logics K,T, and S4. *Lecture Notes in Computer Science*, 1092:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ingolfssdottir:1996:FAD

- [1913] A. Ingolfssdottir and A. Schalk. A fully abstract denotational model for observational precongruence. *Lecture Notes in Computer Science*, 1092:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Johannsen:1996:SBL

- [1914] J. Johannsen. On sharply bounded length induction. *Lecture Notes in Computer Science*, 1092:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kummer:1996:ESE

- [1915] M. Kummer and M. Ott. Effective strategies for Enumeration Games 368. *Lecture Notes in Computer Science*, 1092:368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leiss:1996:BFP

- [1916] H. Leiss. Bounded fixed-point definability and tabular recognition of languages. *Lecture Notes in Computer Science*, 1092:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mossakowski:1996:EAV

- [1917] T. Mossakowski. Equivalences among various logical frameworks of partial algebras. *Lecture Notes in Computer Science*, 1092:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pandya:1996:SEP

- [1918] P. K. Pandya. Some extensions to propositional mean-value calculus: Expressiveness and decidability. *Lecture Notes in Computer Science*, 1092:434–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rubio:1996:TPM

- [1919] A. Rubio. Theorem proving modulo associativity. *Lecture Notes in Computer Science*, 1092:452–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vignerón:1996:PDM

- [1920] L. Vignerón. Positive deduction modulo regular theories. *Lecture Notes in Computer Science*, 1092:468–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crowley:1996:MFN

- [1921] J. L. Crowley. Mathematical foundations of navigation and perception for

an autonomous mobile robot. *Lecture Notes in Computer Science*, 1093:9–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voorbraak:1996:RUA

- [1922] F. Voorbraak. Reasoning with uncertainty in AI. *Lecture Notes in Computer Science*, 1093:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elfes:1996:RNI

- [1923] A. Elfes. Robot navigation: Integrating perception, environmental constraints and task execution within a probabilistic framework. *Lecture Notes in Computer Science*, 1093:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hummel:1996:URO

- [1924] R. Hummel. Uncertainty reasoning in object recognition by image processing. *Lecture Notes in Computer Science*, 1093:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaelbling:1996:POM

- [1925] L. P. Kaelbling, M. L. Littman, and A. R. Cassandra. Partially observable Markov decision processes for artificial intelligence. *Lecture Notes in Computer Science*, 1093:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pagac:1996:EAP

- [1926] D. Pagac, E. M. Nebot, and H. Durrant-Whyte. An evidential approach to probabilistic map-building. *Lecture Notes in Computer Science*,

1093:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paris:1996:BFC

- [1927] J. Paris and A. Vencovska. Belief formation by constructing models. *Lecture Notes in Computer Science*, 1093:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shafer:1996:CR

- [1928] G. Shafer. Causal relevance. *Lecture Notes in Computer Science*, 1093:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alferov:1996:RCS

- [1929] G. V. Alferov and O. A. Malafeyev. The robot control strategy in a domain with dynamical obstacles. *Lecture Notes in Computer Science*, 1093:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bacchus:1996:RAN

- [1930] F. Bacchus, J. Y. Halpern, and H. J. Levesque. Reasoning about noisy sensors (and effectors) in the situation calculus. *Lecture Notes in Computer Science*, 1093:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boley:1996:RTL

- [1931] D. L. Boley, E. S. Steinmetz, and K. T. Sutherland. Recursive total least squares: An alternative to using the discrete Kalman filter in robot navigation. *Lecture Notes in Computer*

Science, 1093:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouilly:1996:SBM

- [1932] B. Bouilly and T. Simeon. A sensor-based motion planner for mobile robot navigation with uncertainty. *Lecture Notes in Computer Science*, 1093:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brafman:1996:KCR

- [1933] R. I. Brafman and Y. Shoham. Knowledge considerations in robotics. *Lecture Notes in Computer Science*, 1093:248–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanDam:1996:NNA

- [1934] J. W. M. Van Dam, B. J. A. Kroese, and F. C. A. Groen. Neural network applications in sensor fusion for an autonomous mobile robot. *Lecture Notes in Computer Science*, 1093:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Froehlinghaus:1996:SUK

- [1935] T. Froehlinghaus. Structuring uncertain knowledge with hierarchical Bayesian networks. *Lecture Notes in Computer Science*, 1093:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gonzalez:1996:UTS

