

# A Complete Bibliography of Publications in *Algorithms*

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

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)

WWW URL: <https://www.math.utah.edu/~beebe/>

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## Title word cross-reference

$(1 + 1)$  [1378].  $(8/3)pn^3$  [277].  $(\alpha, \beta)$  [1471].  $(H, S)$  [1083].  $(n^2 - 1)$  [277].  $(s, t)$  [1665].  $(\sigma, Z)$  [1745]. 0 [3183]. 0/1 [1944].  $0 < p < 1$  [145]. 1 [892, 3183]. 2 [66, 1268, 1204, 1239, 892, 101, 259, 1165, 1191, 1358, 536, 731]. 3 [152, 683, 1269, 635, 1563, 1251, 1211, 1008, 852, 1361, 91, 606, 819]. 3/2 [361]. 4 [683].  $\alpha$  [2520]. *Cross-* [469]. 2 [3081, 2661, 2339]. 2.5 [3419, 2135, 2475]. 3 [3211]. 4 [3211]. 6 [1642]. *A* [1909]. *A\** [575].  $\beta$  [1361]. *C* [3438, 1100, 1506]. *O* [2415]. *D* [2850, 1709]. *D\** [3155].  $\ell^1$  [160].  $\ell^p$  [145].  $\ell_1$  [229].  $\epsilon$  [1576].  $F^1$  [2211].  $\gamma$  [28, 897]. *h* [73].  $H_\infty$  [343, 2131, 2203, 3120]. *K* [1382, 3192, 921, 1266, 687, 238, 1304, 1721, 2641, 2714, 890, 1380, 2038, 1034, 1744, 1313, 195, 1353, 1145, 727, 1124, 4, 541, 2125, 1656, 767, 2029, 2982].  $k < 2$  [1353]. *kd* [1844].  $L^p$  [145].  $L_0$  [751, 3473, 1918].  $L_1$  [102, 104].  $l_{2,1}$  [1555].  $l_p$  [1592].  $\Lambda$  [3453, 1423, 1622]. *m* [2360, 2968, 3244].  $m_\lambda$  [443].  $\mu$  [2757, 2730]. *N* [46, 3464, 2648].  $O(\log_2 N)$  [1599].  $O(n)$  [98].  $\omega$  [2411]. *p* [1052, 1378]. *Q* [690, 2693, 3079]. *r* [2616]. *T* [3367]. *t/k* [2057]. *U* [2636]. *X* [974].

-alanine [1361]. -Analysis [2730]. -Anonymity [195]. -Approximation [361]. -Ary [2968]. -Back [2648]. -Based [2074]. -Bézier [3079]. -Center [1656]. -Circle [1313]. -Circulant [2411]. -Colored [1358]. -Component [1361]. -Connected [1269]. -Consensus [4]. -Contractive-Type [1745]. -Coverage [66]. -Cut [541]. -D [91]. -Diagnosability [2057]. -Distance-Hereditary [1353]. -Electrolyte [1361]. -epf [1313]. -Evolutionary [1378]. -Flip [2616]. -Grams [46]. -Graphs [897]. -Immediate [2125]. -Learning [690]. -Limited [594]. -Means [1034, 1744, 1382, 3192, 3438, 1266, 687, 1304, 1100, 1506, 1721, 2641, 2714, 890, 2038]. -Median [1378]. -Medoids [921]. -mer [1380]. -Model [1622]. -Multiple-Knapsack [1944]. -Net [2636]. -NN [1124, 727]. -Nonexpansive [1471]. -Norm [1555, 1918]. -Operations [1423]. -OPT [1211]. -Optimal [2850]. -Order [1165]. -Pareto [2029]. -Partite [767]. -Paths [1665]. -Permutations [1423]. -Player [1268]. -Proper [1576]. -Puzzle [277]. -QAM [3244]. -Refined [1052]. -Refinement [73]. -Round [98]. -SAT [1251]. -Separation [1709]. -Stable [1909]. -Subgraph [541]. -Synthesis [2730]. -Tree [1844]. -Tuple [536]. -Value [2693]. -Width [974].

/Sliding [3120].

**0.35** [2624, 2593].

**1** [353, 499, 74]. **1.5-Dimensional** [3255]. **10** [455, 2801]. **11** [1810]. **12** [869]. **12-Lead** [3021]. **13** [1334]. **15** [869]. **15.3** [3437]. **17** [455]. **185** [213]. **18F** [3338]. **19** [1289, 2401, 1431, 1175, 2304, 2700, 1869, 1570, 3161, 2557, 2223, 1449, 1342]. **1st** [2036].

**2** [390, 3444, 2632, 1598]. **2-5** [2871]. **2-Dimensional** [3207]. **2-Phase** [521]. **2.0** [1308]. **2.5D** [1392]. **2015** [387]. **219** [1334]. **256** [1867]. **2D** [3134, 2107, 3446, 2094, 3077, 2682, 2772, 2523]. **2nd** [3268].

**3** [1810, 538]. **3-Dimensional** [2287]. **3-RRR** [538]. **3.5** [3116]. **305** [3437]. **309.-** [74]. **3D** [2791, 2815, 2007, 2254, 2429, 1337, 1847, 2920, 3355, 2284, 2492, 3424, 2905, 3064, 1985, 2657, 1347, 1693, 1862]. **3DCNN** [2452]. **3PDP** [3007]. **3SAT** [136].

