A Complete Bibliography of Publications in the
Journal of Mathematical Chemistry

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/

27 May 2020
Version 1.20

Title word cross-reference

(1, 1, 1) [2593]. (1, 12) [614]. (2 + 1) [3020, 3016, 3112]. (2n + 1) [1486].
(\delta(x_0 - |x|)/|x|^{(n-2)/2})/(\delta(x_0 + |x|)/|x|^{(n-2)/2}) [569]. (k, 6) [849]. (M_1 - M_2)
[277]. (n + 1) \times (n + 1) [788]. (n, n + 1) [1176, 1223, 1227]. (p, q)
[2199, 2313, 2065]. (SU_2 \otimes (SU_2 \otimes S_n^+)) [459]. (p, q) [2177]. + [2743].
–Ze^2/r [1665]. 1 [3106, 942, 1043, 2061, 1000]. 1/2 [400, 501, 502, 523]. 12
[879]. 2 [2940, 3009, 942, 2923, 2216, 1092, 1067, 2480, 2339, 1182, 1372, 2127,
1592, 1430, 672, 2857, 1864, 2273]. 26 [1182]. 2p [2660]. 2 \times m \times n
[419]. 3 [942, 1163, 2555, 1791, 1444, 1286, 3036, 586, 1182, 1075, 1380, 2127,
183, 1592, 249, 2791, 1339]. 3, 16 [191]. 3, 17 [191]. 4
[2928, 1163, 2491, 2183, 2569, 1298, 194]. 4(3) [3026]. 4f^{12} [2229]. 4f^2 [2229],
5 [2981, 1141]. 5(3) [2334]. 5(4) [2143]. 6 [879, 860, 798]. 60 [322]. 6 \leq n \leq 20
[A]_n(S_n) [277]. [n - 1, 1] \otimes [\lambda]L_{nn} [322]. + [2743]. + [1232], − [953]. −^{11} [614].
1 [2968]. 3 [134, 192]. 15 [2272]. 2 [2968]. 2^+ [1513]. 2^\Pi [953, 1296, 1260]. 3
/non [1019, 1156].

09 [1688].


3D [1180]. 3rd [908].

4 [305, 933]. 4-dihydro-4-oxo-1- [1621]. 42 [1455]. 4B [3132].

5 [1102]. 5-b [2420]. 5-dihydro-1H-3-oximidazol-1-oxyl [1102].
5-pyrimidinyl [1102]. 5-tetramethyl-4 [1102].

6 [978]. 6D [3085]. 6D-hypercube [3085].

8-naphthyridines [1621]. 8th [384].

= [1096].

ab-initio [1546]. ABC [2753, 2948, 501, 502, 2736, 2821]. ABCD [501, 502].
accelerators [2489]. acceptable [1312]. acceptance [530]. accomplished [3073]. according [1858, 213, 212, 279, 1360]. accounting [2155, 3070].
accumulation [2019]. Accuracy [2339, 338, 2169, 1321, 2738, 1344, 521, 1360]. acetic [2631, 1844].
activator-inhibitor [3103, 3055]. active [169]. activities [1704, 2133].
Activity [1067, 1763, 319, 186, 2831, 128, 165, 1200, 1801, 92, 2265, 2442, 2601, 1621, 2133].
Acyclic [1031, 1090, 853, 868, 171, 260, 86, 643, 1298, 1239, 626, 1601]. Adapted [2937, 2373, 1393, 2435, 2710, 2847, 2047, 412, 2260].
Advances [1923]. Advection [663, 2488]. advection-diffusion [2488].
analyzed Analytical

and/or Anderson

androstanediones angle

angle-dependent anharmonicities anhydrase Animals

anisotropic annealing ANNs ANs Ansatz Anti

anticancer Apparent

any antibiotic antibody/antigen

antimagic Antisymmetric Application

application Applied Approaching
chemical [1485, 1825, 160, 1610, 2674, 1601, 34, 2838, 1662, 2525, 1625, 2881, 430, 484, 64, 65, 3133, 2422, 1835, 2698, 2487, 487, 2520, 551, 1076].
Chemical/Biochemical [926].
chemically [138, 22, 157, 2036, 2779].
chemically-powered [2779].
chemicals [2173, 1699].
Chemist [913].
chemistry-related [1930, 2156].
chemists [1396].
chemomechanical [704].
Chemostat [1022, 1024, 2168, 1007, 1515, 1584, 1504, 1356, 1310, 1373, 1276, 1512, 1583, 1195, 1240, 1594, 1254, 1317, 1374, 1231, 1340, 1301, 2610, 2165].
chemostat-type [1584].
chemotherapy [3098].
Chen [2872, 1978].
Chidsey [2261].
Chirality [130, 904, 4, 29, 1072, 1138, 1108, 1089, 144, 143, 486, 2598, 629, 2209, 2027, 2584, 2585, 383, 394, 2543, 5, 158, 604, 454, 493, 1319, 1380, 582, 571, 1304, 368, 432, 369, 2027, 2451].
Chiralization [22].
chloride [1827].
chloronaphthalenes [2137].
chlorophyll [2617].
choice [1282, 1850].
choosing [2567].
Christoffel [135].
chromatogram [2226].
chromatography [2976].
chromen [1976].
Chromophores [248].
chronoamperometry [1334, 1377, 1714, 1715].
chronoamperometrical [1957].
circles [149].
circuit [107, 303, 185].
Circuits [786, 431].
circulant [2852, 2531].
Circular [767, 611, 706, 553, 2565].
circumscribed [2613].
cis [2539, 2961, 2711].
cis- [2539, 2948].
Clar [2823, 15, 2217, 375, 2326, 1073, 818, 998, 1117, 1732].
clarification [2545].
Class [907, 911, 1172, 1224, 1896, 3117, 2249, 2812, 657, 2346, 1194, 1303, 1045, 2639, 559, 235, 3119, 2031, 2638, 2637, 2997, 2581, 2813, 973, 1311, 3028].
classes [61, 2892, 357, 1828, 1913, 449].
classic [1878, 20].
Classical [951, 1286, 932, 1116, 2590, 467, 2386, 416, 1881, 3137, 1241, 610, 2242, 1994, 2247, 1194, 1303, 427, 2198, 219, 3058, 2267, 245, 2743].
Classification [1646, 2039, 387, 212, 2728, 93, 427, 371, 578, 3024, 112, 236, 2273].
classified [213].
Classifying [316].
Clebsch [97].
clinical [1661, 1389, 2255].
clock [477, 664].
close [2316].
Closed [887, 2221, 2711, 601, 1357, 798, 709, 1665, 1366, 608, 586, 228, 485, 2073, 2295, 2489, 548, 1349, 235, 1993].
Closed-Form [887, 601].
closer [2055].
cloth [2786].
cloud [1915].
clouds [1989, 2058, 1440].
Cluj [1419].
Cluster [529, 1134, 902, 876, 1942, 220, 1902, 1994, 94, 2788, 2469, 2708, 533, 322].
Clustering [1079, 1095, 166, 2081].
clusterized [1675].
clusters [2653, 2906, 2771, 2290, 1555, 2918, 3035, 2570, 13, 2972, 1685, 242, 277, 525].
CMB [1933, 1927, 2158].
CML [3041].
CMMSE [1684, 2886, 2887, 3099, 3043, 3017, 2890, 3027, 2889, 3102, 2476, 3097, 1688].
complexity-based [1558]. Compliance [1349]. component
[2920, 1578, 2478, 1214, 1604, 2035, 1909, 2327, 2749, 1285]. Components
[818, 2773, 744, 1910, 513, 1776, 2661, 1611]. composed [2973]. composite
[2479, 2212]. composition [1887, 2269, 970, 2706]. compositions
[2653, 2066]. compound [3124, 2911]. Compositions [872, 171, 2341, 25, 1457,
1458, 991, 2027, 2028, 263, 13, 162, 92, 2263, 3119, 1069, 670, 2197, 1293].
comprising [2167]. Computation
[1113, 756, 792, 2817, 953, 839, 782, 2721, 3128, 2528, 3053, 1226, 135, 186,
2496, 3010, 2742, 265, 1394, 1336, 1785, 150, 2704, 1899, 1839].
Computational [3085, 1055, 792, 2817, 953, 839, 782, 2721, 3128, 2528, 3053,
1226, 135, 186, 2496, 3010, 2742, 265, 1394, 1336, 1785, 150, 2704, 1899, 1839].
computationally [2734]. computations [2688, 554]. compute [39].
Computer [171, 260, 25, 1003, 1032, 2166, 2506, 1930, 193, 462, 986, 530,
1194, 1303, 2055, 1100, 1409]. Computer-aided [171]. Computer-assisted
concatenation [3076]. concealed [82, 274]. concentrate [1932].
Concentration [2502, 2095, 1995, 3011, 2849, 1768, 1704, 1999, 1824, 989,
1195, 1733, 1193, 2422]. concentrations [2492, 2369, 3136, 2512]. concentric
[850, 102, 789, 80, 2358, 333, 2865, 449]. concerned [2111]. Concerning
[866, 1298, 711]. Concise [870]. condensates [2438, 3091]. condensation
[712]. condensed [2613, 1263]. Condition [905, 3135, 51, 989, 1644, 2745].
conditional [1790]. Conditions
[1062, 1628, 2757, 3108, 707, 656, 1334, 2438, 2297, 2970, 333, 2904, 1943, 372,
405, 235, 1043, 2475, 2618, 1238, 1819, 1541, 2195, 2428, 1938, 449]. Condon
[659, 608, 3078]. Conductance [781]. conducting [1212, 1824]. conduction
[425]. conductive [2750]. Conductivities [2495]. conductivity [2479, 2233].
Conference [959, 3015, 3017]. confidence [536]. Configuration
[785, 1948, 2358, 2452, 279, 2169, 2814, 315, 2269, 730, 326, 463, 2706].
Configurational [253, 1721, 434, 159]. Configurations [263, 1817, 99, 1398].
Confined [762, 2276, 3049, 2818, 950, 1100, 2630]. Confinement
[822, 877, 2187, 2183]. confirmative [2749]. confluent [36, 2639].
conformation [962, 2235, 2182, 1497, 1719, 565]. Conformational
[1187, 2314, 2153, 1388, 202, 155, 191, 2788, 636, 701, 67]. conformationally
[100]. conformations [316, 341, 1261]. conformers [445, 2753, 2948, 517].
confused [1688]. Congress [384]. Conic [1188]. conical [2539]. conicality
[2160]. Conjecture [884, 883, 2573, 855, 949, 957, 1632, 1735, 1860, 141,
2603, 2670, 2731, 2782, 3071, 137, 229, 1298, 373, 2716, 2076, 2634].
conjectures [336, 555]. conjugacy [2812, 2659, 1834, 1920, 2657].
Conjugated [786, 1023, 1088, 1031, 933, 868, 978, 2496, 1265, 153, 252, 643,
1189, 172, 70, 1332, 185, 73]. conjugated-circuit [185]. Connect [1090].
connected [1163, 1313, 1111, 2821]. connecting [377]. Connection
[932, 1308, 2082, 1805, 3004, 1327, 1648, 95, 1967, 2652]. Connections
Connectivity
Consecutive
Consequences
Conserving
Conservation
Consistent
Consisting
Constancy
Constant
Construction
Constructive
Consuming
Consumption
Consuming
Consumption
Controlling
Control
Controlled
Controllability
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
Controlled
control