- [1936] E. Gonzalez, A. Suarez, C. Moreno, and F. Artigue. Uncertainty treatment

in a surface filling mobile robot. *Lecture Notes in Computer Science*, 1093:294–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hebert:1996:PML

- [1937] P. Hebert, S. Betge-Brezetz, and R. Chatila. Probabilistic map learning: Necessity and difficulties. *Lecture Notes in Computer Science*, 1093:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koenig:1996:RNM

- [1938] S. Koenig, R. Goodwin, and R. G. Simmons. Robot navigation with Markov models: A framework for path planning and learning with limited computational resources. *Lecture Notes in Computer Science*, 1093:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konolige:1996:RMO

- [1939] K. Konolige. A refined method for occupancy grid interpretation. *Lecture Notes in Computer Science*, 1093:338–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kristensen:1996:SPB

- [1940] S. Kristensen. Sensor planning with Bayesian decision theory. *Lecture Notes in Computer Science*, 1093:353–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Saffiotti:1996:PBS

- [1941] A. Saffiotti and L. P. Wesley. Perception-based self-localization us-

ing fuzzy locations. *Lecture Notes in Computer Science*, 1093:368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellahsene:1996:VMS

- [1942] Z. Bellahsene. View mechanism for schema evolution in object-oriented DBMS. *Lecture Notes in Computer Science*, 1094:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dinn:1996:ARL

- [1943] A. Dinn, N. W. Paton, M. H. Williams, and A. A. A. Fernandes. An active rule language for ROCK and ROLL. *Lecture Notes in Computer Science*, 1094:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doucet:1996:ICM

- [1944] A. Doucet, S. Gancarski, G. Jomier, and S. Monties. Integrity constraints in multiversion databases. *Lecture Notes in Computer Science*, 1094:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ibrahim:1996:DSI

- [1945] H. Ibrahim, W. A. Gray, and N. J. Fiddian. The development of a semantic integrity constraint subsystem for a distributed database. *Lecture Notes in Computer Science*, 1094:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delannoy:1996:UTB

- [1946] X. C. Delannoy. Understanding the tension between transition rules and

confidentiality. *Lecture Notes in Computer Science*, 1094:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiseman:1996:SED

- [1947] S. Wiseman and B. Pomeroy. SPEAR: Extending ER for dynamic behaviour and refinement. *Lecture Notes in Computer Science*, 1094:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freitas:1996:SKD

- [1948] A. A. Freitas and S. H. Lavington. Speeding up knowledge discovery in large relational databases by means of a new discretization algorithm. *Lecture Notes in Computer Science*, 1094:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flach:1996:ILM

- [1949] G. Flach and H. Meyer. Integration of load measurement parameters into the cost evaluation of database queries. *Lecture Notes in Computer Science*, 1094:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boncz:1996:HPO

- [1950] P. A. Boncz, F. Kwakkel, and M. L. Kersten. High performance OO traversals in monet. *Lecture Notes in Computer Science*, 1094:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Embury:1996:MCA

- [1951] S. M. Embury and P. M. D. Gray. A modular compiler architecture for a

data manipulation language. *Lecture Notes in Computer Science*, 1094:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayres:1996:QGD

- [1952] R. Ayres and P. J. H. King. Querying graph databases using a functional language extended with second order facilities. *Lecture Notes in Computer Science*, 1094:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griffiths:1996:SAT

- [1953] A. Griffiths and B. Theodoulidis. SQL+i: Adding temporal indeterminacy to the database language SQL. *Lecture Notes in Computer Science*, 1094:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chalmers:1996:PSS

- [1954] M. Chalmers. Pearls, swines and sows' ears: Interface research inside a multinational bank. *Lecture Notes in Computer Science*, 1094:222–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zdonik:1996:DBI

- [1955] S. B. Zdonik. Dissemination-based information systems: Your data may be where you least expect it. *Lecture Notes in Computer Science*, 1094:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stanley:1996:MDT

- [1956] N. Stanley. Microsoft database technologies. *Lecture Notes in Computer Science*, 1094:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butterfield:1996:PMQ

- [1957] M. Butterfield, N. Caine, and S. Ross-Talbot. Predicate maintained queries: An active OODBMS for financial applications. *Lecture Notes in Computer Science*, 1094:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bailey:1996:UDM

