

A Complete Bibliography of Publications in the *Journal of Mathematical Physics: 2005–2009*

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

08 November 2023
Version 1.20

Title word cross-reference

$(1 + 1)$ [1242, 753]. $(2 + 1)$ [1905, 822, 1547, 1101]. $(2, 0)$ [575]. $(3 + 1)$ [1203].
 (G'/G) [1741, 1724]. $(iz)^m$ [312]. $(\lambda/4!)\varphi^4$ [611]. $(n + 1)$ [888, 1222]. (p, q)
[941, 941]. (q, γ) [1304]. (x, z) [247]. $-d^2/dr^2 - 1/(4r^2)$ [595]. 1 [1634]. 1/2
[631, 576, 67]. 10 [1036, 1608]. 11 [1036, 1608]. 120 [165]. 150 [1511, 1920]. 2
[100, 1011, 1634, 22, 2070, 1269, 1082, 1682]. $2 + 1$
[2170, 242, 396, 933, 467, 64, 1348, 2171, 1012, 1172]. 2, 3, 5 [640]. 27 [36].
 $2 \supset \otimes 2 \supset \otimes d$ [1645]. 2×2 [1638, 2079]. 3
[1357, 2187, 1875, 2133, 1182, 603, 2160, 403, 450]. 3/2 [463]. 3×3 [732]. 4
[897]. 5 [897]. 50 [1863]. * [1404]. 1S_3 [504]. ${}_1F_1(a, b, z)$ [1526]. i [250]. A
[1261, 1526]. A_2 [1900]. $A_2^{(1)}$ [2182]. $A_{2n}^{(2)}$ [102]. AdS(3)/CFT(2) [1831].
AdS/CFT [1624]. AdS₂ [1254]. AdS _{$d+1$} \rightarrow AdS _{d} [372]. α [1069]. α^2 [253].
Aut(F_4) [596]. $AX - XA = C$ [2002]. b [1526]. $B(m, n)$ [1783]. bc [2105]. β
[658]. BF [1387]. $BF CG$ [1387]. $\delta^o(A): \underline{\Sigma} \rightarrow \underline{\mathbf{R}}^{\succ}$ [1489]. C [1474, 1509, 369].
 $c = 26$ [1275]. C^* [1213, 1413, 1789, 1761, 1641, 795, 1525, 565]. C^0 [1427]. C^n
[1580]. D [1130, 968, 412, 749, 608, 1204, 1565, 787, 2148, 549, 1815, 899].

$D(2, 1; \alpha)$ [1217]. $D < 2$ [917]. $d = 1$ [188]. $D = 2 + 1$ [472]. $\ddot{x} + 3x\dot{x} + x^3 = 0$ [1969]. $\ddot{x} + f(x)\dot{x} + g(x) = 0$ [2044]. $\ddot{x} + f(x)\dot{x} + g(x) = 0$ [1983]. δ [135]. $\Delta(3n^2)$ [1094]. $\Delta(6n^2)$ [1746]. E_6 [36, 1312, 294, 1220]. E_7 [392, 1220]. E_8 [803, 1098]. $E_{\tau, \eta}(A_2^{(2)})$ [1299]. ϵ [250]. F [462]. $F_L(\eta, \rho)$ [572]. $G(2)$ [431]. G_2 [337, 345, 389]. γ [1747]. $g \geq 2$ [1786]. $GL(2, \mathbf{F}_q)$ [1297]. $gl(2|2)$ [35]. $GL(M, \mathbf{C})$ [1520]. $gl(m|n)_k$ [1038]. $GL_{q,j}(1|1)$ [1364]. H [689, 387]. $H^*(\mathbf{T}^2, \mathbf{R})$ [1238]. $H^{1/2}$ [1718]. H^2 [180, 441, 440, 2070]. H_n [280]. $\hat{\mathbf{R}}(\theta)$ [257]. $\hat{\mathbf{s}}l_n$ [1026]. $\hat{\mathbf{s}}u_n$ [1026]. \hat{o}_N [842]. $ISL(n, R)$ [252]. j [1258, 1521]. K [2040, 1718, 219, 269, 455, 181]. $K(m, n)$ [2179]. κ [1006, 1191, 635, 2041, 1925, 1128]. KP [1966]. L [258]. L^2 [68, 947]. L^p [338, 1630, 1246]. L_2 [463]. L_p [728, 109, 212]. Λ [1649]. $\lambda\phi^4$ [19]. $\ln \tan$ [1603]. $M + \lambda D$ [1664]. M/W [1135]. $\mathbf{C}^n/\mathbf{Z}_m$ [1765]. \mathbf{CP}^1 [2029]. \mathbf{CP}^n [2163]. \mathbf{R} [1537]. \mathbf{R}^{1+n} [1153]. \mathbf{R}^{2+n} [668, 488]. \mathbf{R}^{2D} [474]. \mathbf{R}^3 [1279, 1376, 1652, 382, 912]. \mathbf{R}^4 [72]. \mathbf{s}_m [955]. \mathbf{Z} [2071]. \mathbf{Z}_2 [875]. $\lceil (\epsilon)$ [625]. $\} \downarrow (\infty \setminus \setminus)$ [1545]. $\} \uparrow \in$ [380]. $\} \downarrow (\ni)$ [536]. $\} \downarrow (\nabla)$ [536]. $\} \downarrow (\ni)$ [1549]. μ [571, 538]. N [854, 1349, 1875, 764, 1910, 788, 69, 1590, 1540, 376, 873, 413, 1144, 1033, 1896, 1995, 216, 23, 1665, 1064, 1696, 1290, 365, 609, 1408, 2086, 2054]. $N + 1$ [376]. $N = 1$ [404, 1029]. $N = 2$ [983, 1968, 1708, 806]. $N = 3$ [471]. $N = 6$ [1976, 391, 501]. NK [1149, 1857]. ν [1580]. $O(1)$ [1621]. $o(4, \mathbf{C})$ [1178]. $O(5)$ [204]. $O(p, q)$ [1893]. $O(\epsilon^2)$ [676]. O^* [1494]. O_2 [1439, 1709, 295, 1636, 1805, 1902]. O_∞ [1185, 1805]. $OSp_q(1/2)$ [397, 855]. p [1321, 1977, 1850, 109, 212, 479]. p, q [1476]. Φ^4 [1447, 755, 871]. ϕ^6 [1517]. PT [367, 63, 221, 2147, 253]. Q [855, 1150, 985, 258, 1198, 1926, 493, 269, 923, 809, 715, 466, 231]. $q > 1$ [1150]. Q^n [1705]. R [1328, 1363, 1220, 134, 1956, 1514, 564, 1267, 924, 1808]. R^2 [2070]. R^4 [275]. R^{N^2-1} [1266]. S [842, 627, 602, 1971, 1144]. $S^{1|2}$ [1217]. S^2 [180, 441, 1254, 440]. $S^2 \rightarrow CP^{N-1}$ [1266]. $S^3 \times \mathbf{R}$ [27]. S_3 [471]. S_n [2022]. σ [278, 1852]. $\sigma(M)$ [1664]. $sl(2)$ [986, 1182]. $SL(2, \mathbf{F}_q)$ [1297]. $sl(2, \mathbf{R})$ [926]. $sl(3)$ [986]. $sl(4, \mathbf{C})$ [1178]. $sl(p^2, \mathbf{C})$ [497]. $SO(10)$ [92]. $so(2, 1)$ [798, 6, 104]. $SO(3)$ [988]. $SO_0(1, d + 1)$ [566]. $Sp(1)$ [1948]. $sp(4, \mathbf{C})$ [1178]. $\sqrt{-\Delta + m^2} - m$ [559]. $SU(1, 1)$ [408, 1667, 1867]. $SU(2)$ [371, 1958, 292, 1148, 1811, 1198]. $SU(2) \times SU(2)$ [204]. $SU(2^N)$ [310]. $SU(3)$ [1884, 814, 266, 988, 431]. $SU(3)/SU(2)$ [814]. $SU(N)$ [599, 1854, 101, 374, 399]. $su_q(1, 1)$ [759]. $SU_q(3)$ [698]. T [855, 1380, 1848, 1896]. $T^*\mathbf{T}^n$ [681]. T^2 [1133]. $t_{1x} = t + x + d(t, t_1)$ [2053]. τ [734, 1751, 1026, 1966]. $U(1)$ [917]. $U(2\Omega) \supset U(\Omega) \supset \otimes SU(2)$ [1022]. $U(3)$ [2046, 600]. $U(8) \supset O(8) \supset SU(3)$ [663]. $U(N)$ [1557, 141]. $U_q(D_4^{(3)})$ [984]. $U_q(gl(1|1))$ [485]. $U_q(so_3)$ [466]. $U_q(so_5)$ [466]. $U_{q,p}(\hat{\} \downarrow_2)_k$ [1451]. $U_q[osp(m|n)]$ [459]. $U_qsu(n, n)$ [231]. ϑ [665]. W [771, 602, 1555, 1659, 1856, 2032]. $W(2, 2)$ [1659]. $W(2, 2p - 1)$ [1096]. W/M [812, 1790]. $W_{1+\infty}$ [1304]. XY [1678]. $Y(\} \downarrow (\setminus))$ [1740]. $y^2 = x^5 - x$ [2082]. Z [175]. Z^3 [1364]. $|x| + |z|$ [247].