correspondence [104]. Corresponding [933, 303, 1201]. corrupted [2431].

Corzo [2785].

CoSMEP [2203].

Coset [929, 1154, 109, 110, 161]. Cosets [929, 1154].


CoSMEP [2203].

cost [2544, 2786, 2511].

Costa [3015].

Cotangent [835].

Cotes [1956, 1357, 1993].

Coulomb [1940, 1396, 2287, 2466, 1156, 919, 971, 1050, 1659, 1769, 2042, 1132, 1133, 228, 2605, 2668, 1635, 401, 758, 1742, 2083].

Coulombic [3010, 2817].

Coulson [209, 18, 952, 1051, 103, 1752, 70, 285].

Count [896, 1128, 1417, 2266, 225, 1000, 1732].

Counterexamples [2063, 373].

Counts [264, 1390, 2134, 153, 2088, 2100].


Coupled-Cluster [902, 533].

Coupling [572, 2314, 1743, 3041, 2199, 2628, 2505, 1349, 1734, 1629, 436, 2229, 2968, 2912, 2441, 2440, 1620, 1727].

course [1577].

Cubes [3053].

Creative [798].

Cremer [1914].

Criteria [3093, 1795, 190, 3047].

Criterion [752, 564, 2001, 2260, 162].

Critical [14, 747, 1628, 2478, 3035, 345, 1768, 2267, 1803, 1967, 1727].

Cross [756, 768, 3132, 1260, 1823, 349].

cross-diffusion [1823].

cross-section [1260].

Cross-Term [768].

Cross-Validated [756].

Crossings [1945].

crosslinked [2693].

crosslinking [2115].

Crossover [2212, 2268].

Crowed [3061].

Crowley [2165].

Crystalline [981, 1493, 1918].

Crystallization [774, 1924].

Crystallographic [428].

Crystalline [981, 1493, 1918].

Crystallography [428].

Cyanobacteria [3121].


Density-based [1105].

Deoxyribonucleic [2685].

Dependence [1256, 876, 253, 1236, 2732, 2095, 2249, 1243, 191, 1645, 2008, 683, 159, 2442].

Dependency [1830].

Dependent [888, 887, 1556, 1494, 2873, 2408, 2533, 2035, 1741, 1247, 2169, 2184, 2419, 2896, 2281, 2056, 1678, 2618, 2512, 654, 2604, 1165, 2699, 389, 390, 1044].

depend [1395, 1670].

deposition [2562].


derivations [678].

derivative [685, 1745, 1871, 2392, 2908, 2647, 2995, 3117, 2920, 2967, 3083, 2283, 2893, 1671, 201, 2633, 3026, 2903, 2381, 2930, 1500, 1845, 2835, 3030, 2697, 2853].

derivative-modified [1671].

Derivatives [820, 872, 1754, 1798, 2060, 2029, 2118, 2178, 2253, 2410, 2322, 2544, 2524, 2549, 2472, 2632, 2595, 2673, 2623, 2662, 2691, 2709, 2908, 1559, 2842, 2809, 2734, 2746, 2587, 991, 1585, 2048, 2049, 1050, 1246, 1874, 2566, 1840, 2733, 2867, 1430, 2507, 2511, 1904, 2098, 2317, 2370, 2455, 2607, 2648, 2594].

derive [279].

Derived [6, 1894, 547, 1716, 1069, 1988, 1076, 459, 555, 260].

Desargues [2906].

describe [2357, 1918, 2850].

described [2136].

describing [1808, 1234].

Description [570, 870, 1208, 718, 2254, 2344, 2504, 564, 1989, 2188, 2649, 3071, 2307, 1421, 2382, 2274, 1408].

descriptions [248].

Descriptor [848, 2457, 1440, 2233, 1708].

Descriptors [1070, 1123, 2273, 1763, 1351, 1615, 2555, 427, 1380, 1372, 1354, 1476, 1623, 1898, 2008, 2269, 2345, 2432, 2551, 2527, 2619, 163, 2607, 1788, 3068, 1565, 1551, 1621, 2340].

Design [1932, 2862, 305, 2411, 510, 2193, 1497, 1426, 2056, 2911].

designing [2609, 2655].

desired [1582].

desorption [1069, 2194].

destroyed [2327].

Desymmetrization [144].

detachment [2521].

detailed [1990, 131, 1825, 1544, 2520].

Details [126].

Detect [1933, 131, 2158].

Detection [1085, 2072, 1634].

deterioration [2430].

Determinable [525].

Determinacy [614].

determinant [113, 2807, 2251, 2953, 522, 482].

determinants [3062, 2852].

Determination [1175, 1187, 2482, 1538, 1362, 1277, 1770, 1957, 1447, 1047, 1842, 2864, 2295, 2513, 683, 2799, 2912, 64].

Determine [772, 2351, 2265, 2442, 2601].

determined [2939, 278, 251, 2706].

Determining [890, 2069, 2059, 1662, 2805, 1932, 2187, 71, 1790, 2108, 2157, 1335, 2650].

Deterministic [774, 1686].

detour [1581].

detoxification [3082].

Deuterated [734].

deuterium [192].

Development [2752, 2655, 2632, 1526, 3084, 623, 426, 2776, 763, 764].

developments [1508, 85].

Deviation [1729, 1538, 2565].

deviations [1792].

devices [456, 1767].

Devil [703].

devising [6].

Dewar [2907].

dewetting [2694].

DFT [2058].

Di-Substitution [872].