**4** [3020]. **4.0** [2755]. **479.50.-** [74].

**5-Point** [102]. **5G** [1611, 2030]. **5G-Band** [1611].

**60th** [1210]. **6D** [3457]. **6G** [2536, 1814]. **6G/B6G** [2536].

**7** [213].

87 [460].

9 [353, 460]. 978 [74]. 978-0-387-30770-1 [74].

**A\*** [1775]. **A2ES** [2213]. **AASA** [3053]. **Abandoned** [3385]. **ABC** [816]. **Abdominal** [3338]. **ABI** [174]. **Abilities** [3122]. **Ability** [2724]. **Abnormal** [2040, 2518, 3063, 732, 1602]. **Abnormalities** [808]. **Absorption** [1975]. **Abstraction** [2867]. **Abuse** [1720]. **AC** [3366]. **AC-DC** [3366]. **Academic** [236, 2742, 3470, 1763, 2708]. **Accelerate** [373, 2103, 1668]. **Accelerated** [2341, 2695, 1794, 3097, 686, 2291]. **Accelerating** [1910, 1610, 990, 1402, 1474]. **Acceleration** [3379, 1843, 2774, 314, 317]. **Accelerator** [1147, 1754, 681, 2193, 856]. **Accelerators** [1989]. **Acceptability** [703]. **Acceptance** [1080, 2024]. **Accepting** [3183]. **Access** [916, 139, 914, 1328, 121, 2951, 2882, 461, 3376, 3248]. **Accessibility** [280]. **Accident** [3447]. **Accident-Induced** [3447]. **Accidents** [2340, 1569]. **Accidents-Artificial** [2340]. **According** [2272]. **Account** [2658, 2325]. **Accounting** [1923, 1222, 1332]. **Accounts** [3083]. **Accuracy** [2375, 1935, 2583, 1435, 3076, 2759, 2641, 960, 2983]. **Accurate** [2864, 2904, 2883, 2785, 3216, 3253, 2014, 2353, 1098]. **Accurately** [3066]. **ACE** [742]. **Achievable** [2488]. **Achievement** [849]. **Achieves** [1773]. **Achieving** [2913]. **Acknowledgement** [972, 208, 246, 334, 417, 542, 765]. **Acknowledgment** [1648, 2146]. **ACO** [1613, 2120, 1195]. **ACO-BmTSP** [2120]. **Acoustic** [3100, 2266, 2220, 1984, 2523, 2300, 1013, 1200]. **Acoustical** [29]. **Acquired** [2785]. **Acquiring** [2589]. **Acquisition** [127, 2048, 306]. **across** [1253]. **Act** [823, 3190]. **ACT-FRCNN** [3190]. **Action** [2628, 1329, 1652, 2694, 1214, 3246, 2452, 2717, 1111, 1286]. **Action-Translator** [2694]. **Actions** [2934]. **Activation** [2705, 2644, 3350, 2523]. **Activation-Based** [2705]. **Active** [2973, 29, 1504, 1623, 1855, 543, 6, 2775, 3352, 953, 1762, 729, 3060]. **Activities** [1939, 26, 3362, 1540]. **Activity** [1493, 24, 2295, 141, 2761, 3462, 2113, 2887, 3110, 2160, 3239, 383, 2073, 3383]. **Actor** [1991, 1465, 453]. **Actor-Based** [1991]. **Actor-Critic** [453]. **Actual** [27]. **Actuarial** [2182]. **Actuation** [1785]. **Actuator** [1504, 3215, 543, 2853]. **Acute** [1939]. **Acyclic** [1585]. **Ad** [647, 2702]. **Ad-Hoc** [2702]. **AdaBoost** [3010, 3487]. **AdaBoost-Mixed** [3487]. **Adam** [3263, 2929, 2842]. **Adaptation** [1031, 840, 424, 478, 761, 2924, 2832, 800, 2098, 2362, 392, 383, 1226, 1726, 877, 3246]. **Adapted** [1205, 3388, 2032]. **Adapters** [1667]. **Adaptive** [3191, 1276, 1143, 1850, 1160, 2360, 1940, 783, 3072, 1138, 632, 1843, 1142, 127, 491, 1654, 746, 2347, 885, 976, 3260, 1161, 631, 922, 1557, 853, 1309, 409, 202, 366, 2745, 258, 687, 978, 2666, 602, 747, 2590, 1304, 1623, 1649, 3150, 1444, 1488, 1919, 3023, 3253, 2097, 1434, 448, 2371, 2534, 3349, 3103, 748, 2393, 3384, 637, 3112, 3406, 3170, 73, 451, 1419, 3257, 256, 1322, 3476, 845, 1487, 1758, 2216, 2714, 2976, 3053, 2075, 47, 2838, 2392, 2933, 3308, 2738, 1012, 1101, 988,