-1 [1850]. **-2-Hahn** [1926]. **-algebra** [1476, 258, 1659, 565]. **-algebraic**

[1213]. **-algebras** [1665, 2133, 1404, 1474, 1494, 771, 1761]. **-analog** [985].
-analysis [923]. **-ary** [1995]. **-Barut** [1867]. **-body** [2054, 1875, 1910, 413].
-brane [749]. **-branes** [479, 1130]. **-compact** [947]. **-component** [269].
-cosymplectic [455]. **-cycle** [2160]. **-deformed**
[571, 1198, 269, 1925, 466, 538]. **-dependent** [1191]. **-designs** [1082].
-differential [231]. **-dimensional** [1896, 2148, 888, 23, 1850, 1222, 1064,
1242, 753, 640, 822, 1547, 1101, 608, 764, 1565, 787]. **-dynamo** [253].
-electron [219]. **-entropies** [1150]. **-equivalence** [1408]. **-expansion**
[1741, 1971, 1724]. **-extended** [1856]. **-flat** [369]. **-functional** [1026].
-functions [734, 665]. **-graded** [1364, 2071]. **-group** [1977]. **-Hermite** [658].
-integrable [1144]. **-invariant** [1893]. **-Jacobi** [855]. **-Kauffman**
[1149, 1857]. **-KdV** [899, 549]. **-Kepler** [1621, 1948]. **-Laguerre** [658]. **-level**
[2086, 1682]. [?]LiebRybkin:2005:SCL. **-manifolds** [376]. **-matrices**
[1956, 564, 1267, 924, 1808, 627, 1363, 1220, 134]. **-matrix** [1514, 855].
-metrics [1204]. **-Minkowski** [1006, 635, 2041]. **-model** [1852]. **-models**
[759]. **-modules** [1413, 1641]. **-norm** [1269]. **-norms** [1321, 109, 212].
-orthogonal [466, 1815]. **-oscillator** [493, 1476]. **-plurality** [1380, 1848].
-point [897, 1290, 609]. **-property** [250]. **-quaternions** [1198]. **-qubit**
[216, 365]. **-separable** [1328]. **-shape** [1135]. **-shape-peaks** [1790, 812].
-soliton [854, 788]. **-space** [1357, 2070]. **-spectral** [68]. **-sphere** [1357].
-spheres [403]. **-stars** [809]. **-state** [1590]. **-structures** [1811].
-subalgebras [1789]. **-surfaces** [1011]. **-symbols** [1521]. **-symmetric**
[253, 917, 367, 221, 2147]. **-symplectic** [181]. **-system** [2105]. **-ternary**
[795, 1525]. **-theorem** [689, 387]. **-topology** [1896]. **-type** [135]. **-uniform**
[1630]. **-vector** [941]. **-vortex** [1349]. **-wave** [1144].

16th [1690].

43 [211, 2208, 37]. **44** [1330, 934]. **45** [1609, 263, 38, 104]. **46**
[2206, 441, 302, 2212, 212, 568, 2095, 301, 467, 347, 1117, 501, 440]. **47**
[628, 630, 860, 2141, 1236, 900, 668, 1790, 1116, 1227, 2213, 1118, 629, 1157, 899].
48 [2216, 1498, 2196, 1499, 1415, 987, 2215, 1365, 1608, 1329, 1414, 961]. **49**
[1588, 2195, 1566, 1456, 2214, 1758, 1834, 1940, 2202].

50 [2201, 2197, 2203, 2210, 2207, 2096, 2209, 2205, 2217, 2211, 2204, 2198,
2097, 1907, 2200, 1941].

80 [2199].

ABACUS [2028]. **Abelian**
[513, 272, 173, 1871, 1392, 2182, 748, 856, 1463, 1303, 545, 477, 450, 667, 2151].
Ablowitz [2171, 1523]. **Absence** [632, 403]. **Absolute** [1761, 1031].
Absolutely [1662]. **absorption** [1371, 1544]. **Abstract** [1890, 126, 1985].
accelerated [379]. **acceleration** [1325, 525]. **acceleration-dependent**

[525]. **accuracy** [2035]. **acoustic** [1901, 1728]. **acoustics** [653, 587]. **acting** [1300, 1378]. **action** [2039, 1426, 662, 948, 2038, 1658, 143, 553, 2217, 72, 365, 1834, 450, 621]. **action-angle** [948]. **actionlike** [1493]. **actions** [1424, 686, 1623]. **active** [989]. **activity** [1511]. **actualization** [2089]. **added** [1759]. **Addendum** [467, 1414]. **addition** [1123]. **Additivity** [1617, 1073, 563]. **ADHMN** [923]. **Adiabatic** [2035, 186, 1196, 265, 743]. **Adiabatically** [1616]. **adjacent** [583]. **adjoint** [1599, 852, 897, 1252]. **adjointness** [770, 1234, 1553]. **Adler** [905, 1441]. **admitting** [2085]. **AdS** [326]. **advection** [1067]. **aeroengine** [1057]. **affgebroids** [1156]. **affine** [736, 2158, 1527, 910]. **against** [1857]. **Aharonov** [186, 1015, 2150, 1421, 573, 1335, 999, 680]. **AKNS** [94]. **al** [2198]. **al.** [2150]. **algebra** [1821, 1439, 1432, 798, 389, 1895, 276, 1364, 1424, 258, 697, 1451, 197, 1481, 625, 1977, 1177, 1667, 2029, 1606, 495, 1998, 698, 932, 1900, 1971, 1773, 535, 295, 1185, 1636, 1902, 101, 1022, 344, 1659, 1316, 609, 834, 1304, 392, 294, 534, 391, 501, 1865, 1476, 1624, 565, 1815, 6, 104, 638]. **Algebraic** [46, 162, 1299, 1074, 1213, 238, 1136, 1604, 283, 1949, 1782, 1003, 1737, 1264, 1389, 651, 252, 924, 1808, 1924]. **Algebras** [1329, 736, 1096, 955, 1474, 1995, 2131, 1494, 624, 771, 2099, 848, 797, 1132, 1524, 1725, 2193, 1572, 1261, 289, 1527, 706, 794, 194, 1816, 1025, 1550, 1665, 2133, 498, 1297, 983, 1761, 1182, 1931, 2104, 439, 1900, 1845, 1404, 1555, 856, 339, 1250, 1363, 228, 1484, 620, 1220, 881, 1693, 2016, 2076, 1027, 122, 341, 859, 256, 1904, 1754, 432, 795, 2198, 2136, 1237, 1336, 1525, 813, 466, 1830, 667, 1267, 88, 979, 1477, 2189, 77, 1401, 288, 741, 638]. **algebra** [1747, 80]. **algebra-geometric** [1747, 80]. **algebroids** [761]. **algorithm** [1817, 2028, 310, 398, 1827]. **Algorithmic** [464]. **aligned** [807]. **alloy** [1164]. **alloy-type** [1164]. **almost** [1173, 152, 274, 1396, 1950, 931, 1293]. **almost-commutative** [1396, 1950, 931]. **almost-symplectic** [1173]. **alphabetic** [2189]. **Alternative** [108]. **alternatives** [940]. **ambiguity** [1463]. **among** [737]. **amplitude** [2109, 959, 1285, 1561, 154, 747]. **amplitudes** [1009, 1506, 2146, 223, 1723]. **analog** [985, 1507, 1521, 824, 1304, 671, 1575]. **analogical** [1687]. **analogs** [1607]. **Analysis** [2148, 2059, 9, 197, 1365, 1578, 2122, 517, 571, 1109, 196, 786, 2109, 1516, 1676, 508, 245, 649, 68, 164, 579, 914, 1100, 29, 1154, 1058, 2139, 1412, 1319, 1187, 923, 716, 26, 644, 1915, 8, 38, 538, 774, 746, 1157, 1101, 1044]. **Analytic** [705, 445, 158, 378, 408, 639, 1626, 996, 220, 1226, 980, 568, 120, 960, 83]. **Analytical** [1860, 343, 1054, 549, 2160, 1069, 1653, 1758, 899, 1988, 1393, 520, 1447, 711, 155]. **Analyticity** [1087, 747, 2159, 1290]. **analyzing** [1821]. **Anatomy** [1171]. **and/or** [448]. **Anderson** [973, 963]. **angle** [948]. **angles** [599, 337]. **Angular** [2116, 24, 1190, 606]. **anharmonic** [1661, 965, 42]. **Anisotropic** [1649, 1914, 282, 1594, 2000, 1785, 1581, 1840]. **annealing** [1680]. **annihilation** [895, 765]. **annihilation-creation** [765]. **Announcement** [1691, 1759, 1692, 1305, 1610, 1643, 1690, 2142]. **annular** [1147]. **Anomalous** [1990, 2184, 1541]. **Anomaly** [710, 642]. **Anomaly-free**