Diabatic [886, 898, 974, 1971, 2412].

diagnosis [81].

diagnostic [2829, 2255, 2651].

diagnostics [1139, 1245, 1389, 1453, 1454, 1901, 2579, 2580, 2602, 2702].
diagrammatics [1942]. Diagrams [846, 761, 87, 1585, 18, 1495].
diamagnetic [1378]. diameter [1250, 1298, 1239, 1063]. Diamond [2150, 1104, 1979, 284].
diamondoids [2150]. Diastereomeric [820].
diatomic [2034, 2032, 1556, 1514, 2879, 2614, 113, 2513, 659, 2099, 1481, 2985, 2149, 1469, 1980, 35, 732, 545].
diatomic [1942]. Diagrams [846, 761, 87, 1585, 18, 1495].
diamagnetic [1378]. diameter [1250, 1298, 1239, 1063]. Diamond [2150, 1104, 1979, 284].
diamondoids [2150]. Diastereomeric [820].
diatomic [2034, 2032, 1556, 1514, 2879, 2614, 113, 2513, 659, 2099, 1481, 2985, 2149, 1469, 1980, 35, 732, 545].
diatomic [1942]. Diagrams [846, 761, 87, 1585, 18, 1495].
diamagnetic [1378]. diameter [1250, 1298, 1239, 1063]. Diamond [2150, 1104, 1979, 284].
diamondoids [2150]. Diastereomeric [820].
diatomic [2034, 2032, 1556, 1514, 2879, 2614, 113, 2513, 659, 2099, 1481, 2985, 2149, 1469, 1980, 35, 732, 545].
diatomic [1942]. Diagrams [846, 761, 87, 1585, 18, 1495].
diamagnetic [1378]. diameter [1250, 1298, 1239, 1063]. Diamond [2150, 1104, 1979, 284].
diamondoids [2150]. Diastereomeric [820].
extreme [2391]. extreme-ultraviolet [2391]. extruder [2046].

First-order [547]. First-order [2674, 2130, 1692, 1655, 1225, 2105, 1966, 1612, 652, 699, 1904, 2317, 2381, 2455, 2930, 1500, 1845, 1222, 1264, 2302, 2648, 3030, 2594].


Fitting [755, 832, 1194, 1303, 1717, 3046, 2201, 1678, 1756]. fittingness [2584, 2585].


food [2517, 1356, 1310, 1373, 1276, 1823, 1254, 1317, 1231]. food-limited [2517].


Mathematical [1483, 1455]. Mathematical [1483, 1455].


methods


objective [2567, 2970, 2056, 1550]. objects [2012, 2243, 117, 183, 692].
Obrechkoff [3109, 3033]. observability [606, 662]. observable [1335, 1766].
observation [1749, 2025]. observe [1795]. Obstacles [383]. Obtain
[928, 870, 521, 2018]. Obtained [1016, 2786, 3074]. Obtaining
[2990, 2369, 2854]. octagonal [543]. Octahedral
[910, 2728, 2936, 1895, 2753, 2948]. octan [2940]. octan- [2940]. octanol
[1551]. octet [1274]. odd [294, 2171]. ODE [2221]. ODEs [1891, 1234].
offset [3105]. Ogilvie [1308]. Ol [2940, 1976]. Old [870, 2463]. Olender
[731]. oligomeric [2121]. Omega [1420, 1421]. on-axis [222]. once [399].
oncology [2255]. oncolytic [3098]. One
[1113, 2939, 1050, 872, 2657, 1138, 748, 933, 1708, 825, 1727, 2278, 492, 1224,
2514, 2647, 2832, 2951, 746, 2249, 2879, 414, 470, 1277, 1868, 273, 283, 2715,
2820, 323, 2664, 2625, 1205, 1284, 1447, 1595, 1659, 1769, 1053, 2297, 2247, 1778,
251, 2126, 2718, 1612, 1488, 1569, 2627, 1907, 64, 1044, 1054, 1253, 356, 332].
one- [1868, 332]. one-body [1612]. one-centre [356]. One-dimensional
[1727, 1224, 2514, 2832, 470, 2715, 2820, 323, 2297]. One-electron
[1138, 746, 283]. one-electronic [251]. One-Forms [748]. One-Parameter
[825, 64, 1044, 1054, 1253]. One-range
[1050, 1205, 1284, 1447, 1595, 1659, 1769, 1907]. One-sided [1113]. One-two
[1708]. ones [1067]. only [2809, 694]. onto [1095, 2085, 1911]. Open
[1151, 68, 77, 892, 1956, 581, 3000, 550, 2870, 1366, 1595, 336, 1349, 572, 1455,
518, 2987, 131, 2536, 1534, 146, 1786]. Open-Ended [892, 2536].
open-shell [572, 1534]. opening [2041]. Operation [802]. Operational
[1407, 1414, 2033, 2338, 3054]. operations [2396]. operator
[2373, 673, 2231, 1984, 2985, 97, 332, 363, 2062, 26, 542, 1501, 2428, 1939].
Operators [1028, 1153, 409, 2397, 2406, 1804, 2468, 139, 140, 2748, 2556,
1216, 2062, 2680, 2365, 2275, 1039, 1382, 532, 715, 2749, 2195].
Oppenheimer [2148, 886, 2153, 1161]. Optical [1543, 1545]. Optimal
[91, 2340, 2739, 416, 1881, 1686, 1924, 1653, 1592, 1799, 2921, 2233, 2340,
2891, 3022, 2901, 2995, 3117, 1800, 744, 367, 2386, 149, 2888, 2567, 2798, 3067,
1336, 2795, 2855, 1538, 2975, 3125, 1565, 1551, 1621, 1784, 3069, 2834].
optimally [500]. optimisation [2056]. Optimization
[764, 1080, 1085, 740, 2636, 1013, 1959, 1676, 2431, 2651, 1931, 1874, 1842,
1497, 2970, 2055, 203, 1879, 2563, 1322]. Optimized
[763, 764, 1426, 1139, 1901, 2580, 3006, 2110, 2283, 2017, 1597, 2935, 2909,
1773, 1525, 2213, 1535, 2954, 2844, 2050, 2914, 2816, 2255]. optimizing
[2216]. optimum [185]. orbit [2341, 2906]. Orbital
[846, 190, 318, 2117, 1350, 1456, 2867, 1269, 1235, 1624, 1629, 1623, 1787,
1802, 1790, 2213, 616, 1788, 2192, 106]. orbital-communications [1629].
Orbitals [836, 917, 920, 919, 1017, 854, 1027, 1119, 1155, 2287, 505, 362, 145,
971, 1321, 1379, 1246, 1338, 1385, 1483, 1468, 1471, 1475, 1447, 1595, 1604,


QSPR [471, 744, 931, 2378, 2534, 2983, 3004, 977, 2555, 1255, 1106, 1372, 2607, 3047, 1565, 1551, 1601]. QSPR-model [1601]. QSPRs [2197].
quadrangle [2574]. Quadratic [1022, 2402, 2271, 2254, 3000, 550, 1007, 1053, 2390, 2439, 436, 2192, 1573].
quadrature [1451, 2040, 2718, 625, 624]. quadratures [2704]. quadruplets [2298, 2299, 2584, 2585]. Quadrupling [1072]. quadropole [2362].
Qualitative [2168, 2079, 11, 2601, 4, 1647, 30, 31]. Quality [789, 500, 2323, 1739]. Quantification [2602, 1453, 2072, 2740, 2702, 2809, 2920]. quantify [2565, 2094].
**Representation** [496, 1092, 1141, 1075, 1797, 2397, 1655, 1578, 2827, 1369, 2540, 2547, 2858, 259, 2089, 2090, 231, 2833, 2035, 426, 427, 1299, 2184, 2700, 1207, 1180, 2126, 1852, 473, 2104, 958, 2038, 2423, 2707, 2791, 1259, 418, 73, 173, 988, 1988, 1947, 2204, 1739, 1879, 1810, 2050, 2459, 2460].


**Represented** [898, 2352]. representing [155, 1045].

**Repro** [815].


**Resonance** [1085, 792, 1390, 2134, 1169, 16, 892, 1139, 1389, 1453, 1443, 1901, 2072, 2255, 2431, 2608, 2651, 2580, 2602, 2741, 2794, 2773, 2702, 3066, 2967, 2863, 2122, 2374, 1012, 1726, 616, 2926, 1919]. resonances [2701, 2715, 1642]. resonant [843, 1221, 1000, 1345, 2697, 2853]. resource [2292, 1583]. resources [2409].

**Respect** [1172, 1236, 1176, 434, 1553, 3041, 1575, 1500, 1845, 998].


rigid [2705, 2653, 1130, 2465, 468, 2862, 546, 1944, 1844, 469, 739].