1512, 1742, 782, 239, 3487, 1712, 377, 1131, 1602, 1789, 3270, 718, 1604, 1424]. **Adaptive-Size** [922]. **Adaptive-Step** [3191]. **Adaptivity** [1055]. **Adder** [1446]. **Adder/Subtractor** [1446]. **Adding** [1892, 1011, 2731, 2372, 1379]. **Adding-Doubling** [2731]. **Addition** [3122]. **Additional** [1741]. **Additive** [2807, 2066]. **Address** [1739, 713, 3370]. **Addressing** [2395, 3289, 2265]. **Adil** [1210]. **Adjacencies** [2646]. **Adjacency** [2367, 1671]. **Adjoint** [2063]. **Adjustable** [2334, 670, 1367]. **Adjusting** [3381]. **Adjustment** [1173, 3182]. **Administrative** [3162]. **Admission** [1289, 3237]. **Admitted** [1110]. **ADMM** [1639, 2347]. **ADMs** [1399]. **Adopting** [3231]. **Adoption** [2238]. **ADRC** [876]. **Adsorption** [3472]. **Adults** [3040, 356]. **Advanced** [3054, 2864, 3063, 633, 956, 2911, 3442, 3211, 3343, 3216, 2013, 1085, 1285, 3232, 1899, 1710]. **Advancements** [3435, 2840, 1128, 3073]. **Advances** [1646, 342, 3006, 3255, 59, 1291, 2735, 41]. **Advancing** [2486, 3357, 3396, 2818, 3345]. **Advantages** [1846, 3322]. **Advection** [1557]. **Advection-Diffusion** [1557]. **Adversarial** [1335, 1892, 2280, 2819, 3307, 1748, 3219, 2054, 2637, 2011, 3226, 2749, 2558, 1966, 1534, 1851, 3173, 2258, 2859, 674, 2078, 2079, 1882, 3300]. **Adversaries** [894]. **Adverse** [2760, 3185]. **Advertising** [2684, 1676, 768]. **Advising** [2742]. **Aegean** [3236]. **Aerial** [2356, 2127, 983, 2741, 2857, 3238, 1821, 3476, 2933, 2613, 1235]. **Aerobatic** [2467]. **Aeroelastic** [1735]. **Aerosols** [1608]. **AFE** [2933]. **AFE-YOLOv8** [2933]. **Affecting** [1899]. **Affective** [2213, 2499]. **Affects** [2086]. **Affine** [746, 122, 2923]. **Affinity** [369, 1300]. **Africa** [3403]. **African** [803, 2999]. **after** [3040, 2819, 1821]. **Aftersales** [3442]. **Again** [1248]. **Against** [1018, 51, 1892, 2280, 1636, 1650, 3071]. **Age** [3390, 546, 3235, 1827]. **Age-of-Information** [1827]. **Ageism** [3307]. **Agent** [803, 714, 139, 1582, 3292, 3144, 823, 1457, 1869, 2678, 690, 2421, 1280, 3242, 3121, 2710, 1826, 814]. **Agent-Based** [139, 1869, 2678, 2421, 1280, 2710]. **Agents** [820, 3205, 595, 182, 3396, 3280]. **Agglomerative** [2342, 1378, 271, 1774, 1795]. **Aggregate** [1207, 1584, 1786, 2823, 2901]. **Aggregated** [2217, 949]. **Aggregates** [881, 2269]. **Aggregation** [1096, 2289, 2808, 640, 276, 2450, 1332, 560, 2192, 651]. **Aggressiveness** [888]. **Aging** [1782, 2417]. **Agnostic** [1004, 1573]. **AGR** [2515]. **Agreement** [2583]. **Agreements** [1029]. **Agricultural** [2394, 1241, 1692, 3223, 1531, 501]. **Agriculture** [2001, 3474]. **AGV** [784]. **Ahead** [2260, 1425, 2599, 501]. **Ahmad** [455]. **AHP** [594]. **AHRS** [378]. **AI** [1982, 1989, 2406, 3433, 2410, 3409, 2793, 3089, 3295, 2550, 3101, 3299, 1881, 2318, 3396, 1534, 3172, 3033, 3478, 2884, 2979, 2716]. **AI-Based** [1534]. **AI-Driven** [2716]. **AI-Enhanced** [3299]. **AI-Enriched** [3478]. **Aid** [2327]. **Aided** [57, 1357, 3089, 965, 1464, 85, 316, 904, 53, 3126]. **Aiding** [2801, 875]. **Aiming** [1001]. **Air** [2013, 1324, 530, 2383, 2847]. **Aircraft** [3325, 3159, 3056, 187, 2853, 1762, 1849]. **Airfoil** [675]. **Airline** [1746]. **Airport** [2585, 187]. **Airspace** [2548, 1727]. **Airstrips** [3354]. **AIS** [730, 2719]. **al** [455, 1334, 3049, 869]. **alanine** [1361]. **Alarm**