[710]. **Anosov** [1087]. **ansatz** [2026, 1262, 626, 1299, 924, 1808, 140]. **Anti** [1179, 1552, 1454, 752, 1504]. **anti-commuting** [1504]. **anti-de** [752]. **anti-Poisson** [1454]. **antibracket** [1532]. **anticommutation** [1237]. **antifield** [400, 1409]. **antimonopole** [313]. **antiparticle** [517]. **antisymmetric** [1698]. **antisymplectic** [1964, 857]. **antithesis** [7, 1609]. **any** [1526, 1232, 480, 1128, 915]. **Anyons** [561]. **aperture** [685]. **appearances** [208]. **appearing** [2091]. **Appell** [1296]. **Application** [719, 367, 1040, 980, 1675, 1025, 1658, 80, 684, 839, 388, 2126, 91, 850, 1331, 67]. **Applications** [1934, 1460, 1324, 1226, 1194, 468, 87, 1817, 703, 1992, 1196, 2132, 1319, 1405, 2167, 1890, 1224, 1826, 2189, 1401, 774, 2118, 1579, 2194]. **applied** [167, 559]. **Approach** [1667, 1213, 1194, 791, 233, 2092, 1518, 464, 1349, 537, 1438, 28, 1949, 2026, 1881, 811, 1823, 120, 1544, 707, 228, 1887, 910, 336, 187, 1231, 1433, 181, 370, 98, 446, 746, 1157]. **approaches** [1845, 121, 1441]. **Approximate** [1600, 2198, 1525, 919, 1830, 58, 849, 1128]. **approximating** [306]. **Approximating** [1372, 2027]. **Approximation** [1628, 490, 1619, 1607, 941, 1105, 1578, 443, 1196, 2035, 393, 963, 415, 2143, 1803, 1495, 1205]. **approximations** [356]. **arbitrary** [1847, 1146, 1748, 482, 629, 2161, 699, 150]. **Areal** [1133]. **arguments** [1748, 882]. **arising** [1375, 2008, 1579, 1603, 1788, 1636, 1882, 2200]. **Arnol'd** [2057]. **array** [954]. **arrival** [829, 1331, 1333]. **arrows** [1489]. **ary** [1995]. **Askey** [262]. **Aspects** [258, 1669, 1593, 1079, 159]. **associated** [1032, 841, 1375, 955, 186, 1400, 1942, 790, 333, 1641, 1900, 2071, 510, 923, 147, 534, 870, 88, 429, 979, 1864, 2077, 984, 1928]. **association** [1542]. **asymmetric** [189, 1634, 138, 1582, 974, 2018]. **Asymptotic** [2109, 1137, 641, 1214, 526, 385, 68, 1611, 51, 1058, 1573, 1533, 1175, 2137, 1581, 1954, 2050, 2186, 1837, 131, 237, 896, 1787, 2019, 1546, 1483, 1940]. **asymptotically** [515, 1133, 515]. **Asymptotics** [230, 816, 1195, 156, 1938, 57, 168]. **Atlas** [1139]. **atmospheric** [283, 730]. **atom** [125, 508, 543, 271, 1039, 763, 507]. **atomic** [1501, 1367, 1613, 817, 6, 104, 91]. **Atomistic** [1477]. **atoms** [1314, 264, 540, 1167, 175, 6, 104]. **attachment** [1245]. **attractive** [2031]. **attractor** [1049, 1982, 1630, 1800]. **Attractors** [2049, 682, 730, 618, 947]. **attribution** [1681]. **Auger** [484]. **August** [1690]. **author** [1691]. **authorship** [1681]. **automata** [1934, 1647]. **automaton** [1511, 1920, 517, 984]. **automorphic** [1580]. **Automorphisms** [773, 1815, 564]. **autonomous** [1638]. **auxiliary** [1792]. **available** [1691]. **average** [1854, 1818, 1941]. **averaged** [1980]. **averages** [896]. **averaging** [125, 1360]. **axial** [656, 1227]. **axial-to-planar** [656, 1227]. **axioms** [1906]. **axisymmetric** [1343, 1053].

B [1252]. **B-quadrilateral** [1252]. **background** [417, 1703, 1166, 1498]. **backgrounds** [2084]. **Bäcklund** [1222, 1729]. **backscattering** [1160]. **Baker** [1817]. **balance** [884, 584]. **Balanced** [1811]. **Balian** [820]. **ball** [52, 626, 120]. **Banach** [2198, 1830]. **band** [308, 633]. **bandwidth** [1717].

Bardeen [905, 1808]. **bare** [124]. **Bargmann** [571, 538, 640]. **barotropic** [2165, 587, 1072]. **Barrett** [516]. **barrier** [352, 2030]. **barriers** [1961, 1235, 699]. **bars** [1121]. **Barut** [1415, 1233, 1867]. **Baryon** [907]. **baryons** [698]. **base** [1023, 984]. **based** [1496, 470, 1773, 408, 2107, 1288, 1682, 1266]. **bases** [44, 993, 1794, 820, 439, 1082, 1699]. **Basic** [389, 801, 2058, 429, 1169, 2118]. **basis** [2020, 904, 817, 536]. **Bavand** [2198]. **Baxter** [794, 2003, 1852, 724]. **Baxterisation** [929]. **Bayesian** [824]. **be** [7, 1609, 1332]. **beam** [1131, 1933]. **beams** [1281]. **bearing** [1339]. **Becchi** [1132, 1555]. **behavior** [19, 1214, 1133, 1054, 1286, 1984, 234, 2137, 175, 1807, 873, 507, 879]. **Beilinson** [2151]. **being** [864]. **Bell** [1973, 796, 336, 224, 1306, 1083]. **Bell-type** [796]. **Beltrami** [323]. **belts** [2124]. **Bénard** [84]. **bending** [1785]. **Benenti** [552, 1001]. **Benjamin** [1718, 788]. **Benney** [1114]. **Berezin** [1028, 1528]. **Bernoulli** [268]. **Berry** [2003, 265, 1864]. **Bertotti** [1466]. **Bessel** [1109, 2181, 1326, 149]. **Best** [215]. **Bethe** [2026, 626, 1299, 140, 924, 1808]. **between** [1321, 468, 196, 1853, 1792, 1671, 253, 1793, 626, 347, 335, 121, 2152, 795, 437, 1525, 1441, 2103, 1278, 1023, 1928, 1903]. **beyond** [1995, 597, 1801, 1306]. **BGK** [1246]. **Bi** [1593, 1209, 1962, 1828, 533, 1747]. **Bi-Hamiltonian** [1593, 1962, 1828, 533, 1747]. **Bi-invariant** [1209]. **bialgebra** [1998]. **Bianchi** [1386, 773, 581, 284, 520, 1904]. **bias** [1616]. **bidimensional** [695]. **bidimensionally** [854]. **Bifurcation** [29, 359, 877, 1071, 358]. **Bifurcations** [210]. **Bilinear** [1411, 1633]. **binary** [1875, 1149]. **binding** [444]. **Biorthogonal** [1163, 1165]. **Biorthonormal** [1654]. **bipartite** [1417, 442, 708, 826]. **bipartite** [215]. **Birational** [1720]. **Birkhoff** [681, 659, 281]. **Birman** [559]. **birth** [2072]. **bisection** [1689]. **bistable** [1656, 871]. **bistochastic** [1683]. **bisymplectic** [320]. **bivaluations** [509]. **bivectors** [630, 551]. **BKP** [777, 1265]. **black** [1134, 1703, 1426, 1871, 1202, 1768, 768, 1429, 1170, 479, 579, 1574, 2217, 1979, 1834, 1169, 808]. **blackhole** [378]. **Blasius** [568, 83]. **blob** [1111]. **Bloch** [145, 1412]. **Block** [660, 1794, 839]. **Block-circulant** [1794]. **Block-diagonalizability** [660]. **blocks** [1794]. **Blow** [1778, 296, 1410, 1043, 1836, 489, 2070, 1780, 1715, 1652, 1502, 1053, 1660]. **Blow-up** [1778, 489, 2070, 1780, 1715, 1652, 1502, 1053, 1660]. **Blowup** [1997]. **bodies** [885, 930, 1224]. **body** [351, 384, 959, 776, 519, 402, 1651, 1501, 838, 878, 1875, 157, 1984, 1910, 2035, 1855, 930, 1224, 1723, 763, 413, 1034, 2054]. **Bogoliubov** [901, 121]. **Bogolubov** [2031]. **Bogomolnyi** [2096, 1937]. **Bohm** [186, 1015, 2150, 1421, 573, 1335, 999, 680]. **Bohr** [508, 1367]. **Boltzmann** [1633, 783, 247, 190, 1243, 2062, 721, 1093, 619]. **bombardments** [1066]. **Bondi** [51]. **Boolean** [2075, 1857]. **Borcherds** [920]. **Borel** [240, 682, 1447]. **Born** [1574, 127, 386, 379, 229, 942, 393]. **Bose** [1213, 87, 866, 1959, 1908, 965, 1188, 1563, 1773, 1356, 2033, 1187, 227, 544, 324, 844]. **boson** [1733, 1615, 2195, 1185, 336, 1437, 1772]. **Bosonic**