- [1958] A. Bailey. Universal data management. *Lecture Notes in Computer Science*, 1094:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McCune:1996:ADE

- [1959] W. McCune and R. Padmanabhan. Automated deduction in equational logic and cubic curves. *Lecture Notes in Computer Science*, 1095:ix + 231, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schael:1996:WMS

- [1960] T. Schael. Workflow management systems for process organisations. *Lecture Notes in Computer Science*, 1096:xii + 200, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alon:1996:DSS

- [1961] N. Alon. Derandomization via small sample spaces. *Lecture Notes in*

Computer Science, 1097:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodal:1996:RCM

- [1962] G. S. Brodal, S. Chaudhuri, and J. Radhakrishnan. The randomized complexity of maintaining the minimum. *Lecture Notes in Computer Science*, 1097:4–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RanchHenzinger:1996:FAN

- [1963] M. Ranch Henzinger and J. A. Telle. Faster algorithms for the nonemptiness of Streett automata and for communication protocol pruning. *Lecture Notes in Computer Science*, 1097:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marathe:1996:SCN

- [1964] M. V. Marathe, R. Ravi, and R. Sundaram. Service-constrained network design problems. *Lecture Notes in Computer Science*, 1097:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelsen:1996:AHC

- [1965] P. Kelsen, S. Mahajan, and H. Ramesh. Approximate hypergraph coloring. *Lecture Notes in Computer Science*, 1097:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chandra:1996:FDR

- [1966] B. Chandra and M. M. Halldorsson. Facility dispersion and remote subgraphs. *Lecture Notes in Computer*

Science, 1097:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravi:1996:CMS

- [1967] R. Ravi and M. X. Goemans. The constrained minimum spanning tree problem. *Lecture Notes in Computer Science*, 1097:66–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1996:RAC

- [1968] H. C. Lau and O. Watanabe. Randomized approximation of the constraint satisfaction problem. *Lecture Notes in Computer Science*, 1097:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klauck:1996:HGL

- [1969] H. Klauck. On the hardness of global and local approximation. *Lecture Notes in Computer Science*, 1097:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asano:1996:AAM

- [1970] T. Asano, T. Ono, and T. Hirata. Approximation algorithms for the maximum satisfiability problem. *Lecture Notes in Computer Science*, 1097:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirata:1996:HAM

- [1971] K. Hirata, S. Shimozone, and A. Shinohara. On the hardness of approximating the minimum consistent OBDD problem. *Lecture Notes in Computer Science*, 1097:112–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1996:CUM

- [1972] T. W. Lam, W. K. Sung, and H. F. Ting. Computing the unrooted maximum agreement subtree in sub-quadratic time. *Lecture Notes in Computer Science*, 1097:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asahiro:1996:GFD

- [1973] Y. Asahiro, K. Iwama, H. Tamaki, and T. Tokuyama. Greedily finding a dense subgraph. *Lecture Notes in Computer Science*, 1097:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez-Baca:1996:USP

- [1974] D. Fernandez-Baca, G. Slutzki, and D. Eppstein. Using sparsification for parametric minimum spanning tree problems. *Lecture Notes in Computer Science*, 1097:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:VPP

- [1975] A. Gupta, D. Kaller, S. Mahajan, and T. Shermer. Vertex partitioning problems on partial k -trees. *Lecture Notes in Computer Science*, 1097:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blair:1996:MAF

- [1976] J. R. S. Blair, P. Heggernes, and J. A. Telle. Making an arbitrary filled graph minimal by removing fill edges. *Lecture Notes in Computer*

Science, 1097:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersson:1996:SSR

- [1977] A. Andersson. Sorting and searching revisited. *Lecture Notes in Computer Science*, 1097:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Husfeldt:1996:LBD

- [1978] T. Husfeldt, T. Rauhe, and S. Skyum. Lower bounds for dynamic transitive closure, planar point location, and parentheses matching. *Lecture Notes in Computer Science*, 1097:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alstrup:1996:OPA

- [1979] S. Alstrup and M. Thorup. Optimal pointer algorithms for finding nearest common ancestors in dynamic trees. *Lecture Notes in Computer Science*, 1097:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelsen:1996:NGD