[235, 2555, 2874]. **ALE** [47]. **ALE-PSO** [47]. **Alerting** [3150]. **Algebra** [1694]. **Algebraic** [526, 1503, 3149, 1024, 2269, 1844]. **Algoethics** [3101]. **Algorithm** [3191, 3254, 1406, 151, 1017, 2614, 1933, 1990, 1126, 3379, 224, 166, 654, 3038, 3412, 1732, 692, 1360, 2618, 2395, 2695, 29, 1642, 1994, 2583, 1818, 1910, 363, 1995, 169, 3131, 201, 1552, 476, 1576, 424, 426, 512, 1463, 777, 610, 702, 788, 1429, 1232, 1264, 1159, 1201, 921, 2172, 1178, 3438, 879, 510, 799, 3356, 2211, 2127, 1554, 600, 2042, 514, 266, 522, 816, 787, 791, 2215, 1353, 1633, 746, 17, 374, 282, 506, 2774, 3087, 330, 956, 554, 2542, 1582, 2281, 3359, 2970, 489, 537, 1817, 723, 1509, 1161, 2457, 631, 521, 473, 2916, 1077]. **Algorithm** [695, 64, 3206, 2433, 2685, 2370, 2462, 2489, 1874, 529, 420, 567, 2628, 1237, 2850, 3208, 1806, 2799, 2999, 3128, 3010, 2545, 1669, 190, 1779, 1096, 2355, 2630, 366, 2326, 1051, 1619, 662, 48, 38, 1413, 2745, 3067, 778, 1314, 1185, 3210, 3410, 3446, 2167, 234, 258, 3093, 2412, 30, 1528, 67, 2313, 2435, 1692, 2666, 602, 747, 2290, 2128, 1209, 3448, 3301, 2377, 3098, 36, 2407, 2271, 3450, 321, 1304, 1649, 2709, 2806, 3150, 887, 2852, 3151, 2008, 1157, 2094, 1287, 1378, 1615, 269, 2690, 1100, 1506, 2942, 2153, 185, 2800, 2447, 2143, 35, 566, 1250, 360, 259, 3077, 2054, 2011]. **Algorithm** [2012, 1658, 1682, 222, 3365, 458, 1836, 913, 2491, 3156, 2784, 304, 257, 285, 268, 352, 401, 432, 448, 456, 743, 557, 655, 1173, 1278, 1516, 2014, 1961, 1775, 2205, 2726, 3332, 3256, 1568, 219, 422, 650, 45, 296, 397, 462, 736, 561, 547, 558, 828, 2923, 2868, 3416, 670, 808, 3002, 2357, 248, 2056, 2057, 3160, 2325, 327, 1802, 582, 226, 1188, 2133, 2995, 2382, 1041, 1116, 2556, 1215, 2794, 2240, 121, 1171, 1085, 3331, 134, 23, 2098, 193, 3228, 276, 331, 470, 265, 979, 419, 3164, 1367, 1573, 1030, 2198, 2731, 2131, 728, 2203, 2913, 3288, 3265, 1760, 2217, 2917, 1876, 2121, 2018]. **Algorithm** [1348, 722, 1279, 54, 1967, 3039, 2737, 3232, 3388, 2442, 902, 2703, 1683, 1897, 2598, 3464, 2483, 2450, 2560, 763, 2384, 398, 361, 3234, 3284, 609, 1900, 1761, 3354, 2061, 2062, 1535, 2768, 392, 475, 612, 2841, 855, 3406, 2816, 1605, 73, 2565, 2974, 3470, 1059, 1807, 1865, 647, 1078, 1152, 1507, 1284, 603, 1821, 2126, 2952, 1845, 1864, 2646, 891, 1715, 1448, 1459, 1322, 2567, 3475, 3240, 2772, 3476, 3477, 2308, 2316, 2287, 2983, 154, 3119, 1445, 5, 2220, 1441, 3317, 660, 538, 3242, 378, 2067, 3424, 3036, 2945, 1795, 938, 910, 3370, 1193, 2376]. **Algorithm** [827, 1038, 833, 1608, 1037, 644, 837, 1930, 2710, 346, 2929, 1478, 1597, 349, 3079, 187, 1094, 2374, 1470, 925, 1391, 2169, 1501, 2233, 731, 1320, 3053, 2480, 1647, 2982, 1405, 2402, 2954, 2075, 47, 1599, 2838, 1521, 642, 2475, 273, 262, 326, 515, 425, 878, 824, 805, 870, 1495, 1543, 1660, 2653, 2525, 2654, 2736, 3482, 613, 1130, 1650, 2163, 2738, 545, 838, 1544, 1985, 3183, 1197, 408, 477, 578, 217, 244, 807, 1393, 2802, 656, 1447, 307, 502, 1056, 988, 1512, 573, 348, 806, 2037, 691, 2487, 2822, 402, 1198, 1878, 104, 239, 2358, 3488, 3125, 3188, 658, 786, 309, 300, 496, 518, 697, 549]. **Algorithm** [575, 780, 873, 815, 752, 1131, 1492, 1547, 1789, 1916, 1793, 1728, 1627, 2082, 1713, 2307, 2847, 2991, 2877, 3046, 3395, 3270, 453, 415, 679, 769, 1422, 1421, 1737, 2829, 958, 2831, 1510, 1548, 255, 384, 729, 1988, 3251, 186, 703, 3399, 3285]. **Algorithm-Based** [1990, 2847]. **Algorithmic**

[1902, 170, 2089, 885, 1400, 2002, 3255, 2934, 1588, 1282, 3016, 700, 3311, 909, 2122, 2151, 96, 943, 1979, 367, 100, 1229]. **Algorithmics** [871, 344].

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[928]. **Amplitude-Aware** [928]. **AMR** [2026]. **AMR-Assisted** [2026].

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[1630]. **Analysis**

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3075, 1004, 1383, 229, 1499, 3024, 3382, 3394, 3139, 1803, 1103, 2898, 3092, 1558, 1105, 1895, 1343, 2373, 32, 1829, 3369, 2420, 854, 3441, 2814, 2546, 1873, 2234, 1104, 2436, 3052, 3006, 1606, 3263, 3296, 1955, 67, 2865, 2741, 3095, 2769, 1209, 2378, 138, 2271, 3450, 1267, 2050, 2830, 967, 1903, 3381, 2592, 1490].