[1781, 1362, 277, 722, 895, 16, 166, 226, 1923, 106, 1795]. **bosons**
 [1825, 1884, 1009, 1636, 1902, 72, 782]. **bottom** [1568]. **Bound**
 [1039, 798, 460, 916, 1283, 469, 407, 45, 1306, 2097]. **boundaries**
 [478, 353, 1879, 2011, 5, 263]. **Boundary**
 [2131, 329, 1802, 1993, 1380, 226, 986, 886, 1515, 1206, 568, 891, 2129, 674,
 900, 1285, 132, 378, 33, 1545, 1445, 123, 1067, 83, 1483, 1940, 1728, 666, 57,
 312, 85, 2062, 690, 721, 1093, 2012, 922, 2050]. **boundary-boundary** [85].
Boundary-layer [1802]. **Bounded**
 [895, 351, 1126, 797, 1337, 2120, 2149, 323, 1298, 1564, 2007, 1806].
Boundedness [283]. **Bounds**
 [1196, 309, 107, 363, 843, 1049, 1181, 510, 904, 1472, 747, 2097, 1907, 1796].
Boussinesq [1586, 1071, 1600, 1783]. **Boussinesq-like** [1783]. **Bowen**
 [1087]. **box** [768, 1125, 52, 626]. **box-ball** [52, 626]. **BPS** [1029, 1573]. **bra**
 [506]. **bra-ket** [506]. **brackets** [1352, 1492, 523, 790, 133, 491, 858]. **braid**
 [1218, 1032, 258, 257]. **braided** [2124, 1262]. **braids** [2124]. **branch** [1875].
branched [1161]. **branches** [1615, 2195, 1664]. **Branching** [1439]. **brane**
 [749, 1648, 1538]. **brane-induced** [1648]. **branes**
 [1130, 1086, 1591, 479, 1574, 1084, 1765, 317]. **Brans** [1574]. **break** [1520].
Breakdown [381, 349]. **breaking** [971, 227, 544, 1075]. **Breather**
 [1727, 2015]. **breathers** [2114]. **Bregman** [2199, 2119]. **Bright** [1563].
Bright-matter [1563]. **broken** [729]. **brought** [267]. **Brownian**
 [1918, 1656, 90, 1175, 1654, 1104]. **BRST** [207, 371, 251, 273, 597]. **Bryant**
 [1548]. **Bryuno** [682]. **building** [36, 92]. **built** [623]. **Bulk** [1938]. **bumps**
 [1714]. **bundle** [417, 1257, 265]. **bundles** [1732, 1041]. **Bures** [862, 1996].
Burgers [155, 146, 1905]. **Burnett** [550, 1486]. **Burnside** [2082]. **Büttiker**
 [110, 1616, 952].

caged [1594]. **Calabi** [1130, 1381, 1763]. **Calculating** [1542]. **calculation**
 [1633, 62, 1773, 727, 639, 572, 91]. **calculations** [1368]. **calculi** [723, 1107].
Calculus [1745, 791, 530, 950, 198, 1481, 2156, 823, 1247]. **Caldirola** [1711].
Calogero [1118, 1956, 93, 502, 1855, 392, 294, 480, 762, 241, 471]. **calorons**
 [1142]. **Camassa** [136, 61, 1747, 1715, 1410, 1708, 489, 735, 462]. **Campbell**
 [1817]. **can** [1332]. **Canonical**
 [862, 1914, 770, 1180, 1749, 266, 216, 2061, 994, 511, 420, 1074, 2136, 1237, 146].
Cantor [521]. **capability** [1759]. **capacity** [1159, 1945]. **Caputo** [1584].
CAR [295, 95]. **Carlo** [398]. **carrying** [1505]. **Cartan**
 [1732, 2193, 723, 59, 310, 251, 244, 1888, 288]. **Cartesian** [111]. **cartography**
 [773]. **case** [902, 816, 964, 1522, 1281, 773, 1794, 1960, 1170, 21, 467, 64, 1066,
 1441, 2151, 1034, 107, 570]. **cases** [987, 887, 215, 1983]. **Casimir**
 [48, 47, 459, 547, 1127, 1199, 364, 252]. **Categories** [1041, 986, 1490].
category [404]. **Cauchy**
 [2008, 897, 171, 1212, 577, 1531, 616, 434, 86, 1114, 1663, 1246]. **Causal**
 [453, 233, 270, 454, 679, 945, 1951]. **causality** [747]. **caustic** [1799]. **caustics**
 [1978]. **cavity** [48, 47, 1676]. **Cayley** [882, 297]. **cells** [583]. **cellular**

[1511, 1920, 1647, 517, 984]. **center** [1628]. **centers** [1841]. **Central** [1143, 180, 441, 1469, 1683, 440, 2089, 76, 1532, 787, 2054]. **central-extended** [2089]. **centralizer** [1220]. **centralizers** [929]. **Certain** [562, 1283, 1069, 2093, 1865, 1411, 1476, 1278, 1467, 1862]. **chain** [842, 1596, 1719, 1283, 1377, 2023, 1779]. **chains** [790, 1020, 1534, 1627, 2053, 2163, 1545, 858, 564, 1267]. **Chandra** [1316]. **Chandrasekhar** [24]. **Changes** [267, 1857]. **changing** [547]. **channel** [1159]. **channeling** [656, 1227]. **channels** [864, 218, 1614, 109, 212, 469, 40, 1269, 1945, 305, 1617]. **chaos** [716]. **Chaotic** [2164, 1984, 1348, 381, 684, 839]. **Character** [643, 1528, 872, 1562, 1221]. **characteristic** [1862]. **characteristics** [994, 1928]. **Characterization** [1461, 914, 2128, 634, 779, 1791, 807, 1844]. **characters** [1691, 392]. **Charge** [74, 1432, 1132, 269, 1505]. **Charged** [1131, 353, 1984]. **charges** [749, 160, 2115]. **Charging** [178]. **Charney** [342]. **Chern** [770, 124, 803, 117, 1952, 20, 1214, 925, 451, 2011, 450, 1889]. **Chernoff** [1283]. **Chetaev** [950]. **Chinese** [1691]. **chiral** [174, 1327, 771, 242, 1029, 1720, 1075]. **chord** [217, 1023]. **Christoffel** [1773]. **chromodynamics** [1535, 1425]. **Chua** [1626]. **circuits** [1008]. **circulant** [1794, 839]. **circular** [1393, 1922, 2116, 604]. **circulation** [283]. **CKP** [1265, 1605]. **Clarification** [1957]. **Class** [1608, 1584, 842, 1568, 1087, 1143, 1474, 2186, 272, 1454, 1137, 552, 1241, 1468, 130, 258, 1917, 139, 1036, 1100, 1776, 120, 676, 2048, 1115, 2093, 1053, 26, 762, 1118, 1872, 1707, 1862, 1482, 1397, 1800]. **classes** [955]. **Classical** [1620, 351, 1132, 1992, 1705, 1329, 430, 1612, 1061, 1015, 971, 1317, 589, 103, 2164, 28, 1512, 56, 1320, 1631, 1880, 1208, 199, 200, 394, 603, 896, 881, 655, 1945, 181, 480, 1278, 446, 564, 1808, 88, 429, 763, 1369, 2069, 1401, 2178, 992, 1174]. **classical-quantum** [1945]. **Classification** [893, 1499, 1847, 790, 983, 1659, 1590, 655, 979, 1370, 1328, 695, 585, 1627, 1776, 152, 274, 1396, 1950, 603, 1979, 184, 1904, 858, 88, 429]. **Clausen** [1448]. **Clean** [311]. **Clebsch** [36, 663, 392, 2118]. **Clifford** [163, 1307, 848, 1895, 803, 1647, 2189, 761, 853]. **clique** [591]. **clockwork** [1367, 1613]. **cloning** [304, 2036]. **Closed** [2091, 982, 664, 236, 535, 71, 319]. **Closed-form** [2091, 982, 71]. **closest** [1030]. **closures** [1067]. **cluster** [1655, 2116, 1890, 817, 185, 413]. **clusters** [55, 286, 1855]. **co** [1732]. **coarse** [369]. **coat** [1291]. **cocycles** [1641]. **codes** [1786, 992, 1827]. **Codeword** [1827]. **codimension** [1978, 813]. **codimensions** [704]. **coefficient** [683, 1100, 1536, 2126]. **coefficients** [36, 550, 1486, 115, 566, 663, 1026, 1123]. **coframe** [21]. **coherence** [222, 953]. **Coherency** [1867]. **Coherent** [700, 1849, 1, 211, 1298, 2208, 208, 722, 1375, 980, 938, 1189, 1233, 1334, 1415, 1456, 1180, 941, 847, 443, 512, 408, 1064, 269, 1348, 1066, 361, 1230, 114, 509, 870, 1160, 447, 536, 828, 1274]. **coherent-state** [938, 1189]. **cohomology** [90, 2151]. **coin** [2148]. **Coleman** [698]. **collapse** [1429, 1702, 1315]. **Collective** [1875, 40]. **Colliding** [479]. **Collinear** [2054]. **collineations** [1201]. **collision** [846]. **collisions** [1875, 701]. **Colombeau** [1631]. **color**