Role [865, 2984, 1139, 1545, 2187, 407, 2621, 33, 1622, 662, 1976, 615]. Root
[827, 2647, 231, 201]. Roothaan [1366, 1471, 1595]. roots
[2901, 2952, 2482, 2891]. Rosen [1052, 1124, 1963, 1882, 608, 2227, 3002].
Rota [277]. rotating [20]. rotation
[204, 1814, 1477, 563, 485, 613, 1350, 1456, 2661, 1329, 1511, 1670].
rotation-angular [1814, 1350, 1456]. rotation-vibration [1477]. rotational
[3051, 538, 2360]. rotation-vibration [1477]. rotational。
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
rotation-vibration [1477]. rotational-vibration [1477]. rotational.
2720, 3033, 2648, 2522, 2775, 2835, 3030, 1614, 2078, 2697, 2853, 2719, 2594.


sextets [15, 998]. sextuple [284, 2650]. Sham [2426].
Shape-invariance [1280]. Shape-similarity [693]. shaped [954, 41, 1742, 2078]. Shapes [790, 791, 46, 44, 183, 1918].
silica [1897, 2433, 1981]. silica-supported [1981]. silicate [2663, 2871].
six-step
sixth-order
Sixth
sixth-[2392, 2632, 2595, 2673, 2623, 2662, 2691, 2709, 2938, 2908, 3116, 2764, 2734, 2746, 2733, 2851, 2855, 2381, 3081]. Sixth [967, 2908, 2904, 2903, 3125].
sixth-[2392, 2632, 2595, 2673, 2623, 2662, 2691, 2709, 2938, 2908, 2764, 2734, 2746, 2733, 2851, 2855, 2381, 3081]. Six-[2392, 2632, 2595, 2673, 2623, 2662, 2691, 2709, 2938, 2908, 2764, 2734, 2746, 2733, 2851, 2855, 2381, 3081]. Sixth [967, 2908, 2904, 2903, 3125].
size-consistency [413]. size-extensive [1941]. Sizes [2771, 2053, 7]. Skeletal [2917, 424, 3074]. skeleton [1461, 1462]. skeletons [2862, 4]. skew
stereogenicity/RS [2028]. stereogenicity/stereoisomerism [2028].
stereographs [155]. stereoisogram [2028].
stereoisograms [2027, 2028, 2450, 2451, 2452, 1585].
stereoisomeric [2048, 2450]. stereoisomerism [1761, 2028].
Stereoisomers [1173, 1154, 991, 1585, 2298, 2585, 1811, 2299, 2371, 2372, 2584].
stereoselection [71]. stereoskeletons [2491].
Stern [552].
Stieltjes [2854].
stiff [1891, 1234, 1322, 1358].
Stiffness [371].
Still [875].
Stirred [802, 2964, 699, 738].
stirred-tank [699].
STO [1167].
stoichiometric [3121].
stoichiometry [715].
STOs [2600, 1160].
stranded [2070]. strategies [1924, 394].
strategy [1094, 2944, 279, 280, 666, 2331].
Stratospheric [1360].
strength [683, 725].
streptokinase [1191].
Stretching [844].
strictly [131].
String [160, 1411].
strings [89].
Strip [1128, 3013].
strips [2672, 3127].
strong [691, 1049, 1743].
Strongly [96, 1941, 3007].
Strontium [2506].
Structural [2560, 803, 947, 2436, 2357, 2923, 2535, 182, 1204, 551, 218, 626, 2315, 30, 31, 2919].
Structurally [786, 2000].
structure-activity [1763, 319, 2831, 128, 165, 2133].
structure-based [1497].
structure-preserving [3062, 2531, 2897].
structure-properties [471].
structure-property [233, 1539].
Structure/formula [1701].
structured [1811, 2631, 1378].
studied [1411].
Study [186, 1276, 1231, 798, 1340, 2068, 2705, 2875, 329, 2433, 3083, 951, 1324, 2290, 193, 1202, 2572, 2670, 2225, 88, 2513, 2448, 266, 10, 1685, 1801, 1667, 2788, 2656, 2718, 513, 514, 593, 2208, 2439, 533, 2516, 1691, 1100, 1323, 1911, 2116, 2348, 2641, 739, 1534, 636, 701, 2687, 1939, 1409, 1688, 1544, 1547, 1694, 2487].
studying [3114].
Sturm [2231, 2082, 1068].
Sturmian [618, 708, 851, 2605].
Sturmians [549, 691, 2287].
styrene [1981].
sub [2100]. subclass [2526].
subdivision [3053].
Subduced [780, 929, 109, 2049].
Subduction [110, 109].
Subductions [929].
Subgraph [446, 1016].
Subgraph-driven [446].
Subgraphs [1424, 81, 229, 1539].
Subgroup [770, 2586].
subgroups [421].
subject [1556, 1404].
subnetworks [1985, 131].
suboptimal [2292].
subsequent [1753].
subset [1694].
subspace [1850, 1647].
Subspaces

systems [2127, 2126, 2306, 2925, 1215, 2141, 513, 1349, 1354, 1235, 1787, 1802, 2690, 1036, 2989, 1455, 2676, 235, 2474, 1378, 2405, 2294, 2516, 1859, 2729, 73, 1290, 2416, 2822, 2536, 634, 2175, 1616, 537, 2212, 2458, 2233, 116, 1756, 1193, 591, 2239, 2723, 694, 522, 560, 622, 111, 211, 1322, 1358, 1330, 1649, 2083, 1446, 1759, 2792].

REFERENCES

Rouvray:1987:EFa


Anonymous:1987:LW


Sumners:1987:KTM


King:1987:CATa


King:1987:CATb

REFERENCES

Filip:1987:NAD


Otto:1987:CRE


Randic:1987:ECP


El-Basil:1987:ACT


Kirby:1987:FCG


Schneider:1987:QAM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Fujita:1990:ECS


Fujita:1990:SCR


Xiaofeng:1990:RKB


Trinajstic:1990:CPH


Estrin:1990:PEC


Bhalekar:1990:GPI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Mezey:1991:HHP


Ponec:1991:TAC


Plavsic:1991:CCM


Fabic-Petrac:1991:SCR


Djrasovic:1991:LPA


Surjan:1991:NSE

Ptak:1991:DET

Cioslowski:1991:POO

Klasing:1991:PCD

Vikic-Topic:1991:MDL

Buyukbingol:1991:NPM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Peluso:1992:TAE


Silvi:1992:MLD


Laszlo:1992:EPA


Kurti:1992:EUC


Arteca:1992:CDM


Mezey:1992:EF

vasi. A massively parallel approach to the quasiclassical reactive scat-
CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic). URL 

[256] Maurice Kibler and Tidjani Négadi. On quantum groups and their po-
tential use in mathematical chemistry. *Journal of Mathematical Chem-
istry*, 11(1):13–25, December 1992. CODEN JMCHEG. ISSN 0259-
article/10.1007/BF01164192.

[257] Paul G. Mezey. Similarity analysis in two and three dimensions using 
lattice animals and polycubes. *Journal of Mathematical Chemistry*, 11 
(1):27–45, December 1992. CODEN JMCHEG. ISSN 0259-9791 (print), 
1007/BF01164193.

model of protein structure. *Journal of Mathematical Chemistry*, 11 
1007/BF01164194.

[259] Eugeny V. Babaev and Nikolai S. Zefirov. Ring-transformation graphs 
and their application to degenerate heterocyclic rearrangements. *Journal 

generation of acyclic graphs based on local vertex invariants and topologi-
ical indices. Derived canonical labelling and coding of trees and alkanes.
REFERENCES


REFERENCES


REFERENCES

Taylor:1993:FCG


Cioslowski:1993:ETE


Arteca:1993:SLS


Nicholson:1993:PGA


Chartrand:1993:RCT


Klein:1993:RD

Chou:1993:GRN

125


Brunvoll:1993:MAE


Lee:1993:EEG


Babic:1993:IBG


Chen:1993:CCS


Guo:1993:EAG


Fujita:1993:EDG

REFERENCES


REFERENCES


REFERENCES

[322] F. P. Temme. On general forms for structure of some \([n-1,1] \otimes [\lambda]L_{nn}\)
inner tensor products with \(6 \leq n \leq 20\), (60) for \(n\) even, in the context of
spin cluster problems of multiquantum NMR. *Journal of Mathematical
com/article/10.1007/BF01165561.

[323] Richard W. Freedman and Fred Gornick. Further reflections on the one-
167–176, December 1993. CODEN JMCHEG. ISSN 0259-9791 (print),
1007/BF01165562.

[324] A. Tone, L. Lain, and J. Millan. Contraction algorithms for third-order
reduced density matrices: Symmetric group approach. *Journal of Math-
springer.com/article/10.1007/BF01165563.

springer.com/article/10.1007/BF01165564.

[326] Zbigniew Zimpel. The metric properties of the reduced nuclear con-
205–208, December 1993. CODEN JMCHEG. ISSN 0259-9791 (print),
1007/BF01165565.