**Analysis**

[2783, 1483, 438, 1326, 429, 913, 403, 432, 1173, 1477, 1278, 1377, 1024, 1962, 1812, 462, 3282, 3355, 2164, 2218, 1931, 1571, 1838, 2259, 2639, 212, 1291, 771, 3103, 2794, 21, 3459, 2329, 3011, 276, 709, 2731, 1217, 2187, 1254, 3029, 1907, 601, 2721, 1348, 2730, 3298, 546, 2125, 2516, 1968, 801, 2483, 12, 2560, 614, 1899, 1808, 3047, 1009, 2746, 2186, 2674, 1716, 520, 2565, 1695, 2734, 1465, 1122, 2939, 3073, 469, 1284, 79, 1222, 1121, 2126, 1971, 2122, 3116, 1972, 2413, 953, 3241, 378, 3403, 2068, 588, 2288, 1099, 591, 1711, 1856, 119, 368, 1163, 160].

**Analysis** [2824, 2484, 2716, 1315, 1449, 2472, 1782, 1402, 326, 501, 1427, 1698, 2611, 2163, 2874, 3071, 2572, 2573, 260, 307, 332, 3309, 435, 104, 364, 3488, 2038, 3305, 525, 1763, 2176, 3126, 565, 1461, 44, 2409].

**Analysis-Based** [1326, 104]. **Analytic**

[534, 1810, 2809, 2658, 321, 397, 2061, 2902, 1574, 594, 155]. **Analytical** [2401, 2090, 2247, 102, 3223, 3331, 1537, 1705, 2267, 3118].

**Analytical-Numerical** [3223]. **Analytics**

[1002, 556, 1469, 1710, 3326, 2169]. **Analytics-Driven** [1002]. **Analyzing** [1709, 3301, 1144, 2027, 1896, 2484, 3250]. **AnalyzIR** [604]. **Ancestral** [181, 1408]. **Anchor** [3213, 2317]. **Anchor-Based** [3213]. **and/or** [3364, 2132, 3156, 2349]. **Anderson** [1617]. **Anesthesia** [637]. **Aneurysm** [3338]. **Angiography** [2635]. **Angle** [531, 2583, 1633, 828, 1802, 3488, 658]. **Angle-Propagation** [1802]. **Angles** [2791, 2974]. **Angular** [1633]. **Animals** [1647]. **Animation** [2987, 88]. **Anisotropic** [157]. **ANN** [1790, 2139, 2333].

**Annealed** [233]. **Annealer** [821]. **Annealing**

[1164, 1435, 3228, 1152, 1507, 827, 3481]. **Annotated** [2924, 7]. **Annotation** [1102, 3485]. **ANNs** [1611]. **Anomalies** [1308, 2723, 2168, 3251]. **Anomaly** [1934, 2235, 2410, 2858, 1948, 1557, 3369, 2547, 3263, 2943, 3321, 3100, 148, 1605, 3049, 2771, 2278, 1856, 2102, 3314, 859, 2514, 2244]. **Anonymity** [195, 408]. **Anonymization** [1739, 2519, 935]. **Anonymous** [1718]. **Ansatz** [778]. **Ansätzes** [1960]. **Answer** [1805, 2262, 1438, 2299]. **Answering** [2935].

**Ant** [1523, 2720, 242, 48, 1242, 1692, 1623, 182, 547, 2098, 2640, 2737, 1533, 1095, 2120, 1467, 106, 1197, 697, 762]. **Ant-Balanced** [2120]. **Ant-Like** [182]. **Ant-Lion** [1623]. **Antenna** [2995, 2913, 365, 2738]. **Antennas** [3423, 1611, 2283, 365]. **Anti** [1262, 2398, 1762, 2400]. **Anti-Interference** [2398]. **Anti-Lock** [1262]. **Anti-Skid** [1762]. **Anti-Spoofing** [2400].

**Antibiotics** [10]. **Antifungal** [2904]. **Antioxidants** [3069]. **Anxiety** [2622].

**Any** [131]. **Aortic** [3338]. **Apache** [1014, 3035, 3326]. **Aperture** [115, 1820].

**API** [1784]. **APIT** [522]. **Apnea** [3172]. **Apollonian** [2212]. **AppArmor** [3431]. **Appearance** [1022, 260]. **Appearance-based** [260]. **Apple** [1699].

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[1431, 1818, 915, 3063, 2584, 1201, 1178, 3061, 2127, 3200, 127, 816, 850, 1202,

1555, 1169, 176, 540, 1090, 1811, 31, 1784, 2140, 2911, 3304, 1558, 3264, 2047, 2048, 342, 717, 48, 1046, 1241, 2548, 3055, 747, 59, 2175, 138, 2194, 563, 3318, 3149, 3150, 1032, 2800, 2764, 2272, 1682, 3225, 913, 1173, 1962, 621, 3299, 2164, 1390, 3456, 1879, 1085, 1804, 1572, 288, 1367, 1298, 1964, 3168, 358, 1900, 1761, 1899, 684, 539, 2816, 2565, 468, 1292, 2027, 1336, 1507, 1222, 2522, 2646, 2029, 1972, 3477, 1701, 2502, 1361, 3120, 1977, 1979, 1225, 3121, 1369, 1981, 1037, 676]. **Application** [368, 33, 2300, 2982, 2385, 2074, 2838, 1130, 651, 2766, 217, 524, 1372, 658, 2860, 453, 2758, 3291, 2083].