[1692, 277]. **color-flavor** [277]. **colored** [2061]. **coloring** [1158]. **column** [18]. **Combinatorial** [336, 87, 166, 2006, 446, 2024]. **Combinatorics** [609]. **Comment** [2201, 2216, 1498, 441, 2196, 2197, 1415, 1236, 1831, 2209, 568, 2095, 2217, 1790, 1116, 2198, 2208, 440, 2202, 1157, 899, 2097, 1907]. **Comments** [1456, 2217, 1834]. **communication** [446]. **Commutation** [259, 2136]. **commutative** [864, 634, 2029, 152, 274, 1396, 1950, 931, 822]. **commutators** [230]. **commute** [265]. **Commuting** [179, 341, 1345, 1504, 1928]. **Compact** [2040, 1786, 1522, 289, 1463, 1046, 592, 947]. **compactification** [131, 1099]. **compactifications** [151]. **compactified** [19, 1993]. **comparative** [1964]. **Comparing** [299, 1457]. **Compatible** [491]. **compendious** [1697]. **competing** [882]. **Complementary** [867, 157]. **Complete** [245, 2053, 2147, 163, 1947, 306, 79, 1076, 35, 1980]. **complete-positive** [163]. **completely** [948, 1761, 1378]. **Completeness** [2020, 2079, 1787, 1339]. **completion** [679]. **Complex** [1112, 633, 1861, 400, 630, 551, 893, 1499, 1939, 1248, 68, 1041, 1264, 1982, 1976, 1700, 1319, 347, 335, 1623, 1082, 970, 1249]. **complexified** [2001]. **complexity** [1895, 2194]. **component** [649, 648, 2139, 1455, 1042, 269, 2033, 390, 735, 1899, 2180]. **composition** [852]. **compound** [119]. **compressible** [2059, 1771, 1455, 1353, 2174]. **compression** [1449]. **Computation** [2061, 847, 1196, 2035, 159, 39, 1318, 2142]. **computational** [1895]. **computations** [1052]. **Computing** [1709, 1817, 1642]. **concentrated** [1059]. **concentration** [1684]. **concentric** [604]. **concomitants** [630, 551]. **Concurrence** [1193]. **concurring** [1797]. **condensate** [1214, 1563, 1356, 227, 544]. **condensates** [965, 1188, 2033]. **condensation** [225, 1187, 324]. **condensed** [1449]. **condition** [682, 674, 900, 33, 2012]. **Conditional** [1222, 147, 1822, 58]. **Conditioning** [1842]. **Conditions** [109, 212, 1380, 1516, 226, 1127, 23, 160, 891, 1545, 123, 1510, 2152, 1067, 32, 1728, 666, 2, 37, 312, 690, 922]. **conduction** [951, 1775, 1446]. **conductivity** [1935]. **conductors** [2000]. **cone** [2021]. **Cones** [1911]. **configuration** [797, 1390, 1228, 165]. **Configurational** [182]. **configurations** [1469, 2054]. **Confined** [1760, 2100, 1284]. **confinement** [355, 1535]. **confluent** [1526, 1585, 2177, 2207, 428]. **Conformal** [128, 2092, 602, 646, 986, 643, 23, 1251, 2215, 1277, 1099, 2107, 2106, 1005, 1027, 227, 544, 1754]. **conformally** [49, 130, 199, 200, 394, 603, 758, 1300]. **confusion** [805]. **Congress** [1690]. **conical** [48]. **conjecture** [1068, 456, 1310, 2093, 1169, 463]. **conjugacy** [955]. **conjugate** [2183]. **Conley** [850]. **connected** [1655]. **Connection** [1278, 1515, 699, 1853]. **connections** [2157, 2188, 369, 461, 455, 1857]. **connectivity** [1245]. **Connes** [276]. **consequence** [316, 913, 1480]. **consequences** [2089]. **Conservation** [943, 1047, 404, 877, 299, 1989, 1044, 1365, 179, 1105, 1640, 142]. **conservative** [981, 1139]. **conserved** [52, 626, 2162, 1877]. **considerations** [1457]. **Consistent** [78, 28, 1891, 1601, 1026, 1368]. **constant** [145, 180, 441, 1390, 1713, 1133, 1935, 632, 1286, 504, 1993, 1587, 1336, 440, 2077, 966, 2068].

constants [195, 751, 1037, 91]. **Constitutive** [2000]. **Constrained** [418, 950, 586, 28, 1987, 1265]. **constraint** [1686]. **Constraints** [442, 734, 272, 315, 1454, 1018, 670, 1044, 1365, 1742, 1138, 1065, 422, 720, 1433]. **Constructing** [148, 1241, 323]. **Construction** [1032, 327, 114, 817, 462, 29, 1076, 923, 35]. **constructions** [1073]. **constructive** [310]. **contact** [1903]. **Contextual** [10, 223]. **Continuity** [363, 1460, 1761]. **Continuous** [238, 205, 301, 1685, 1552, 518, 628, 1078, 1926, 1577, 448, 1694, 1662, 403, 390, 204, 431, 601, 1120, 754]. **continuous-time** [1078, 1120]. **continuum** [16, 815, 945, 369, 187, 367, 2056, 1016]. **contour** [408, 882]. **contours** [188]. **Contraction** [729, 205, 301]. **Contractions** [859, 1401, 278, 1527]. **Contractivity** [728]. **contrast** [1486]. **contributions** [1448]. **Control** [159, 67, 1338, 684, 839, 158, 2025, 716, 39, 447, 1259, 743]. **controllability** [158]. **controlled** [1232, 657]. **controlled-NOT** [1232]. **convection** [1058, 84, 142]. **convection-diffusion** [1058]. **conventional** [2073]. **Convergence** [1161, 1558, 2174, 1321, 1655, 1652, 1755, 904, 248]. **converging** [1516]. **conversion** [272, 1454]. **convex** [1280, 2093]. **convexity** [1556]. **convolution** [1291]. **convolutions** [1646]. **Cooper** [1808]. **coordinates** [1866, 1191, 860, 647, 948, 994]. **core** [701, 1019]. **correction** [1913, 992, 40]. **corrections** [385, 1152, 1288]. **Correlated** [1416, 1283, 1377]. **Correlation** [2028, 1471, 1991, 2090, 801, 1644, 1290, 560, 85, 485, 1803]. **correlations** [1244, 951, 917, 782, 185]. **correspondence** [1367, 1613, 626, 1074, 1441]. **corresponding** [257, 1179, 288]. **coset** [862]. **cosine** [204, 431]. **cosmic** [1239]. **cosmological** [1386, 1133, 1917, 649, 648, 1344, 1587, 1649, 8, 38, 1980]. **cosmologies** [773, 581, 318]. **cost** [1159]. **cosymplectic** [455]. **Couette** [1802]. **Coulomb** [445, 1515, 261, 504, 2116, 1339, 904, 1231, 220, 1336, 1309, 572]. **Coulomb-plus-linear** [220]. **counting** [768, 1573]. **Coupled** [287, 1203, 816, 1778, 581, 1715, 1044, 1365, 1029, 1539, 755, 974, 1517, 320, 785, 818, 1072, 72, 1502, 1535, 1116, 1874, 67, 1666, 1846, 1769, 1495, 2126, 1423, 248, 1425]. **Coupling** [937, 1684, 1286, 861, 863, 632, 1993, 883, 1249]. **couplings** [94, 620, 150]. **covariance** [1960, 712]. **Covariant** [528, 511, 1016, 231, 482, 629, 864, 198, 1522, 745, 1458, 289, 12, 448, 1228, 1925, 655, 1459, 584]. **Coxeter** [1608, 1036, 1260]. **CPT** [328, 1167]. **CR** [726]. **Crane** [1183, 516]. **Creating** [2191]. **creation** [895, 765]. **criteria** [2088, 1780]. **criterion** [990, 1106, 422, 2180]. **Critical** [19, 1706, 76, 2098, 1993, 234]. **criticality** [1289]. **cross** [885, 249]. **cross-section** [249]. **crossed** [1131, 697]. **Crum** [827]. **crystal** [354, 439, 656, 1227, 984]. **crystalline** [409]. **Crystallographic** [932]. **crystals** [562, 185]. **cubic** [1939, 2166, 2074, 427, 1557, 1693, 2016, 1249]. **cubic-quartic** [2166]. **Cummings** [941, 443, 2086]. **Cumulants** [1821]. **Cuntz** [1439, 295, 339, 1185, 1636, 1902]. **Curie** [245]. **curl** [436, 1147, 1812]. **Curlander** [2097, 1907, 1796]. **current** [1860, 1518, 876, 801, 1008, 2018, 1038]. **current-current** [801]. **currents**

[748, 583]. **curvature**
 [1011, 1409, 130, 180, 441, 1390, 1847, 1747, 56, 1737, 504, 440, 2077, 966, 2068].
curve [2082, 1726, 1376, 1592, 491]. **Curved**
 [2162, 2039, 2001, 2038, 1933, 876, 2105, 376]. **curves** [427, 2064]. **cuspons**
 [1790, 812, 1135]. **cutoff** [1744, 721, 1093]. **cutoffs** [1915]. **cycle** [2160].
cycles [1959, 1420, 844]. **cyclic** [2019, 1275]. **cylinder**
 [2017, 675, 1063, 15, 1023, 604]. **cylinders** [123]. **cylindrical**
 [436, 1147, 1168]. **Cylindrically** [1766]. **Czech** [1690].