[327] Kurt Mislow and Pietro Poggi-Corradini. Shape space of achiral
simplexes. *Journal of Mathematical Chemistry*, 13(1):209–211, De-
cember 1993. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-
1007/BF01165566.
REFERENCES


[333] G. Magela e Silva, L. A. C. Malbouisson, A. Naves de Brito, and J. D. M. Vianna. Functional analysis concepts and Hartree–Fock in-


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[406] Mihaly Mezei and Katalin Bencsáth. Long-range contribution to inverse-distance power and Morse energy and pressure terms of a molecular


REFERENCES


[418] S. Roszak and K. Balasubramanian. Unresolved mathematical problems in the representation of potential energy surfaces by many-body


REFERENCES


REFERENCES


REFERENCES


Chauvin:1995:CAVc


Pota:1995:UFM


Cyvin:1995:ASN


Li:1995:NAN


Korobov:1995:HCK


Singh:1995:MTT


[459] F. P. Temme. On mixed vs. exclusively-bosonic $\left\{ \lambda \right\} : p \leq 2^2$ (SU2$x S_n$) irrep sets over $\{ \hat{H}_n \}$ carrier subspaces, in the structure of (SU2 $\otimes$ S_n) $\otimes$ (SU2 $\otimes$ S_n)$^+$-derived Liouville space of NMR spin dynamics. *Journal of Mathematical Chemistry*, 18(1):91–95, March 1995. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic). URL http://link.springer.com/article/10.1007/BF01166605.
REFERENCES


REFERENCES


REFERENCES

Pogliani:1996:GTP


Blinder:1996:CPF


Carbo:1996:QMS


Bracken:1996:NTI


Witwit:1996:ELS


Baldridge:1996:PIS

REFERENCES


REFERENCES


Simon:1996:GTT


Ming:1996:EFD


Cendra:1996:GFP


Demiralp:1996:ULB


Bowden:1996:SARa


Bowden:1996:SARb

[502] G. J. Bowden, T. Heseltine, and M. J. Prandolini. Some analytical results for ABC, ABCD, and XBCD coupled spin 1/2 systems. II. Journal
REFERENCES


Randic:1996:HOF


Fernandez:1996:APB


Hoffman:1996:VDE


Hollauer:1996:PSM


Molina:1996:ASPa


Molina:1996:ASPb

REFERENCES


[525] F. P. Temme. Determinable partitional modelling of Cayleyan $SU(n \leq n/2) \times S_{n} \downarrow G\mathcal{M}\mathcal{R}$ spin symmetries of isotopomeric cage-clusters: Specific $S_{n} \geq 12 \supset \ldots \supset D_{3}$ group chains, for $S_{n}$-modules in high-$n$ weak-branching limit. *Journal of Mathematical Chemistry*, 20(2):311–329, September 1996. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic). URL http://link.springer.com/article/10.1007/BF01165351.

REFERENCES


REFERENCES

Piecuch:1997:CEE


Kier:1997:CAM


Huillet:1997:CAB


Roy:1997:CNC


Taneri:1997:BAT


Hoffman:1997:RPF

Farinha:1997:NLL


Wieland:1997:CCC


Liu:1997:GSB


Panja:1997:GPC


Brunvoll:1997:ETL


Mackay:1997:RH


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

177


Hornburger:1998:DCA


Knopfmacher:1998:AIE


Grimaldi:1998:GMC


Antippa:1998:BEH


Balinska:1998:GWV

REFERENCES


REFERENCES


Anglada:1999:AWI


Arrighini:1999:MAA


Evans:1999:NTL


Merkin:1999:RFI


Nitta:1999:GTA


Li:1999:MEO


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[712] Yung Park. Effect of transient condensation of a supercooled gas on

[713] T. E. Simos. A new explicit Bessel and Neumann fitted eighth algebraic


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Pinsky:2001:CSM


Simos:2001:MPF


Handrock-Meyer:2001:MDD


Wang:2001:AFA


Micheletti:2001:SDS


Okrasinski:2001:MEU


REFERENCES


[830] A. Torre, L. Lain, R. Bochicchio, and R. Ponec. Topological population analysis from higher order densities II. The correlated case. *Jour-
References


[Paul Caylor McKinney. Schrödinger equation solutions for the central field power potential energy II. $V(r) = -V_0(r/a_0)^{2\nu-2}, 0 \leq \nu \leq 1$, the bound states. *Journal of Mathematical Chemistry*, 32(4):405–410, November 2002. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic). URL http://link.springer.com/article/10.1023/A:1022957623388.]

[F. Aluffi-Pentini, V. De Fonzo, and V. Parisi. A novel algorithm for the numerical integration of systems of ordinary differential equations...


REFERENCES


REFERENCES


REFERENCES


Petitjean:2004:SSS


Arteca:2004:TSM


Yan:2004:PPS


Marmorino:2004:STL


Baronas:2004:EDL


Paldus:2004:GMS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[948] L. V. Kalachev and K. R. Schneider. Global behavior and asymptotic reduction of a chemical kinetics system with continua of equilibria. Jour-
alers


Arimoto:2005:PFCa


Qiao:2005:AAR


Berberan-Santos:2005:CQS


Cash:2005:CFH


He:2005:CQT


Aktas:2005:ESS

Metin Aktas and Ramazan Sever. Exact solution of Schrödinger equation with deformed ring-shaped potential. Journal of Mathematical Chem-

REFERENCES 234


Anastassi:2005:TFR


Psihoyios:2005:SAO


Sakas:2005:FMM


Hao:2005:ADG


Rodrigues:2005:ICE


Guseinov:2005:CME

REFERENCES


REFERENCES


REFERENCES


[1000] Heping Zhang and Jinghua He. A comparison between 1-factor count and resonant pattern count in plane non-bipartite graphs. *Journal of
Kotdawala:2005:AMF


Liu:2005:RI


Ivanauskas:2005:CSS


Taseli:2005:SHW


Hollas:2005:AIT


Morales:2005:TEE

Huang:2005:TDCa


Karimi:2005:E


Marmorino:2005:IWI


King:2005:CDK


Varon:2005:TNR


Shiu:2005:RTP

REFERENCES


[1018] Myriam Segre de Giambiagi, Marçal Oliveira de Neto, and Amarilis V. Finageiv de Neder. Cooperative effect of CH···O bonds in models


REFERENCES


REFERENCES


250

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Zhang:2007:MRI


Hua:2007:UGM


Doslic:2007:FGE


Duchowicz:2007:NMD


Carbo-Dorca:2007:EPR


Doslic:2007:GFN


REFERENCES


Gholamreza Faridfathi and Ramazan Sever. Supersymmetric solutions of PT-/non-PT-symmetric and non-Hermitian screened Coulomb poten-


REFERENCES


Khadikar:2007:TEA


Sanchez:2007:MMR


Ikhdair:2007:AEE


Wang:2007:OCG


Fujita:2007:GTF


REFERENCES


REFERENCES


278

REFERENCES

Yousefi:2007:EEW


Ren:2007:DHCb


Lin:2007:LET


Naujikas:2007:MEP


Fenstad:2007:DHP


Edgal:2007:PNN

REFERENCES


REFERENCES


Guseinov:2008:UCC


Jia:2008:PDE


Sun:2008:ADB


Wang:2008:FNT


Li:2008:MEU


Zhao:2008:FSA

Estrada:2008:GSS


Zivkovic:2008:IFQ


Wang:2008:AMH


Duchowicz:2008:ANR


Cai:2008:DFF


Doslic:2008:SNF

Arimoto:2008:RST


Randic:2008:RDL


He:2008:RPR


Peuker:2008:AET


Guo:2008:SUB


Vukicevic:2008:AKN


REFERENCES


Marmorino:2008:ABS


Jesudason:2008:FRC


Guseinov:2008:UTCa


Volpe:2008:PCA


Guo:2008:CDH


Carbo-Dorca:2008:MALa

REFERENCES

Carbo-Dorca:2008:MALb


Carbo-Dorca:2008:MALc


Sanctuary:2008:IDF


Cai:2008:IVD


Lim:2008:SSR


Zhao:2008:FSP

REFERENCES


Trif:2008:MPS


Yuan:2008:PIG


He:2008:QCR


Cai:2008:IVJ


Liu:2008:PCC


Li:2008:RRS

REFERENCES


REFERENCES

[Bielinska-Waz:2008:CSS]


[Zawadzka:2008:ASP]


[Pedersen:2008:QSS]


[Lim:2008:CBO]


[Banaji:2008:ETN]


[Pang:2008:AMT]


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Baowan:2008:TMF


Velasco:2008:SOD


Duchowicz:2008:POR


Cai:2008:KAN


Hosoya:2008:KSH


Wang:2008:MRB


REFERENCES


REFERENCES


Gabarro-Arpa:2008:CPM


Belkic:2008:UDG


Karimi:2008:RSC


Mezey:2008:E


Brouder:2008:DIG


Cassam-Chenai:2008:SAP


REFERENCES


REFERENCES


Guttmann:2009:MF1


Alvarez:2009:HOM


Simpao:2009:TCAb


Nagy:2009:P


Brinkmann:2009:NFD


Jantschi:2009:SPV


Kutnar:2009:INP


Lijnen:2009:OAF


Kutnar:2009:DLF


Lijnen:2009:DTM


Kutnar:2009:AKN

Klavdija Kutnar, Jelena Sedlar, and Damir Vukicević. On the anti-Kekulé number of leapfrog fullerenes. *Journal of Mathematical Chemistry*, 45(2):431–441, February 2009. CODEN JMCHEG. ISSN 0259-