- [1980] P. Kelsen. Neighborhood graphs and distributed cap delta + 1-Coloring. *Lecture Notes in Computer Science*, 1097:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gargano:1996:CCG

- [1981] L. Gargano, A. A. Rescigno, and U. Vaccaro. Communication complexity of gossiping by packets. *Lecture Notes in Computer Science*, 1097:234–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Przytycka:1996:OCS

- [1982] T. Przytycka and L. Higham. Optimal cost-sensitive distributed minimum spanning tree algorithm. *Lecture Notes in Computer Science*, 1097:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auletta:1996:LTA

- [1983] V. Auletta, A. Monti, M. Parente, and P. Persiano. A linear time algorithm for the feasibility of pebble motion on trees. *Lecture Notes in Computer Science*, 1097:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levcopoulos:1996:LTH

- [1984] C. Levcopoulos and A. Oestlin. Linear-time heuristics for minimum weight rectangulation. *Lecture Notes in Computer Science*, 1097:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aronov:1996:VMR

- [1985] B. Aronov, A. R. Davis, T. K. Dey, and S. P. Pal. Visibility with multiple reflections. *Lecture Notes in Computer Science*, 1097:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levcopoulos:1996:FHA

- [1986] C. Levcopoulos and D. Krznaric. A fast heuristic for approximating the minimum weight triangulation. *Lecture Notes in Computer Science*, 1097:296–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Brodnik:1996:NG

- [1987] A. Brodnik and J. I. Munro. Neighbours on a grid. *Lecture Notes in Computer Science*, 1097:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Azar:1996:TDP

- [1988] Y. Azar and L. Epstein. On two dimensional packing. *Lecture Notes in Computer Science*, 1097:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biedl:1996:OOD

- [1989] T. C. Biedl. Optimal orthogonal drawings of triconnected plane graphs. *Lecture Notes in Computer Science*, 1097:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez-Ortiz:1996:WSF

- [1990] A. Lopez-Ortiz and S. Schuierer. Walking streets faster. *Lecture Notes in Computer Science*, 1097:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preminger:1996:SET

- [1991] S. Preminger and E. Upfal. Safe and efficient traffic laws for mobile robots. *Lecture Notes in Computer Science*, 1097:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paterson:1996:PS

- [1992] M. Paterson. Progress in selection. *Lecture Notes in Computer Science*, 1097:

368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gonnet:1996:PAS

- [1993] G. H. Gonnet and S. A. Benner. Probabilistic ancestral sequences and multiple alignments. *Lecture Notes in Computer Science*, 1097:380–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasieniec:1996:EAL

- [1994] L. Gasieniec, M. Karpinski, W. Plandowski, and W. Rytter. Efficient algorithms for Lempel–Ziv encoding. *Lecture Notes in Computer Science*, 1097:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeumker:1996:DCP

- [1995] A. Baeumker, W. Dittrich, and A. Pietracaprina. The deterministic complexity of parallel multisearch. *Lecture Notes in Computer Science*, 1097:404–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodal:1996:PQP

- [1996] G. S. Brodal. Priority queues on parallel machines. *Lecture Notes in Computer Science*, 1097:416–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fagerberg:1996:BST

- [1997] R. Fagerberg. Binary search trees: How low can you go? *Lecture Notes in Computer Science*, 1097:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boros:1996:BAI

- [1998] E. Boros, T. Ibaraki, and K. Makino. Boolean analysis of incomplete examples. *Lecture Notes in Computer Science*, 1097:440–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldberg:1996:MS

- [1999] Adele Goldberg. Measurement strategies. *Lecture Notes in Computer Science*, 1098:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980001.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980001.pdf>.

Bancilhon:1996:WEE

- [2000] François Bancilhon. Will Europe ever produce and sell objects? *Lecture Notes in Computer Science*, 1098:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980002.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980002.pdf>.

Boyland:1996:TSC

- [2001] John Boyland and Giuseppe Castagna. Type-safe compilation of covariant specialization: A practical case. *Lecture Notes in Computer Science*, 1098:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/>

[bibs/1098/10980003.htm](http://link.springer-ny.com/link/service/series/0558/papers/1098/10980003.pdf); <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980003.pdf>.