**Application-Guided** [2584]. **Applications** [1675, 1498, 2937, 1922, 302, 2252, 3132, 971, 1678, 1052, 1138, 3409, 2740, 2242, 2508, 624, 2870, 1398, 1386, 3336, 2229, 1148, 3201, 3075, 2001, 1119, 1205, 3207, 2977, 3283, 2411, 1813, 3443, 1273, 2006, 1661, 2128, 2678, 2227, 1480, 832, 822, 2053, 2380, 2761, 2055, 2909, 429, 2553, 2995, 2516, 2561, 398, 3236, 2563, 1932, 2186, 2274, 1841, 2857, 3406, 1082, 1865, 2918, 3238, 1766, 3474, 2772, 2884, 943, 3403, 2191, 362, 367, 2976, 1370, 2206, 391, 870, 2351, 2833, 2157, 1793, 2397].

**Applied** [2406, 424, 1578, 278, 2476, 917, 3160, 1705, 1038, 2070, 1260, 2358].

**Apply** [2614]. **Applying** [1992, 2455, 24, 2921, 2112, 3235, 1644, 1280, 3070, 1449, 232, 118, 1101, 841, 1235]. **Appointments** [1997]. **Approach** [3192, 3028, 2973, 1934, 590, 1575, 3194, 2732, 3430, 3196, 1388, 2040, 3427, 1404, 1442, 3346, 820, 1744, 1261, 2622, 1860, 1699, 2422, 3037, 3363, 1061, 1581, 139, 442, 1202, 1180, 1639, 1624, 191, 225, 1998, 1072, 1167, 2443, 2984, 1383, 1357, 2000, 1628, 3205, 954, 443, 2851, 1271, 1768, 2340, 1503, 190, 586, 1873, 1458, 2099, 1813, 2496, 1392, 2167, 466, 1877, 3094, 2845, 892, 3147, 3097, 164, 2941, 1480, 1084, 882, 2094, 3214, 1959, 1091, 132, 738, 1663, 3454, 2533, 2013, 2909, 271, 308, 620, 701, 1863, 3157, 2095, 2311, 3161, 52, 3459].

**Approach** [2813, 314, 3164, 3330, 530, 2125, 2490, 2887, 2498, 2561, 2362, 2023, 614, 2421, 2160, 2768, 1401, 3007, 2353, 745, 2066, 1023, 1292, 2985, 2602, 3306, 2494, 1970, 3474, 2222, 665, 2469, 1691, 3117, 2897, 2680, 2928, 1733, 811, 1300, 1149, 2859, 1731, 173, 441, 2223, 3121, 918, 2513, 2478, 1904, 2747, 2609, 2076, 3181, 1676, 3345, 579, 606, 3353, 3293, 357, 992, 810, 1198, 733, 2320, 2655, 789, 2531, 2409, 1229]. **Approaches** [13, 3009, 2416, 2526, 192, 2005, 1825, 9, 1958, 437, 3016, 3311, 2558, 1772, 749, 2250, 2645, 1283, 2464, 1508, 536, 1729, 2168, 2760, 53, 3126, 1983].

**Appropriate** [399]. **Approximability** [159, 2953]. **Approximate** [1178, 1806, 2355, 778, 1114, 1682, 1452, 2995, 2492, 2837, 65, 402].

**Approximated** [2757, 2411]. **Approximately** [1429]. **Approximating** [323, 2915, 360, 111, 117]. **Approximation** [3340, 1021, 1150, 1148, 3423, 615, 1205, 1299, 1088, 1399, 202, 1242, 1207, 1584, 1316, 1794, 185, 576, 1682, 1252, 994, 979, 1423, 3108, 2442, 361, 214, 1673, 634, 1974, 1725, 1422, 2083].

**Approximations** [2572, 1849]. **Aquatic** [35]. **Aquifer** [3081]. **Arabic** [2401, 3129, 350, 926, 3296, 1464, 3042]. **Arabidopsis** [2490]. **Arbitrarily** [2492]. **Arbitrary** [3077, 923, 994, 3118]. **Arborescence** [2669].