Trobec:2009:CPM


Vizitiu:2009:TF


Vukicevic:2009:AFK


Vukicevic:2009:PZM


Mezey:2009:QUM


Mezey:2009:ERB

REFERENCES

Vukicevic:2009:FFC


Belkic:2009:GCS


Farkas:2009:PFL


Nalewajski:2009:MSC


Zivkovic:2009:ETO


Guseinov:2009:UUO

REFERENCES

Nalewajski:2009:CTP


Balaban:2009:PP


Lin:2009:EKE


Capela:2009:RAA


Nalewajski:2009:MPE


Belkic:2009:EQT

Belkic:2009:URM


Plakhutin:2009:CCO


Mamedov:2009:CTCa


Batagiannis:2009:UBPa


Batagiannis:2009:UBPb


Jorge Martínez and Alejandro Toro-Labbé. Erratum: The reaction force. A scalar property to characterize reaction mecha-

Livadiotis:2009:ATSa


Livadiotis:2009:ATSb


Alpar-Vajk:2009:BRD


Guseinov:2009:TCO


Lim:2009:CIA


[1481] Sameer M. Ikhdair and Ramazan Sever. Exact quantization rule to the Kratzer-type potentials: an application to the diatomic molecules. *Jour-


REFERENCES


Bucknum:2009:CTC


Berkdemir:2009:NAD


Suarez:2009:TCD


Avery:2009:ACI


Kang:2009:NCO


Huang:2009:BSM

REFERENCES

Heuberger:2009:CTM


Szmytkowski:2009:DAL


Pipek:2009:KEO


Zhou:2009:RDK


Li:2009:NAM


Nelson:2009:ACM

Donnell:2009:SGM


Li:2009:SRG


Guo:2009:ZZP


Baeurle:2009:MMP


Ivanauskas:2009:CMY


Kardos:2009:FGE


Arimoto:2009:NRS


Hu:2009:APP


Panopoulos:2009:TOS


Anastassi:2009:NMD


Anastassi:2009:NMC


Vlachos:2009:HOM


Hideaki Takahashi, Fumihiro Miki, Hajime Ohno, Ryohei Kishi, Suguru Ohta, Shin ichi Furukawa, and Masayoshi Nakano. Hydration effects on


Psihoyios:2009:FN


Tsitouras:2009:SDR


Zenkevich:2009:AP


Garoufalis:2009:OG


Zdetsis:2009:MSG


Garoufalis:2009:OP


Zheng:2009:CBM


Anastassi:2009:FRK


Zhou:2009:ECI


Rech:2009:PFH


Hasanov:2009:ANI


Zhang:2009:NLZ


REFERENCES


Shuping:2010:SAS


Meng:2010:DAM


Fujita:2010:CDS


Karimi:2010:CGA


Laszlo:2010:MCM


Puida:2010:MMA

[1588] Mantas Puida, Feliksas Ivanauskas, and Valdas Laurinavicius. Mathematical modeling of the action of biosensor possessing variable parame-


REFERENCES


[1600] B. A. Mamedov and E. Çopuroğlu. Erratum: Calculation of three-center nuclear attraction integral over Slater type orbitals in molecular coordinate system using Löwdin α-radial function and Guseinov’s two-center


REFERENCES


REFERENCES

Niehaus:2010:CID


March:2010:SMM


Yilmaz:2010:SSE


Carbo-Dorca:2010:MSP


Szederkenyi:2010:CSD


Lee:2010:SND

REFERENCES


Nalewajski:2010:ANA


Wang:2010:HBM


Lee:2010:RMM


Kardos:2010:CEC


Ajadi:2010:ACC


Nalewajski:2010:EIC


REFERENCES


Berberan-Santos:2010:MBI


Zhao:2010:DAL


Klein:2010:CMG


Zhao:2010:ISF


Guseinov:2010:EII


Hasanov:2010:ANI

[1660] Alemdar Hasanov, Burhan Pektas, and Umit Kadiroglu. An analysis of nonlinear ion transport problem including arbitrary valences of oxi-
REFERENCES


Miranda-Quintana:2010:FTC


Belkic:2010:RTI


Belkic:2010:RTD


Strekalov:2010:TTW


Gligor:2010:NMS

REFERENCES


REFERENCES


Lima:2010:NMO


Guirao:2010:CCL


Rey-Ronco:2010:MSI


Berberan-Santos:2010:GFM


Meena:2010:MME


Zhao:2010:ASC

[1694] Xuezhuang Zhao, Zhenfeng Shang, Zucheng Li, Xiufang Xu, Guichang Wang, Ruifang Li, and Yun Li. Approximate symmetry characteristics using fuzzy-subset theory study for chiral transitions of allene-1,3,-dihalides. *Journal of Mathematical Chemistry*, 48(2):187–223, August


Liu:2010:APL

Barabas:2010:SAA

Hasanov:2010:IUDb

Hasanov:2010:IUDc

Natarajan:2010:NCD

Milani:2010:NSN
REFERENCES


Mansour:2010:TWP


Stadler:2010:MGC


Xing:2010:SCI


Quina:2010:CDS


Safouhi:2010:IPC


Masia-Perez:2010:GMNa


REFERENCES

366


REFERENCES


[1746] Alla P. Toropova, Andrey A. Toropov, Emilio Benfenati, Danuta Leszczynska, and Jerzy Leszczynski. QSAR modeling of measured bind-

Koga:2010:EPR


Delgado:2010:SEN


Li:2010:DMR


Killingbeck:2010:PAF


Hariharan:2010:HWM


Mateljevic:2010:EPC


REFERENCES


[1769] I. I. Guseinov. Evaluation of potential of electric field produced by molecule using symmetrical one-range addition theorems for Coulomb–


REFERENCES


REFERENCES

Cassam-Chenai:2011:RSP


Carbo-Dorca:2011:MAL


Sikiric:2011:CPR


Benson:2011:SAS


Calogero:2011:NRE


REFERENCES


REFERENCES


Szmytkowski:2011:DAL


Huang:2011:PAD


Rogerson:2011:MSS


Santosa:2011:IPR


Baronas:2011:MCS


Marmorino:2011:ELB

[1850] M. G. Marmorino. Eigenvalue lower bounds with Bazley’s special choice of an infinite-dimensional subspace. *Journal of Mathematical Chem-
REFERENCES


REFERENCES

Yuan:2011:DIO


Arribas:2011:CUE


Roy:2011:DFC


Arimoto:2011:PFC


Maheswari:2011:ASN


Thiagarajan:2011:AES


...

Sanchez:2011:NAA


Randic:2011:NCP


Besalu:2011:GGP


Zheng:2011:SSH


Varga:2011:NIU


Chakraborty:2011:FWK


Bayanov:2011:NSV


Dey:2011:ONL


Gu:2011:ESM


Jin:2011:AJP


Liu:2011:CBT


Carbo-Dorca:2011:QSV


[Besalu:2011:DES]


[Carbo-Dorca:2011:GDE]


[Jablan:2011:NGD]


[March:2011:SSC]


[Anderson:2011:BTW]


[Baowan:2011:MAW]


Li:2012:GFH


Ke:2012:LBN


Skakauskas:2012:NSK


DAmbrosio:2012:PEE


Rogerson:2012:SSB


Kessler:2012:EPC

REFERENCES


REFERENCES


REFERENCES


[1955] Lesław K. Bieniasz. Automatic simulation of electrochemical transients by the adaptive Huber method for Volterra integral equations involving kernel terms $\exp[-\alpha(t - \tau)]e^{\tau\left[\beta(t - \tau)\right]^{1/2}}$ and $\exp[-\alpha(t - \tau)]daw\left[\beta(tr)\right]^{1/2}$. *Journal of Mathematical Chemistry*, 50(4):765–781, April 2012. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic). URL http://link.springer.com/article/10.1007/s10910-011-9923-3.