Gawecki:1996:ISM

- [2002] Andreas Gawecki and Florian Matthes. Integrating subtyping, matching and type quantification: A practical perspective. *Lecture Notes in Computer Science*, 1098:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980026.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980026.pdf>.

Qian:1996:TOO

- [2003] Zhenyu Qian and Bernd Krieg-Brückner. Typed object-oriented functional programming with late binding. *Lecture Notes in Computer Science*, 1098:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980048.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980048.pdf>.

Baumer:1996:LSO

- [2004] Dirk Bäumer, Rolf Knoll, Guido Gryczan, and Heinz Züllighoven. Large scale object-oriented software-development in a banking environment — an experience report. *Lecture Notes in Computer Science*, 1098:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980073.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980073.pdf>.

ny.com/link/service/series/0558/bibs/1098/10980073.htm; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980073.pdf>.

Banavar:1996:AFM

- [2005] Guruduth Banavar and Gary Lindstrom. An application framework for module composition tools. *Lecture Notes in Computer Science*, 1098:91–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980091.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980091.pdf>.

Engelson:1996:AGU

- [2006] Vadim Engelson, Dag Fritzon, and Peter Fritzon. Automatic generation of user interfaces from data structure specifications and object-oriented application models. *Lecture Notes in Computer Science*, 1098:114–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980114.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980114.pdf>.

Aigner:1996:EVF

- [2007] Gerald Aigner and Urs Hölzle. Eliminating virtual function calls in C++ programs. *Lecture Notes in Computer Science*, 1098:142–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (elec-

tronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980142.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980142.pdf>.

Amiel:1996:SED

- [2008] Eric Amiel and Eric Dujardin. Supporting explicit disambiguation of multi-methods. *Lecture Notes in Computer Science*, 1098:167–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980167.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980167.pdf>.

Minsky:1996:TAF

- [2009] Naftaly H. Minsky. Towards alias-free pointers. *Lecture Notes in Computer Science*, 1098:189–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980189.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980189.pdf>.

Jacobs:1996:ICC

- [2010] Bart Jacobs. Inheritance and cofree constructions. *Lecture Notes in Computer Science*, 1098:210–231, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980210.htm>; <http://link.springer-ny.com/link/service/>

series/0558/papers/1098/10980210.pdf.

Lechner:1996:OCR

- [2011] Ulrike Lechner, Christian Lengauer, Friederike Nickl, and Martin Wirsing. (objects + concurrency) & reusability — A proposal to circumvent the inheritance anomaly. *Lecture Notes in Computer Science*, 1098:232–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980232.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980232.pdf>.

Rossie:1996:MSB

- [2012] Jonathan G. Rossie Jr., Daniel P. Friedman, and Mitchell Wand. Modeling subobject-based inheritance. *Lecture Notes in Computer Science*, 1098:248–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980248.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980248.pdf>.

Jezequel:1996:PO

- [2013] Jean-Marc Jézéquel and Jean-Lin Pacherie. Parallel operators. *Lecture Notes in Computer Science*, 1098:275–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980275.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980275.pdf>.

series/0558/papers/1098/10980275.pdf.

Kono:1996:IMM

- [2014] Kenji Kono, Kazuhiko Kato, and Takashi Masuda. An implementation method of migratable distributed objects using an RPC technique integrated with virtual memory management. *Lecture Notes in Computer Science*, 1098:295–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980295.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980295.pdf>.

Garbinato:1996:PCD

- [2015] Benoît Garbinato, Pascal Felber, and Rachid Guerraoui. Protocol classes for designing reliable distributed environments. *Lecture Notes in Computer Science*, 1098:316–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980316.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980316.pdf>.

Bullat:1996:DCO

- [2016] Frédérique Bullat and Michel Schneider. Dynamic clustering in object databases exploiting effective use of relationships between objects. *Lecture Notes in Computer Science*, 1098:344–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (elec-

tronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980344.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980344.pdf>.

Silva:1996:CDA

[2017] Mauricio J. V. Silva and C. Robert Carlson. Conceptual design of active object-oriented database applications using multi-level diagrams. *Lecture Notes in Computer Science*, 1098:366–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980366.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980366.pdf>.

Hohenstein:1996:BGB

[2018] Uwe Hohenstein. Bridging the gap between C++ and relational databases. *Lecture Notes in Computer Science*, 1098:398–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980398.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980398.pdf>.