D [1875, 603]. **damped** [1706, 2216, 946, 1880, 2055, 1877, 1482]. **damping**
 [1483, 1940, 1999, 1728, 1874]. **Darboux**
 [2043, 1627, 2053, 914, 340, 1773, 1389, 2048, 243, 1523, 102]. **Daseinisation**
 [1488]. **data** [732, 1292, 1880, 128, 176, 2134, 1663, 329]. **Davey**
 [495, 1323, 1637]. **day** [2217]. **death** [2072]. **decay** [2091, 1244, 22, 1738, 917,
 2125, 1290, 702, 1999, 1728, 312, 185, 2069, 489, 1119, 1333]. **decaying** [1844].
Decoherence [1458, 249, 112]. **Decomposition**
 [448, 494, 310, 1257, 1250, 1027, 252, 368, 849, 1083]. **Decompositions**
 [708, 216, 1549, 1318]. **Decoupling** [581, 1420]. **decreasing** [1529]. **decuplet**
 [698]. **defects** [748, 1168]. **defined** [156]. **definition** [1268, 2060].
Deformation [1293, 2100, 1361, 2123, 903, 409, 2064, 161, 1587, 2105].
Deformations
 [2133, 1532, 1177, 1606, 941, 2121, 427, 2045, 2205, 694, 1904, 134, 1223].
Deformed
 [1091, 571, 1588, 1503, 1667, 1198, 1873, 93, 269, 1925, 2060, 466, 538].
Degasperis [1259, 1807]. **Degenerate**
 [870, 208, 2029, 1548, 969, 1457, 2190, 2211]. **Degenerations** [2099].
DeGennes [900, 674]. **degradable** [1614]. **degree**
 [617, 1310, 1146, 1818, 1941]. **delay** [1584, 1268, 1955, 1985, 2052]. **Deligne**
 [90, 2151]. **Delone** [1861]. **Delta** [1893, 1961, 1235, 709]. **demonstration**
 [1339]. **Dense** [1688]. **densities** [219, 1844]. **density** [541, 219, 779, 1820,
 1771, 2037, 456, 526, 385, 916, 2204, 1590, 1975, 560, 1436, 548, 1988].
density-dependent [1771, 1988]. **dependence** [1181]. **dependent**
 [1991, 186, 1015, 351, 353, 1518, 1421, 1191, 617, 2196, 794, 1771, 23, 2030,
 1335, 764, 158, 1146, 2125, 1993, 1531, 1108, 422, 720, 1336, 1002, 1366, 525,
 1013, 1034, 1988]. **depolarized** [1269]. **Dereziński** [2130]. **Derivation**
 [1057, 229, 386, 328, 516, 1123, 1210]. **derivations** [2198, 1525, 1830].
derivative [2201, 2080, 2203, 1460, 1435]. **Derivatives**
 [1526, 1584, 786, 719, 1031, 2006, 1622, 977]. **derived**
 [1726, 1604, 1923, 1420, 1846]. **Derrick** [1801]. **descent** [1898]. **describe**
 [1864]. **describing** [201, 1174, 1822]. **Description**
 [333, 1300, 2216, 2028, 946, 355, 52, 383, 1016, 65, 517, 1549]. **descriptions**
 [108, 2024]. **design** [1394]. **designs** [991, 1082]. **desired** [2191]. **detailed**
 [884]. **detection** [1883]. **Determinant** [485]. **determinantal** [605].
determinants [2201, 1372, 2080, 2203, 156, 1247, 123, 2009].

Determination [2043, 1285, 1146, 617, 1082]. **determine** [975].
deterministic [669]. **Development** [219]. **deviations** [1283]. **devices**
 [1394]. **diagonal** [433, 1797, 1960]. **diagonalizability** [660].
diagonalization [162]. **diagram** [29]. **Diagrammatic** [141]. **diagrams**
 [279, 806, 1859]. **Diamagnetic** [733]. **diatomic** [936]. **Dicke** [1574, 2086].
dictionary [1130]. **dielectric** [287, 1394, 778]. **dielectrics** [483].
diffeomorphisms [513, 771, 486]. **difference** [1272, 1411, 1271, 91, 1446].
different [1853, 1838, 1122, 1149]. **Differentiable** [1951]. **Differential**
 [671, 1347, 1107, 1810, 1584, 530, 2186, 819, 737, 59, 1579, 1837, 957, 486, 34,
 1736, 1782, 1986, 240, 975, 115, 1969, 2064, 1300, 144, 1985, 1892, 231, 1495,
 2161, 1205, 1570, 1397, 1724]. **differentials** [251]. **Differentiation**
 [1399, 1044, 1365]. **difficulty** [26]. **Diffraction** [685, 97, 1235]. **Diffusion**
 [2143, 189, 529, 458, 780, 53, 2184, 767, 1613, 1990, 1222, 1058, 246, 331, 1541,
 437, 142, 919, 2137, 1836, 338, 1630, 248]. **diffusion-convection** [142].
diffusions [1143, 1438, 57]. **diffusive** [2062]. **dilogarithm** [1448].
dilogarithmic [1788]. **Dimension**
 [1706, 1104, 1847, 1337, 1419, 1982, 2211, 167, 365, 1447, 1231, 1657].
Dimensional
 [1352, 692, 806, 1218, 1032, 1470, 1896, 841, 2148, 1375, 36, 2017, 178, 902,
 145, 1913, 1063, 1342, 880, 1302, 1932, 1868, 180, 239, 441, 888, 1501, 1052,
 1871, 1566, 1428, 1448, 1054, 1625, 1284, 706, 547, 585, 1080, 608, 1346, 1771,
 643, 2088, 625, 1780, 748, 23, 1270, 1897, 1550, 362, 1055, 1248, 1491, 1850,
 291, 445, 1427, 1986, 546, 1050, 2156, 2049, 764, 933, 830, 1937, 2096, 479,
 157, 418, 522, 51, 1354, 1888, 1222, 2129, 1873, 1041, 199, 200, 758, 1264, 969,
 896, 1099, 358, 1565, 1557, 1064, 235, 576, 1601, 72, 954, 1587]. **dimensional**
 [511, 2167, 859, 1322, 772, 1904, 11, 89, 271, 1242, 1775, 67, 813, 906, 2171, 376,
 787, 165, 1846, 2025, 440, 1012, 85, 642, 134, 753, 1378, 664, 873, 1707, 640, 822,
 1779, 966, 1547, 1101, 1139, 1520, 35, 879, 102, 473, 268, 653, 239, 394, 1356].
dimensionality [267]. **dimensionally** [23]. **dimensions**
 [1218, 172, 1762, 1307, 624, 1634, 1203, 257, 2170, 1819, 515, 1566, 1428, 986,
 2123, 704, 396, 1190, 756, 330, 2095, 543, 467, 64, 1946, 917, 2190, 255, 1348,
 939, 1045, 996, 477, 715, 1436, 1954, 2069]. **Diophantine** [2159]. **dipole**
 [1327, 2177, 2207]. **Dirac**
 [1498, 1116, 172, 1466, 976, 709, 174, 1452, 911, 1166, 799, 1263, 28, 1234,
 1897, 2173, 1047, 41, 1936, 785, 1602, 123, 616, 592, 904, 1322, 2152, 692,
 1289, 437, 906, 1254, 1403, 1128, 1012, 714, 761, 1963, 774, 1301, 268].
Dirac-delta [709]. **Dirac-harmonic** [1263]. **Dirac-type** [28]. **Direct**
 [1339, 1073, 1600, 1482, 744]. **direction** [1051]. **Directional** [1972].
Dirichlet [329, 886, 1982, 1250, 144]. **disassortative** [1818, 1941]. **disc**
 [1117]. **discontinuity** [1460]. **Discrete** [1947, 521, 346, 1619, 1060, 598, 204,
 431, 601, 1874, 2161, 1388, 233, 1552, 238, 1537, 247, 2114, 1596, 1704, 897,
 1589, 1894, 2079, 448, 1412, 1756, 620, 1066, 1529, 765, 1657, 1729, 665, 1846,
 870, 1769, 1120, 565, 754, 949, 1905, 1727, 2147, 268, 818]. **discrete-** [1120].
discretization [877, 241, 1350]. **discretizations** [78, 28]. **disentanglement**