Demiralp:2012:PFDb


Dong:2012:ESM


Pisanski:2012:FGT


Karimi:2012:CGA


March:2012:EMC


Zhang:2012:PCB


REFERENCES


Rajasingh:2012:PHN


Arimoto:2012:MMM


Simos:2012:HOC


Hutem:2012:NES


Indira:2012:AEN


Lee:2012:GFI


Wu:2012:LYC


Xing:2012:SFS


PonRani:2012:MMS


Barany:2012:EDM


Estrada:2012:RCD


REFERENCES

Li:2012:DMR


Izmailov:2012:SAM


Fujita:2012:STBa


Fujita:2012:STBb


Alolyan:2012:NHT


Molina-Espiritu:2012:ITC

[2030] Moyocoyani Molina-Espíritu, Rodolfo O. Esquivel, Juan Carlos Angulo, Juan Antolín, and Jesús S. Dehesa. Information-theoretical complexity


REFERENCES

Puida:2012:MEC


Rosenfeld:2012:EPI


Ozay:2012:CSS


LeDell:2012:CNP


Killingbeck:2012:CPQ


Quapp:2012:TCR

420


[2058] Ramon Carbó-Dorca. Quantum similarity matrices column set as holograms of DF molecular point clouds. *Journal of Mathematical Chem-
REFERENCES 423


REFERENCES


Nalewajski:2013:ITM


Rosenfeld:2013:ESIa


Demiralp:2013:CLRa


Demiralp:2013:CLRb


Lebedev:2013:SPR


Strekalov:2013:CET


[2109] Ramon Carbó-Dorca and Emili Besalú. EMP as a similarity measure: a geometric point of view. *Journal of Mathematical Chemistry*, 51(1):
REFERENCES


Fang:2013:NOE


Carbo-Dorca:2013:ACC


Carbo-Dorca:2013:PMH


Paldus:2013:SBI


Chen:2013:LTB


Milani:2013:EGA

[2115] G. Milani. Effective GA approach for a direct evaluation of reaction kinetic within EPDM accelerated sulphur crosslinking. Journal of Math-
Skakauskas:2013:NSL


Liu:2013:CBF


Aloyan:2013:HOF


Pereira:2013:ANS


Bianchi:2013:BKI


Das:2013:EPM

[2121] Biswajit Das, Kinshuk Banerjee, and Gautam Gangopadhyay. Entropy production of a mechanically driven single oligomeric enzyme: a conse-
REFERENCES


REFERENCES


Mukherjee:2013:SETa


Oyewumi:2013:BSS


Hariharan:2013:HAM


Thamwattana:2013:MIB


Amore:2013:PCU

REFERENCES


Milani:2013:DMA


Vigo-Aguiar:2013:MMC


Rey-Ronco:2013:TME


Alonso:2013:NLP


Lopez:2013:NGR


Demiralp:2013:PEAa


REFERENCES


[2178] Ibraheem Alolyan and T. E. Simos. A new four-step Runge–Kutta type method with vanished phase-lag and its first, second and third deriva-


REFERENCES


Cai:2013:QHM


Besalu:2013:CSM


Tuna:2013:NPM


Neto:2013:MNG


Reuben:2013:PSM


Miskinis:2013:ETS

[2207] P. Miskinis. An example of a two-stage chemical reaction whose kinetics may be found in an analytical form. *Journal of Mathematical Chemistry*, 51(7):1822–1834, August 2013. CODEN JMCHEG. ISSN


REFERENCES


Cataldo De Blasio, Claudio Carletti, Tapio Westerlund, and Mika Järvinen. On modeling the dissolution of sedimentary rocks in acidic


REFERENCES


REFERENCES


Tunga:2013:NMM


Li:2013:QSS


Szczepanik:2013:MSM


Mamedov:2013:AEM


Roy:2013:MCI


Raychaudhury:2013:ICM

REFERENCES


[2269] Roman F. Nalewajski. Communications in molecules: local and multi-configuration channels and their entropic descriptors of bond multiplicity
REFERENCES


Avery:2014:MIS


Zhao:2014:SFS


Padmanabhan:2014:GSA


Biring:2014:NAM


Chikayama:2014:SMC


Donovan:2014:LTL

[2292] Ashley Donovan, Vincent Beltrani, and Herschel Rabitz. Local topology at limited resource induced suboptimal traps on the quantum control


Fujita:2014:SIEb


Wallner:2014:ALN


Nalewajski:2014:PEM


Wazwaz:2014:VIM


Padmanabhan:2014:SAW
REFERENCES


[2309] Krishnan Balasubramanian. Generalization of the Harary–Palmer power group theorem to all irreducible representations of object and color


REFERENCES


REFERENCES


REFERENCES


Damian Mikulski, Krzysztof Eder, and Jerzy Konarski. Approximate analytical solutions of the stationary radial Schrödinger equation with...
REFERENCES


Toranzo:2014:FMN


Rudan:2014:PTA


Roy:2014:RVS


Pohjoranta:2014:MFP


Zhang:2014:DAS

EMELIANENKO:2014:ERC


YANG:2014:DSM


BISPO:2014:AST


FUJITA:2014:TAA


JIWARI:2014:CMT


MIKULSKI:2014:SQM

[2360] Damian Mikulski, Krzysztof Eder, and Jerzy Konarski. The supersymmetric quantum mechanics theory and Darboux transformation for the


REFERENCES


[2371] Shinsaku Fujita. Symmetry-itemized enumeration of RS-stereoisomers of allenes. I. The fixed-point matrix method of the USCI approach com-
REFERENCES

478


Fujita:2014:SIEd


Alcoba:2014:SAF


Liu:2014:RGG


Sumetpipat:2014:CNN


Chu:2014:EAV


[2406] Muzaffer Ayvaz and Metin Demiralp. Probabilistic evolution approach to the expectation value dynamics of quantum mechanical operators, part
REFERENCES


Mikulski:2014:FIE


Fernandez:2014:CEL


Gutman:2014:FML


Alolyan:2014:HTF


Duan:2014:MDD


[2417] Guido Dell’Acqua and Alberto Maria Bersani. On the appropriate use of asymptotic expansions in enzyme kinetics. *Journal of Mathematical


REFERENCES


REFERENCES


Zhou:2015:FPT


Zhou:2015:EFP


Tikhonov:2015:QAP


Carbo-Dorca:2015:QPD


Baas:2015:STL


Chung:2015:MDT

REFERENCES


[2451] Shinsaku Fujita. Stereoisograms for three-membered heterocycles: II. Chirality, RS-stereogenicity, and ortho-stereogenicity on the basis of the


REFERENCES

Martinez-Araya:2015:WDD


Thilagam:2015:NLH


Turulski:2015:DGFa


Turulski:2015:EDGa


Turulski:2015:DGFb


Turulski:2015:EDGGb


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Amore:2015:SES


Milani:2015:IRN


Reis:2015:AVM


Gan:2015:HBF


Banerjee:2015:DHV


Frolov:2015:TPI


[2531] Qiong-Xiang Kong and Ji-Teng Jia. A structure-preserving algorithm for linear systems with circulant pentadiagonal coefficient matrices. *Journal-
REFERENCES

Penfold:2015:EIM


Fernandez:2015:ACE


Carbo-Dorca:2015:LSE


Gabor:2015:RNR


Steel:2015:SSA

Goedgebeur:2015:RGI


Amovilli:2015:EPN


Banerjee:2015:CCI


Carbo-Dorca:2015:IRPa


Lente:2015:ASR


Barthel:2015:TEA

REFERENCES


[2548] Genyuan Li, Roberto Rey de Castro, Xi Xing, and Herschel Rabitz. Sparse and nonnegative sparse D-MORPH regression. *Journal of Math-


REFERENCES


[2559] Risong Li and Yu Zhao. Remark on positive entropy of a coupled lattice system related with Belusov–Zhabotinskii reaction. *Journal of Math-
REFERENCES


Mihaly Mezei. Use of circular variance to quantify the deviation of a macromolecule from the spherical shape. *Journal of Mathematical Chemistry*, 53(10):2184–2190, November 2015. CODEN JMCHEG. ISSN 0259-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Tikhonov:2016:QAP

Belkic:2016:QFP

Carbo-Dorca:2016:AED

Tachibana:2016:TDR

Morales:2016:EIC

Wei:2016:PMR


REFERENCES


REFERENCES


Feliksas Ivanauskas, Pranas Katauskis, and Valdas Laurinavicius. Impact of convective transport and inert membrane on action of the bio-catalytic
REFERENCES

Carrillo:2016:OPC


Roul:2016:NAS


Roul:2016:ENA


Nogueira:2016:LCB


Tratnik:2016:DLS

REFERENCES

$N_2O$ reaction over supported catalysts. Journal of Mathematical 
Chemistry, 54(6):1306–1320, June 2016. CODEN JMCHEG. ISSN 0259-

[2642] Francisco M. Fernández and Javier Garcia. Unitary transformations of a 
family of two-dimensional anharmonic oscillators. Journal of Mathemat-
ical Chemistry, 54(6):1321–1326, June 2016. CODEN JMCHEG. ISSN 

[2643] Dánıel András Drexler and János Tóth. Global controllability of chemi-
2016. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (elec-
tronic). URL http://link.springer.com/article/10.1007/s10910-
016-0626-7.