Brandt:1996:GBT

[2019] Søren Brandt and Jørgen Lindskov Knudsen. Generalising the BETA type system. *Lecture Notes in Computer Science*, 1098:421–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980421.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980421.pdf>.

<http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980449.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980449.pdf>.

Rinat:1996:MPT

[2020] Ran Rinat and Menachem Magidor. Metaphoric polymorphism: Taking code reuse one step further. *Lecture Notes in Computer Science*, 1098:449–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980449.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980449.pdf>.

Kristensen:1996:AAC

[2021] Bent Bruun Kristensen and Daniel C. M. May. Activities: Abstractions for collective behavior. *Lecture Notes in Computer Science*, 1098:472–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1098/10980472.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1098/10980472.pdf>.

Anonymous:1996:AIB

[2022] Anonymous. Author index. *Lecture Notes in Computer Science*, 1098:502–??, 1996. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/papers/1098/1098ind.pdf>.

Ganzinger:1996:SBT

- [2023] H. Ganzinger. Saturation-based theorem proving. *Lecture Notes in Computer Science*, 1099:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ranade:1996:BEP

- [2024] A. Ranade. Bandwidth efficient parallel computation. *Lecture Notes in Computer Science*, 1099:4–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruyere:1996:VLM

- [2025] V. Bruyere and M. Latteux. Variable-length maximal codes. *Lecture Notes in Computer Science*, 1099:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Razborov:1996:LBP

- [2026] A. A. Razborov. Lower bounds for propositional proofs and independence results in bounded arithmetic. *Lecture Notes in Computer Science*, 1099:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:ACD

- [2027] X. J. Chen and R. De Nicola. Algebraic characterizations of decorated trace equivalences over tree-like structures. *Lecture Notes in Computer Science*, 1099:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jenner:1996:FAS

- [2028] L. Jenner and W. Vogler. Fast asynchronous systems in dense time. *Lecture Notes in Computer Science*, 1099:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenzi:1996:HTC

- [2029] G. Lenzi. A hierarchy theorem for the $\lambda(?)$ -calculus. *Lecture Notes in Computer Science*, 1099:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bradfield:1996:ETS

- [2030] J. Bradfield, J. Esparza, and A. Mader. An effective tableau system for the linear time $\lambda(?)$ -calculus. *Lecture Notes in Computer Science*, 1099:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joung:1996:CFI

- [2031] Y.-J. Joung. Characterizing fairness implementability for multiparty interaction. *Lecture Notes in Computer Science*, 1099:110–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucas:1996:TCS

- [2032] S. Lucas. Termination of context-sensitive rewriting by rewriting. *Lecture Notes in Computer Science*, 1099:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:CGS

- [2033] A. Cheng and D. Kozen. A complete Gentzen-style axiomatization for set constraints. *Lecture Notes in Computer Science*, 1099:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Billaud:1996:FEC

- [2034] M. Billaud. Fatal errors in conditional expressions. *Lecture Notes in Computer Science*, 1099:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mossakowski:1996:DTA

- [2035] T. Mossakowski. Different types of arrow between logical frameworks. *Lecture Notes in Computer Science*, 1099:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitchell:1996:EMP

- [2036] J. Mitchell and R. Viswanathan. Effective models of polymorphism, subtyping and recursion. *Lecture Notes in Computer Science*, 1099:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bosscher:1996:RLC

- [2037] D. J. B. Bosscher and W. O. D. Griffoen. Regularity for a large class of context-free processes is decidable. *Lecture Notes in Computer Science*, 1099:182–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caucal:1996:ITG

- [2038] D. Caucal. On infinite transition graphs having a decidable monadic theory. *Lecture Notes in Computer Science*, 1099:194–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Senizergues:1996:SGA

- [2039] G. Senizergues. Semi-groups acting on context-free graphs. *Lecture Notes in Computer Science*, 1099:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lisovik:1996:HSM

- [2040] L. P. Lisovik. Hard sets method and semilinear reservoir method with applications. *Lecture Notes in Computer Science*, 1099:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flajolet:1996:RPP

- [2041] P. Flajolet, X. Gourdon, and D. Panario. Random polynomials and polynomial factorization. *Lecture Notes in Computer Science*, 1099:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kopenhagen:1996:OGB