[826]. **disk** [1206, 408, 999, 1602, 426]. **dislocations** [1833]. **disordered** [2061, 782, 1673]. **dispersion** [1110, 1398, 1783]. **Dispersionful** [1575]. **dispersionless** [1537, 777, 418, 753]. **dispersive** [80, 1657]. **displacement** [1860]. **dissipation** [1056, 918, 2125]. **dissipative** [2067, 240, 682, 981, 1410, 1997, 1067, 32, 1877, 1835, 1929, 1278, 489, 438]. **dissipative/damped** [1877]. **distance** [218, 169, 1773]. **distance-regular** [1773]. **distances** [1679]. **Distant** [816]. **distillation** [1416]. **distinguishability** [1533, 1617, 2097, 1907, 1796]. **Distinguished** [1917]. **Distinguishing** [215]. **Distributed** [493, 991, 290]. **Distribution** [1719, 1386, 1017, 1279, 1402, 1734, 688, 1245, 2132, 1023, 1743, 947]. **distributional** [96, 463, 1810]. **distributions** [1822, 2138, 155, 1519, 1893, 1565, 505]. **disturbing** [701]. **divergence** [1843]. **Divergences** [414, 2119, 2199]. **divergent** [240]. **divine** [1367, 1613]. **DNA** [2008]. **Dobiński** [2006]. **does** [304, 265]. **Domain** [755, 974, 1517, 809, 611, 852, 1814, 1029, 1937, 2096, 323, 1812, 96, 2012, 922]. **domains** [1126, 738, 651, 2093, 2110, 5, 263, 1630, 1446]. **dominated** [1133]. **dot** [343]. **Double** [888, 1395, 178, 343, 732, 1585, 428, 1248, 1583, 1938, 974, 1793, 772, 778, 344]. **double-complex** [1248]. **double-confluent** [1585, 428]. **double-sphere** [778]. **doubles** [794]. **Dowker** [982]. **dressings** [1887, 2126, 621, 1040]. **drift** [919]. **drift-diffusion** [919]. **Drinfeld** [209]. **driven** [1015, 975, 357]. **Dual** [2057, 868, 1971, 575, 20, 944, 1926, 2047, 124, 1047, 114, 1520]. **Duality** [1828, 951, 1258, 1911]. **Dualization** [1313]. **duals** [1756]. **due** [680, 1239]. **Duffin** [2196, 1342, 641, 1108]. **Dullin** [1660]. **dyadic** [1068]. **Dym** [1593]. **Dynamic** [1063, 1838, 1543, 1478, 424, 2206, 1285, 1071]. **Dynamical** [1391, 326, 30, 2112, 2209, 286, 1904, 1420, 879, 1798, 1956, 521, 866, 1468, 1089, 652, 623, 1044, 1365, 1024, 1278, 1140, 265, 1205, 1425]. **Dynamics** [1015, 1136, 1876, 1061, 1494, 145, 373, 1062, 1684, 1088, 1579, 1458, 708, 683, 283, 2026, 2047, 244, 1138, 418, 1071, 261, 815, 2004, 286, 1535, 82, 2056, 1366, 731, 1442, 265, 743, 1832, 1951, 1048]. **dynamo** [253]. **dyon** [1505]. **Dyson** [1507].

edge [2011]. **Edgeworth** [1402, 1734]. **Editorial** [1863]. **EDS** [791]. **effect** [1612, 1860, 2150, 1595, 1421, 496, 547, 1184, 1127, 1335, 1084, 674, 900, 1199, 364, 999, 680, 484, 2062, 1477, 413]. **Effective** [540, 1648, 1744, 1249, 2039, 62, 2038, 1542, 1773, 1356, 989]. **effects** [349, 355, 419, 214, 1236, 1461, 1167, 409, 1186, 1993, 800, 1120, 883, 766, 871, 1239]. **efficient** [1817]. **Efimov** [413]. **Ehrenfest** [1974]. **eigenbasis** [1654]. **Eigenfunctions** [436, 1147, 1552, 802, 1444, 1578, 493, 294, 1289, 1777]. **eigenfunctions** [1342]. **eigenspinoren** [1301]. **eigenstates** [842, 1339]. **Eigenvalue** [1804, 684, 1664, 1402, 1734, 385, 1362, 592, 510, 32, 781, 168, 904]. **Eigenvalues** [459, 650, 24, 1738, 1960, 1936, 1286, 789, 312]. **eigenvector** [510]. **eight** [1470, 165, 2012]. **eight-dimensional** [165]. **eight-vertex**

[2012]. **Eightfold** [1425, 1535]. **Einstein** [1732, 178, 280, 965, 1188, 1563, 23, 230, 1229, 1356, 1457, 235, 2033, 127, 1187, 227, 544, 671, 810, 128, 1872, 1295, 1467, 129, 761, 2134, 1980]. **either** [247]. **elastic** [718, 846]. **elasticity** [584, 1350]. **electric** [145, 2177, 2207, 686, 615, 1285, 967, 168]. **electrical** [1616, 892, 89].

Electrodynamics [1357, 468, 2039, 1695, 1919, 2038, 116, 414, 375, 1915, 73, 1172].

Electromagnetic [1933, 750, 1914, 1327, 1131, 840, 1918, 1713, 878, 1335, 2172, 1710, 1008, 644, 482, 629, 1423, 1810]. **Electromagnetism** [1828, 229, 1648, 686]. **electron** [219, 343, 959, 1281, 1631, 1544, 267, 952, 6, 104]. **electron-spin** [1544].

Electronic [956, 727]. **electrons** [145, 71, 484]. **electroweak** [118]. **elementary** [2043, 1519, 1736]. **elements** [445, 416]. **ellipse** [1770]. **ellipsoid** [1349]. **ellipsoidal** [1730, 757]. **Ellipsoids** [2046]. **Elliptic** [1669, 1451, 888, 1367, 1613, 1206, 93, 502, 2064, 1299, 491, 2111]. **embedded** [521, 988, 101, 1022, 1152]. **Embedding** [1217, 957, 1089, 1625, 1805, 2191]. **embeddings** [1576]. **Emden** [2078, 1711]. **Emden-type** [1711]. **Emergence** [350, 1066, 1149]. **emission** [1371]. **encapsulated** [376]. **encoding** [1216]. **encryption** [1824, 740]. **Endomorphisms** [835, 1439, 1709]. **endpoints** [210]. **energies** [654, 639, 1408, 1785, 507]. **Energy** [325, 1106, 1056, 1577, 1105, 232, 1072, 782, 48, 47, 877, 148, 2039, 219, 1634, 972, 1672, 1279, 515, 197, 1908, 131, 1049, 1181, 1923, 712, 916, 164, 51, 1443, 448, 674, 900, 330, 2095, 467, 64, 1946, 357, 702, 1673, 1053, 140, 375, 870, 817, 747, 650, 619]. **energy-momentum** [1908]. **Engle** [2109]. **enhanced** [444]. **ensemble** [1402, 1734, 245, 101, 1022, 836]. **ensembles** [689, 658, 526, 1922]. **enstrophy** [1049]. **entangled** [343]. **Entanglement** [470, 1909, 1417, 1416, 605, 708, 1867, 868, 2146, 826, 2003, 1696, 2128, 1332]. **entanglements** [1032]. **entangler** [1308]. **entries** [1922, 86]. **entropic** [1504]. **entropies** [1150, 527, 1945, 538]. **Entropy** [1216, 363, 1426, 1159, 456, 1195, 1721, 531, 469, 2217, 1024, 1834, 1379, 95, 563, 952, 657, 1288, 2, 37, 1243, 457]. **entry** [352]. **envelope** [1792]. **Environment** [1417, 1518, 1656]. **environments** [1683]. **enzyme** [884]. **epistemic** [1569]. **Epstein** [2066, 228, 1556]. **equal** [711]. **equality** [1645, 1020, 2, 37]. **equation** [172, 1961, 1466, 458, 780, 1586, 24, 968, 137, 1703, 2165, 567, 1166, 1498, 1057, 22, 60, 819, 854, 1421, 641, 280, 1726, 1465, 1241, 2067, 1757, 1399, 2184, 1930, 135, 1328, 865, 460, 888, 1106, 1413, 2043, 2138, 1939, 61, 1668, 794, 1722, 321, 1049, 1184, 1112, 2002, 897, 1077, 190, 2177, 2207, 2030, 1990, 1897, 987, 887, 1741, 342, 1343, 875, 975, 253, 296, 703, 1410, 1718, 1190, 2074, 1935, 80, 2173, 1323, 1997, 1891, 41, 891, 2129, 725, 1600, 654, 1982, 1559, 549, 909, 1113, 1356, 668, 488, 577, 789, 331, 1373, 2190, 2211, 195, 1445, 2125]. **equation** [123, 1790, 788, 1551, 1531, 696, 154, 1339, 79, 671, 1176, 775, 898, 1983, 2044, 1483, 1940, 1728, 1657, 220, 666, 812, 1315, 906, 1985, 2171, 293, 1886, 1581, 1103, 833, 1004, 2213, 388, 970, 58, 661, 1267, 1836, 1012, 2161,