**Arborescences** [2627]. **Arc** [506, 1358, 307]. **Arc-Completion** [1358].

**Arc-Weighted** [506]. **ArCAR** [1464]. **Archimedean** [2668]. **Architectural**



[3214, 429]. **Architecture** [3415, 1908, 2302, 1744, 2927, 3013, 2878, 893, 2631, 2942, 1302, 1385, 1003, 1109, 1967, 990, 1927, 1407, 2206, 3291]. **Architecture-Based** [2942]. **Architectures** [203, 1069, 196, 1288, 2559, 1599]. **Archive** [2037]. **Arctic** [3206]. **Area** [2834, 3419, 3297, 1635, 1186, 743, 1572, 884, 2660, 1465, 256, 2566, 665, 2890, 545]. **Areas** [957, 1362, 1879, 441, 1809]. **Areas-of-Interest** [441]. **Arguments** [1669]. **ARIMA** [399, 766, 792]. **Arising** [2109, 1620]. **Arithmetic** [2970, 97, 2022]. **Arithmetics** [3374]. **Arkouda** [1469]. **Arm** [3191, 3164, 2255, 852]. **Arm-Based** [2255]. **Armed** [544, 2316, 3308]. **Armor** [3431]. **Arnold** [3345]. **Array** [2774, 2995, 2738, 1230]. **Array-Based** [2774, 2995]. **Arrays** [1614, 1633, 2468, 2913, 129]. **Arrest** [3380]. **Arrhythmia** [1830, 3021, 776]. **Arrhythmias** [3342]. **Arrival** [3139, 384]. **Art** [2439, 193, 2484]. **Artery** [2776]. **Articulated** [799, 553]. **Artifact** [2313, 899]. **Artifacts** [314, 3017]. **Artificial** [2614, 2341, 3430, 2189, 1992, 2518, 1995, 3198, 3286, 370, 266, 633, 2762, 3075, 3359, 1462, 2911, 2922, 1952, 2340, 1692, 59, 379, 2678, 1304, 832, 1891, 1855, 268, 1035, 1368, 736, 1912, 3311, 1890, 2198, 3337, 2248, 3461, 2733, 1822, 2972, 609, 463, 2918, 1898, 2675, 3117, 2405, 2945, 3403, 2440, 2480, 1785, 1521, 3368, 691, 939, 2381, 1066, 2515]. **Artificial-Intelligence-Based** [3198]. **Artwork** [1904]. **Ary** [2968, 1131]. **Ascertaining** [2458]. **ASD** [2398]. **Asian** [2213, 3117]. **ASP** [2268, 2242]. **ASP-Based** [2242]. **Aspect** [2620, 2561, 674]. **Aspect-Based** [2620]. **Aspect-Oriented** [2561]. **Aspects** [1282, 3227, 1106, 2529, 3473]. **Assemblies** [24]. **Assembly** [1868, 297, 2183]. **Assess** [2781]. **Assessing** [2732, 2724, 3298, 2642, 2208, 1781]. **Assessment** [3196, 1039, 410, 460, 3264, 1955, 356, 3152, 566, 621, 52, 2880, 174, 1254, 730, 2190, 652, 684, 2974, 1465, 2399, 2088, 591, 3070, 2179, 3483, 2192, 3487, 3395, 1154]. **Assessments** [2172]. **Asset** [2962]. **Assets** [1642]. **Assignment** [2975, 970, 313, 1238, 1272, 1363, 2869, 3228, 58, 1973, 487, 814, 1988]. **Assimilated** [3236]. **Assimilation** [2296]. **Assistant** [2153, 3395]. **Assisted** [1232, 1328, 1586, 3449, 2493, 3256, 3349, 2026, 325, 1094, 2571, 2861, 2702]. **Associated** [1611, 3324, 2806, 341, 1799]. **Associative** [1227]. **Astronomical** [3437, 2376]. **ASVM** [879]. **Asymmetric** [1268, 695]. **Asymptotic** [2442]. **Asymptotically** [2415]. **Asynchronous** [1313, 3135, 914, 1169, 2305, 1307, 117, 1545]. **At-Least-** [541]. **Athletes** [2113]. **Atmospheric** [3236]. **Atom** [2695, 1577, 1893]. **Atomic** [2695, 3233]. **Atrial** [1830, 2081]. **ATT&CK** [1913]. **Attachment** [2109, 878]. **Attachments** [1389]. **Attack** [3412, 2947, 2896, 3409, 1636, 1161, 1837, 2839, 3156, 2117, 1522]. **Attack-Response** [3412]. **Attacker** [1853]. **Attacks** [2812, 2537, 51, 2623, 3085, 1892, 2280, 2756, 2819, 2449, 3321, 1748, 2558, 909, 1966, 2890, 1638]. **Attendance** [1332]. **Attention** [1524, 2821, 2279, 2957, 2919, 1951, 2943, 1754, 2729, 3390, 1003, 2978, 3159, 3457, 3386, 3231, 1851, 1927, 2323, 2513, 3341, 2452, 2102, 2525, 2654, 2766, 1747, 1456, 2657, 1604]. **Attention-Based** [2729, 2323, 2513, 2102]. **Attention-Boosted** [1951].