[2644] L. Bayón, J. A. Otero, P. M. Suárez, and C. Tasis. Solving linear un-
branched pathways with Michaelis–Menten kinetics using the Lambert 
$W$-function. Journal of Mathematical Chemistry, 54(7):1351–1369, Au-
gust 2016. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (elec-
1007/s10910-015-0579-2; http://link.springer.com/article/

[2645] Eulalia Martínez, Sukhjit Singh, José L. Hueso, and Dharmendra K. Gupta. Local convergence of a family of iterative meth-
ods for Hammerstein equations. Journal of Mathematical Chemistry, 
54(7):1370–1386, August 2016. CODEN JMCHEG. ISSN 0259-

[2646] Iulia Martina Bulai and Ezio Venturino. Biodegradation of organic 
pollutants in a water body. Journal of Mathematical Chemistry,
REFERENCES


REFERENCES


Yahya:2016:QIE


Bastos:2016:QMP


Alolyan:2016:FTS


Tobias:2016:FOC


Pota:2016:SDF

REFERENCES


REFERENCES


Zhao:2017:SDA


Kaatz:2017:KMC


Thilagam:2017:TMD


Frolov:2017:ACB


Carbo-Dorca:2017:TGM


Yanping Yang, Xiong You, and Yonglei Fang. Runge–Kutta–Nyström methods with equation dependent coefficients and reduced phase


[2704] Bernie D. Shizgal, Nicholas Ho, and Xingwei Yang. The compu-
tation of radial integrals with nonclassical quadratures for quantum
chemistry and other applications. *Journal of Mathematical Chem-
istry*, 55(2):413–422, February 2017. CODEN JMCHEG. ISSN 0259-

mechanical treatment to predict monolayer ordering: a study of
chain interactions and comparison with molecular dynamics simula-
2017. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (elec-
1007/s10910-016-0682-z; http://link.springer.com/article/
10.1007/s10910-016-0682-z.

[2706] Jan Turulski. Dimension of the Gibbs function topological mani-
fold: 3. Configuration entropy determined by the isotopic composition of binary
2017. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (elec-
1007/s10910-016-0686-8; http://link.springer.com/article/

[2707] Evrim Korkmaz Özay and Metin Demiralp. Weighted tridiagonal matrix
enhanced multivariate products representation (WTMEMPR) for de-
composition of multiway arrays: applications on certain chemical system
2017. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (elec-
1007/s10910-016-0687-7; http://link.springer.com/article/

[2708] Josef Paldus. Externally and internally corrected coupled cluster
approaches: an overview. *Journal of Mathematical Chemistry*,
55(2):477–502, February 2017. CODEN JMCHEG. ISSN 0259-


REFERENCES


Gluzman:2017:ASS


Fernandez:2017:TDK


Luo:2017:FCH


Mamedov:2017:AEZ


Mittal:2017:SOD


References

Das:2017:TPF


Lente:2017:ASR


Imran:2017:SFA


Jang:2017:QPM


Fan:2017:BBO

Saha:2017:ILC


Nadarajah:2017:MPH


Carbo-Dorca:2017:NVS


Basilevsky:2017:CTK


Medvedev:2017:TSS

Berg:2017:HOC


Diudea:2017:TCG


Estrada:2017:AM


Xu:2017:TDS


Killingbeck:2017:ANJ

REFERENCES


[2744] Z. Huang, H. S. Sidhu, I. N. Towers, Z. Jovanoski, and V. V. Gubernov. Properties of combustion waves in a model with competitive exothermic
Yardimci:2017:SDS


Berg:2017:TSS


Basilevsky:2017:MRT


Demiralp:2017:ZIL


Tuna:2017:ZIL


Lu:2017:CWM

[2750] Nan Lu, Yuxiang Bu, and Guimei Luo. Cu-wire-mediated dipyrimidine base pairs as the building blocks for conductive and magnetic Cu–DNA
REFERENCES


REFERENCES

2017. CODEN JMCHEG. ISSN 0259-9791 (print), 1572-8897 (electronic).

Berg:2017:ESS


Dillon:2017:OIP


Restrepo:2017:JMC


Ke:2017:RQP


Tratnik:2017:GPI


Thylwe:2017:NFS


Ma:2017:ECE


Bieniasz:2017:SCR


Konguetsof:2017:GFT


Selmi:2017:HFH


Sahin:2017:EET


Pasca:2017:TIT


Carbo-Dorca:2017:RGF


REFERENCES


REFERENCES


Liemert:2018:FRT


Cortez:2018:CAL


Talabis:2018:PEC


Arceo:2018:RSK


Fang:2018:HFD


REFERENCES


[2833] Zeynep Gündogar and Metin Demiralp. Block tridiagonal matrix enhanced multivariate products representation (BTMEMPR). *Journal
REFERENCES

561

Zheng:2018:NTS


Yang:2018:MTD


Ohta:2018:CVP


Awonusika:2018:SFR


Turulski:2018:BSS


Valko:2018:IEC


[2845] Felipe A. Díaz-Alvarado, Jenny Miranda-Pérez, and Ignacio E. Grossmann. Search for reaction pathways with p-graphs and reaction blocks:


REFERENCES

565


Pandey:2018:INN


Gao:2018:TDO


Arockiaraj:2018:HWW


Fernandez:2018:CKE


Celebre:2018:AAW


Milani:2018:RBK

REFERENCES

Alqahtani:2018:NSS


Yao:2018:NFS


Paldus:2018:VBA


Dharmani:2018:MGG


Boumali:2018:SPD


Verma:2018:CMT

Amit Kumar Verma and Sheerin Kayenat. On the convergence of Mickens’ type nonstandard finite difference schemes on Lane–Emden


570

REFERENCES


REFERENCES


Cordero:2018:CTC


Fang:2018:TDR


Magrenan:2018:SLM


Argyros:2018:ISC


Macias-Diaz:2018:TWS

Macias-Diaz:2018:SPC


Demiralp:2018:PER


Kalay:2018:SEP


Ozdemir:2018:UEF


Behl:2018:OSM


Garcia:2018:EAS

[2902] Gonzalo Cerruela García, Nicolás García-Pedrajas, Irene Luque Ruiz, and Miguel Ángel Gómez-Nieto. An ensemble approach for in silico pre-

Maroju:2018:SDF


Magrenan:2018:BCS


Belkic:2018:ELF


Balasubramanian:2018:RJT


Fujita:2018:HEK

REFERENCES


Kipriyanov:2018:BNM


Yan:2018:NRK


Mushtaq:2018:CAS


Mushtaq:2018:CPC


Li:2018:SRC


Doslic:2018:PEA

Zhao:2018:SME


Belkic:2018:VRC


Singh:2018:OHA


Chen:2018:NTS


Elyukhina:2018:GNP


Skakauskas:2018:MNC

[2924] V. Skakauskas, P. Katauskis, and R. Ciegis. Modelling of the NO + CO reaction over inhomogeneous surfaces. *Journal of Mathematical Chemi-
Mendoza:2018:PEW


Thylwe:2018:HPR


Hao:2018:EMS


Balasubramanian:2018:CMG


Yang:2018:CEA

REFERENCES


REFERENCES

580


Doslic:2018:MI


Hao:2018:NRK


Din:2018:NCC


Andova:2018:DBIb


Meral:2018:MAN


He:2018:EFD

[2947] Jianfeng He, Yun Zhao, and Jing Li. The ensemble folding dynamics of EF-hand domain in parvalbumin from a Monte Carlo simulation. Journal of Mathematical Chemistry, 56(10):3115–3125, November 2018. CODEN
Sakiyama:2018:ECO


Huang:2018:HIM


Wang:2018:PPK


Belkic:2019:DCE


Belkic:2019:ATR


REFERENCES


Yadav:2019:FEA


Pina-Villalpando:2019:NSF


DeBortoli:2019:ORK


Alolyan:2019:NMS


Sakiyama:2019:TEZ


Alalwan:2019:TMN

REFERENCES


[3010] Francisco M. Fernández. Comment on: "On the computation of eigenvalues of the anharmonic Coulombic potential". *Journal of Mathematical
REFERENCES


REFERENCES

Pestana:2019:CGA


Zafar:2019:GCF


Martinez-Perez:2019:SRL


Yang:2019:TMV


Argyros:2019:ELC


Rodriguez:2019:IID


[3038] Kexiang Xu, Fang Gao, Kinkar Chandra Das, and Nenad Trinajstić. A formula with its applications on the difference of Zagreb in-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Balasubramanian:2020:CCH


Bayon:2020:ILP


Krajnak:2020:PSS


Mihalka:2020:VPN


Hao:2020:PFF

REFERENCES

Putthikorn:2020:EBD


Hua:2020:ISB


Tong:2020:CPF


Rodriguez-Velazquez:2020:CRP


Balasubramanian:2020:ERS


Valenzuela:2020:HBB


[3106] K. Aarthika, V. Shanthi, and Higinio Ramos. A non-uniform difference scheme for solving singularly perturbed 1D-parabolic reaction-


REFERENCES


REFERENCES


Tandon:2020:CAR


Alici:2020:GSS


Chen:2020:PFF


Lin:2020:CPF


Belkic:2020:TCS


Xavier:2020:IPP

REFERENCES