- [2042] U. Kopenhagen and E. W. Mayr. Optimal Gröbner base algorithms for binomial ideals. *Lecture Notes in Computer Science*, 1099:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloks:1996:MFC

- [2043] T. Kloks, D. Kratsch, and C. K. Wong. Minimum fill-in on circle and circular-arc graphs. *Lecture Notes in Computer Science*, 1099:256–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:PAS

- [2044] Z.-Z. Chen. Practical approximation schemes for maximum induced-

subgraph problems on $K_{3,3}$ -free or K_5 -free graphs. *Lecture Notes in Computer Science*, 1099:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koutsoupias:1996:SFG

- [2045] E. Koutsoupias, C. Papadimitriou, and M. Yannakakis. Searching a fixed graph. *Lecture Notes in Computer Science*, 1099:280–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RauchHenzinger:1996:ISA

- [2046] M. Rauch Henzinger and M. Thorup. Improved sampling with applications to dynamic graph algorithms. *Lecture Notes in Computer Science*, 1099:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pin:1996:EPE

- [2047] J.-E. Pin. The expressive power of existential first order sentences of Buechi’s sequential calculus. *Lecture Notes in Computer Science*, 1099:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaivola:1996:FRT

- [2048] R. Kaivola. Fixpoints for Rabin tree automata make complementation easy. *Lecture Notes in Computer Science*, 1099:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hashiguchi:1996:NUB

- [2049] K. Hashiguchi. New upper bounds to the limitedness of distance automata. *Lecture Notes in Computer*

Science, 1099:324–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raymond:1996:RRE

- [2050] P. Raymond. Recognizing regular expressions by means of dataflow networks. *Lecture Notes in Computer Science*, 1099:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ablayev:1996:PRB

- [2051] F. Ablayev and M. Karpinski. On the power of randomized branching programs. *Lecture Notes in Computer Science*, 1099:348–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andreev:1996:HSD

- [2052] A. E. Andreev, A. E. F. Clementi, and J. D. P. Rolim. Hitting sets derandomize BPP. *Lecture Notes in Computer Science*, 1099:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Book:1996:TPQ

- [2053] R. Book, H. Vollmer, and K. Wagner. On type-2 probabilistic quantifiers. *Lecture Notes in Computer Science*, 1099:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiedermann:1996:SST

- [2054] J. Wiedermann. Speeding-up single-tape nondeterministic computations by single alternation, with separation results. *Lecture Notes in Computer Science*, 1099:381–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Julia:1996:OGC

- [2055] S. Julia. On omega-generators and codes. *Lecture Notes in Computer Science*, 1099:393–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLuca:1996:SSM

- [2056] A. De Luca. On standard Sturmian morphisms. *Lecture Notes in Computer Science*, 1099:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ateniese:1996:CBV

- [2057] G. Ateniese, C. Blundo, A. De Santis, and D. R. Stinson. Constructions and bounds for visual cryptography. *Lecture Notes in Computer Science*, 1099:416–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Azar:1996:CI

- [2058] Y. Azar, Y. Bartal, E. Feuerstein, and A. Fiat. On capital investment. *Lecture Notes in Computer Science*, 1099:429–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miltersen:1996:LBS

- [2059] P. B. Miltersen. Lower bounds for static dictionaries on RAMs with bit operations but no multiplication. *Lecture Notes in Computer Science*, 1099:442–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bradford:1996:LBR

- [2060] P. G. Bradford and K. Reinert. Lower bounds for row minima searching. *Lecture Notes in Computer Science*, 1099:454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shukla:1996:CRP

- [2061] S. K. Shukla, H. B. Hunt, D. J. Rosenkrantz, and R. E. Stearns. On the complexity of relational problems for finite state processes. *Lecture Notes in Computer Science*, 1099:466–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jancar:1996:DFP

- [2062] P. Jancar and J. Esparza. Deciding finiteness of Petri nets up to bisimulation. *Lecture Notes in Computer Science*, 1099:478–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodei:1996:MPD

- [2063] C. Bodei, P. Degano, and C. Priami. Mobile processes with a distributed environment. *Lecture Notes in Computer Science*, 1099:490–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGlabbeek:1996:MNP