**Attention-Driven** [2452]. **Attention-Survival** [2279]. **Attentions** [3341]. **Attentive** [2254, 1542]. **Attentively** [1951]. **Attitude** [1633]. **Attraction** [1212]. **Attractiveness** [977]. **Attribute** [1096, 1801, 3166, 1724, 1332, 560, 536, 533, 651, 666]. **Attribution** [3133, 2096]. **ATTRIVAR** [2873]. **AUC** [3184]. **Auction** [2423, 516, 319]. **Audio** [1759, 3360, 2959, 2400]. **Audiovisual** [2149]. **Audit** [1595, 1369]. **Auditability** [2087]. **Auditory** [1524]. **Augment** [1769]. **Augmentation** [2615, 2111, 2001, 3138, 1886, 2667, 3226, 2201, 2856, 2917, 2559, 1769, 2665, 2142, 2748, 2514]. **Augmented** [2618, 3024, 519, 884, 1376]. **Austria** [2502]. **Authentication** [2087, 2410, 1654, 537, 1161, 433]. **Authorship** [2899, 2096]. **Autism** [1770, 3286, 1799]. **Auto** [1177, 540, 2014, 670, 626, 643]. **Auto-Adjustable** [670]. **Auto-Diagnosis** [1177]. **Auto-Encoder** [540, 2014, 643]. **Auto-Tuning** [626]. **Autocontouring** [3446]. **Autoencoder** [866, 1636, 1951, 3174, 2204, 2514, 2226, 2261]. **Autoencoder-Based** [3174, 2261]. **Autoencoders** [930, 3208, 2564]. **Autoencoders-Based** [3208]. **Autoencoding** [1743]. **Automata** [2996, 803, 430, 3374, 2435, 2675, 3119]. **Automata-Based** [2675]. **Automated** [639, 3434, 2938, 1880, 64, 3020, 2661, 3145, 598, 3147, 78, 619, 3062, 2885, 2703, 60, 2528, 1655, 3469, 1153, 1334, 2901, 3391, 2106, 2237, 1408]. **Automatic** [3192, 1549, 1798, 303, 22, 2129, 2965, 2625, 1835, 2049, 1830, 1955, 2313, 2593, 3224, 1847, 849, 1365, 1340, 3162, 314, 3384, 2788, 2225, 2559, 770, 1808, 1883, 463, 2030, 154, 2763, 2402, 485, 1512, 3189]. **Automatically** [2589, 144, 2931]. **Automating** [2594, 2288]. **Automation** [3358, 2522, 3376, 2824, 2989]. **Automaton** [1486]. **Automobile** [1056]. **Automotive** [2195, 3100, 2471, 3042, 855, 3189, 3250]. **Autonomous** [995, 3271, 991, 803, 702, 1097, 3078, 3144, 9, 1925, 2488, 2796, 1109, 20, 2345, 2494, 937, 2760, 1341, 3185, 2574]. **Autoregressive** [2506, 3158, 1070, 307]. **Auxiliary** [256, 474, 477, 705]. **Availability** [2950]. **Available** [1354]. **Average** [2249, 2940, 101, 294]. **Averages** [1032]. **Averaging** [145, 180, 2523]. **Aviation** [3148]. **Avoidance** [995, 3297, 730, 784, 2303]. **Aware** [2485, 2423, 928, 1068, 3359, 678, 987, 2091, 3294, 2198, 1277, 2763, 3317, 2, 3377, 1447, 332, 724, 2725]. **Awareness** [1724, 966]. **Axial** [2203]. **Axis** [2667]. **Azerbaijani** [2899].

**B6G** [2536]. **Back** [1241, 1248, 2648, 2877]. **Backbone** [1751]. **Backbones** [1901]. **Backdoor** [2839]. **Backdoors** [1901]. **Background** [2219, 3453, 2790, 859, 872]. **Background-Subtraction** [872]. **Backlash** [714]. **Backpropagation** [1068]. **Backscattered** [2453]. **Backstepping** [2205]. **Backtracking** [413, 2358]. **Backtracking-Based** [413]. **Backward** [3405]. **Bacteria** [2650]. **Bacterial** [548, 2939, 2650, 805, 3188, 3361]. **Bacterial-Foraging** [548]. **Badger** [3210]. **BAG** [1801]. **BAG-DSM** [1801]. **Baggage** [2830]. **Bagirov** [1210]. **Balance** [447, 5]. **Balanced** [1936, 906, 848, 2549, 161, 2120, 774, 1094, 1599, 1773]. **Balancer** [1700].

**Balancing** [3080, 2950, 3443, 3224, 3101, 2198, 361, 310, 2183, 2478, 3329].  
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**Balls** [1885]. **Bamboo** [818]. **Banach** [302, 2085, 398, 968, 1471]. **Band**  
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 [3130]. **Banks** [608]. **Bar** [2126]. **Barcodes** [1248]. **Bare** [1565]. **Bargaining**  
 [2058]. **Barrier** [1121]. **Barriers** [1222]. **Bars** [23, 1616]. **Base**  
 [668, 89, 2665, 3478, 827]. **Based**  
 [3191, 1382, 2780, 2614, 2404, 3415, 1990, 3271, 1991, 3193, 224, 1335, 3018,  
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**Based** [282, 540, 2774, 330, 976, 2542, 617, 1582, 3423, 1027, 1357, 123, 489,  
 235, 372, 1817, 3024, 3260, 2001, 2787, 1181, 3203, 1811, 457, 663, 1837, 3138,  
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 1607, 190, 1096, 366, 1913, 2476, 2827, 711, 3263, 2438, 3445, 2454, 1825, 2519,  
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 3095, 1869, 830, 3147, 2678, 164, 1886, 1245, 2377, 2194, 199, 2407, 2832, 2286,  
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 1615, 967, 2635, 2636, 2942, 1891, 1134, 3453, 2800, 437, 149, 1855, 1903, 839,  
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 1588, 581, 3225, 2729, 3365, 429, 1791, 2796, 2667, 913, 2784, 304, 257].  
**Based** [308, 352, 403, 507, 706, 655, 701, 1173, 1035, 1172, 1485, 1337, 1330,  
 1411, 1516, 1961, 1629, 1905, 1775, 2371, 2505, 2776, 2920, 3455, 3332, 1568,  
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**Based** [3320, 275, 1626, 2255, 2641, 2432, 3396, 2463, 2450, 2560, 2023, 1816,  
 2190, 2972, 1651, 763, 1618, 948, 2562, 2319, 1796, 652, 2908, 3284, 2682, 3467,  
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