- [2064] R. J. Van Glabbeek. The meaning of negative premises in transition system specifications II. *Lecture Notes in Computer Science*, 1099:502–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albers:1996:ACA

- [2065] S. Albers and M. Mitzenmacher. Average case analyses of list update algorithms, with applications to data compression. *Lecture Notes in Computer Science*, 1099:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulz:1996:SOD

- [2066] F. Schulz and E. Schoemer. Self-organizing data structures with dependent accesses. *Lecture Notes in Computer Science*, 1099:526–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:LTA

- [2067] V. S.-N. Choi and M. Golin. Lopsided trees: Analyses, algorithms, and applications. *Lecture Notes in Computer Science*, 1099:538–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farach:1996:OLT

- [2068] M. Farach and S. Muthukrishnan. Optimal logarithmic time randomized suffix tree construction. *Lecture Notes in Computer Science*, 1099:550–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alon:1996:IPA

- [2069] N. Alon and A. Srinivasan. Improved parallel approximation of a class of integer programming problems. *Lecture Notes in Computer Science*, 1099:562–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bermond:1996:ECC

- [2070] J.-C. Bermond, L. Gargano, S. Perennes, and A. A. Rescigno. Efficient collective communication in optical networks. *Lecture Notes in Computer Science*, 1099:574–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chlebus:1996:SMS

- [2071] B. S. Chlebus, A. Gambin, and P. Indyk. Shared-memory simulations on a faulty-memory DMM. *Lecture Notes in Computer Science*, 1099:586–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herley:1996:FDB

- [2072] K. T. Herley, A. Pietracaprina, and G. Pucci. Fast deterministic backtrack search. *Lecture Notes in Computer Science*, 1099:598–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yu:1996:ARD

- [2073] X. Yu and M. Yung. Agent rendezvous: A dynamic symmetry-breaking problem. *Lecture Notes in Computer Science*, 1099:610–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aumann:1996:EAC

- [2074] Y. Aumann and M. A. Bender. Efficient asynchronous consensus with the value-oblivious adversary scheduler. *Lecture Notes in Computer Science*, 1099:622–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cowen:1996:FFE

- [2075] L. Cowen, J. Feigenbaum, and S. Kannan. A formal framework for evaluating heuristic programs. *Lecture Notes in Computer Science*, 1099:634–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chakrabarti:1996:ISA

- [2076] S. Chakrabarti, C. A. Phillips, A. S. Schulz, and D. B. Shmoys. Improved scheduling algorithms for minsum criteria. *Lecture Notes in Computer Science*, 1099:646–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paterson:1996:CSF

- [2077] M. Paterson and T. Przytycka. On the complexity of string folding. *Lecture Notes in Computer Science*, 1099:658–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez-Baca:1996:PTA

- [2078] D. Fernandez-Baca and J. Lagergren. A polynomial-time algorithm for near-perfect phylogeny. *Lecture Notes in Computer Science*, 1099:670–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Godefroid:1996:POM

- [2079] Patrice Godefroid. *Partial-order methods for the verification of concurrent systems: an approach to the state-explosion problem*, volume 1032 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. CODEN LNCSD9. ISBN 3-540-60761-7 (Berlin softcover). ISSN

0302-9743 (print), 1611-3349 (electronic). 142 pp. LCCN QA76.58 .G63 1996.

Hajnicz:1996:TSF

- [2080] Elzbieta Hajnicz. *Time structures: formal description and algorithmic representation*, volume 1047 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. CODEN LNCSD9. ISBN 3-540-60941-5 (paperback). ISSN 0302-9743 (print), 1611-3349 (electronic). ix + 244 pp. LCCN QA76.9.A43 H35 1996.

Haddadi:1996:CCA

- [2081] Afsaneh Haddadi. *Communication and cooperation in agent systems: a pragmatic theory*, volume 1056 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. CODEN LNCSD9. ISBN 3-540-61044-8. ISSN 0302-9743 (print), 1611-3349 (electronic). xiii + 148 pp. LCCN QA76.9.D5 H33 1996.

SparckJones:1996:ENL

- [2082] Karen Sparck Jones and J. R. (Julia Rose) Galliers. *Evaluating natural language processing systems: an analysis and review*, volume 1083 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. CODEN LNCSD9. ISBN 3-540-61309-9 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). various pp. LCCN QA76.9.N38S74 1996.