1654, 1259, 1807, 1967, 2062, 4, 690, 934, 1642, 307, 721, 1114, 1093, 977, 2069, 2134, 177, 489, 1663, 1547, 1450, 1318, 899, 619, 1905, 1777, 1882, 2200, 711, 1040, 1144, 1520, 1246, 1660, 1446, 1798, 102, 894, 2050, 329]. **Equations** [1153, 1975, 1584, 275, 734, 2186, 1706, 351, 1676, 353, 1134, 424, 2206, 518, 628, 299, 913, 852, 1814, 737, 2083, 2078, 59, 777, 1778, 2008, 2170, 1052, 1579, 1837, 193, 942, 247, 289, 1648, 1284, 155, 587, 784, 2141, 1771, 1508, 486, 1780, 34, 1736, 1585, 1335, 428, 1782, 1715, 1652, 2123, 1986, 240, 2166, 1050, 2049, 764, 495, 300, 730, 1876, 435, 1629, 1880, 845, 1635, 522, 914, 1091, 1354, 1071, 1100, 1776, 340, 568, 1047, 1838, 1222, 1225, 1558, 1755, 1058, 1969, 2139, 1582, 1885, 1561, 659, 1051, 2045, 2205, 184, 320, 1455, 1708, 785, 235, 1541]. **equations** [94, 1043, 1348, 626, 2064, 1653, 1758, 616, 1710, 1701, 557, 499, 2058, 1272, 1053, 1116, 1045, 83, 2044, 724, 1686, 1999, 2110, 996, 82, 2143, 144, 437, 119, 142, 1347, 1353, 2085, 2052, 1411, 1846, 806, 1271, 1016, 1155, 128, 1769, 1495, 667, 1872, 1295, 2126, 146, 73, 483, 1467, 1442, 822, 1205, 2179, 1034, 1714, 374, 1630, 1570, 1101, 2174, 1988, 1783, 462, 1899, 1397, 91, 1724, 1928, 879, 1727, 1903, 1033, 2168, 2180, 43, 1980, 1983, 2044]. **Equilibria** [1785, 2159, 1443]. **Equilibrium** [802, 262, 1317, 688, 912, 528, 1211, 411]. **Equivalence** [972, 848, 245, 689, 486, 1850, 1344, 1345, 1408]. **equivalences** [1792]. **Equivariant** [1406]. **erased** [1842]. **Ergodic** [432, 1687]. **Ernst** [177]. **Erratum** [2195, 2206, 1330, 1499, 1566, 2141, 2203, 2210, 2207, 987, 2215, 1365, 1609, 2212, 211, 2214, 1608, 900, 668, 2211, 2204, 1758, 1329, 1117, 1940, 37, 263, 1227, 2213, 1118, 961, 934, 2097, 2199, 2200, 104]. **Error** [1377, 1913, 992, 1121, 40, 2097, 1907, 1796]. **Escort** [1844]. **Essential** [1553, 210, 751, 1341]. **estimate** [1164, 2125]. **Estimates** [1050, 115, 1436, 1452, 444, 1599, 802, 188, 2114, 1384, 84, 1657, 2097, 1907, 1796, 338]. **estimation** [503, 1611]. **estimations** [287]. **estimators** [1212]. **ETM** [590]. **Euclidean** [2217, 1834, 1426, 1328, 1847, 625, 555, 1264, 2066, 1565, 66, 1355, 473]. **Euler** [599, 337, 1652, 1755, 949, 2174]. **Eulerian** [1016]. **Eutactic** [1030]. **Evaluation** [736, 1603, 2091, 6, 104]. **even** [617, 247, 140, 1218]. **Evenly** [991]. **event** [556]. **evolution** [343, 1726, 2083, 2008, 2170, 419, 1511, 649, 1741, 1776, 1920, 69, 1590, 1711, 657, 437, 2085, 2052, 181, 1536, 1278, 368, 849, 1903, 1442]. **evolutions** [1842, 708, 981]. **Exact** [201, 936, 70, 1741, 157, 568, 555, 921, 543, 1113, 1124, 83, 1001, 1012, 39, 129, 711, 458, 2165, 1281, 888, 1579, 951, 1100, 1539, 1637, 235, 626, 2171, 1411, 1467, 2179, 1783, 1899, 102, 780, 331]. **Exactly** [1943, 2072, 1496, 1823]. **example** [1681, 15]. **examples** [819]. **exceeds** [885]. **Exceptional** [391, 389, 1220, 392, 501, 979]. **exchange** [1232]. **exchangeable** [1694]. **excitation** [1327, 2114, 1419, 140]. **excitations** [590, 89]. **exclusion** [529, 2018]. **Existence** [1584, 840, 117, 1308, 1850, 300, 730, 847, 330, 2095, 322, 1483, 1940, 413, 1093, 1494, 1106, 2008, 190, 1410, 1880, 1502, 2110, 1353, 656, 1227, 176, 808, 2069, 1889]. **exit** [352]. **exotic** [1762, 590]. **Expanding** [856, 2193, 918]. **expansion**

[1595, 589, 412, 1725, 1402, 1734, 738, 1741, 381, 1562, 1971, 1753, 896, 676, 2019, 1528, 235, 279, 1540, 1175, 1890, 607, 817, 185, 1724, 1033].
expansion/Fokker [589]. **expansions** [236, 316, 733, 1655, 149].
expectation [1912, 700]. **expectations** [147]. **experimental** [54, 732, 360].
experiments [2150]. **Explicit**
[2002, 2070, 2037, 686, 764, 1356, 2204, 1097, 480, 1757, 292, 1295, 1806].
exploring [148]. **exponent** [1706]. **Exponential**
[1244, 248, 2145, 2035, 1290, 2060, 1243]. **exponents** [518, 628, 973, 1377].
expression [1806]. **expulsive** [1563]. **Extended** [990, 863, 1240, 1248, 553, 940, 163, 1307, 2089, 913, 777, 1579, 1716, 1528, 1601, 1887, 426, 1117, 1856].
Extending [1568, 314]. **Extension**
[819, 850, 189, 1174, 1256, 396, 1968, 2065, 2107, 2106, 1480, 1957].
Extensions [295, 589, 402, 594, 944, 498, 1532, 122, 1369]. **Extensive**
[457, 1079]. **exterior** [5, 263]. **external**
[780, 1672, 190, 1113, 755, 1423, 1966, 618, 947, 1678]. **extra** [715].
extracted [1332]. **extraction** [636]. **extraspecial** [1977]. **Extremal**
[1522, 745, 668, 488, 1979, 1445]. **extremals** [1072].

facile [1697]. **factorizable** [842]. **factorization** [659]. **factorizations** [600].
factors [2023]. **failure** [95]. **false** [1119]. **families** [1220, 509]. **family**
[186, 1583, 914, 114, 1480]. **far** [1901, 2172]. **far-field** [1901, 2172]. **Faraday**
[496]. **Fateev** [140]. **Fay** [760]. **Features** [869]. **Fedosov**
[1732, 1752, 81, 606]. **feeded** [1563]. **fees** [1692]. **Fermi** [1314, 1014, 1033].
fermion [73, 485]. **Fermionic** [1374, 722, 2020, 1195, 1383, 1533].
fermionization [1902]. **Fermions** [1764, 1439, 935, 710, 1820, 1636, 2101].
ferromagnetic [1596, 1478]. **Feynman**
[1194, 1829, 1273, 1919, 1589, 1923, 691, 398, 1597, 279, 1074, 1296, 844, 254].
fiber [486]. **Fibonacci** [1511]. **fidelity** [218, 539]. **field**
[2040, 386, 1825, 125, 1914, 472, 2073, 2031, 1409, 87, 126, 950, 1509, 1675, 631, 169, 1672, 1464, 1241, 1792, 865, 1713, 581, 942, 1603, 986, 1788, 1648, 203, 302, 1512, 1901, 643, 1127, 1240, 686, 1607, 421, 328, 230, 1385, 1881, 1712, 2104, 21, 1838, 1384, 71, 1582, 1885, 755, 2041, 512, 1685, 228, 1326, 167, 2172, 1573, 1005, 161, 696, 609, 834, 154, 1710, 13, 1008, 671, 455, 1026, 545, 800, 677, 181, 2101, 1368, 806, 98, 128, 168, 667, 1872, 2185, 731, 1423, 1682, 1772, 883, 1744, 747, 1467, 949, 1038, 507]. **field** [1924, 1239, 1980].
field-antifield [1409]. **Fields** [379, 841, 1131, 726, 1828, 911, 18, 145, 1203, 770, 540, 1424, 1361, 807, 686, 421, 2001, 811, 1429, 1933, 956, 2214, 967, 1019, 1507, 1455, 2048, 2005, 680, 1345, 1276, 426, 1117, 50, 1649, 383, 482, 629, 915, 1772, 8, 38, 1407, 2202, 746, 1157, 1870, 1928, 1301, 1678]. **Fierz**
[444, 373]. **fight** [2217]. **filament** [1141]. **film** [203, 302]. **filter** [327]. **Final**
[845, 2074, 1471]. **Finding** [1736, 1579, 1724]. **Fine** [2019, 1178, 497]. **Finetti**
[1330, 3, 1822, 449, 1697]. **Finite** [303, 1822, 61, 625, 1127, 1152, 963, 542, 1905, 871, 472, 902, 866, 602, 832, 964, 570, 1819, 794, 2084, 1607, 1719, 15, 830, 439, 308, 633, 449, 1717, 651, 123, 1303, 1497, 67, 509, 35, 1446].

finite-dimensional [830, 67]. **finite-gap** [2084]. **Finite-time** [303]. **Finitely** [709]. **Finsler** [1732, 761, 1293]. **Finslerian** [669]. **First** [1688, 2043, 1736, 1208, 960, 592, 1425]. **Fisher** [1311, 608, 1721, 156, 1081, 787, 505, 1570]. **Fitzhugh** [58]. **five** [1978, 841, 178, 1566, 1428, 838, 1625, 1427, 2156, 479, 235, 906, 473].
five-body [838]. **five-dimensional** [841, 178, 1566, 1428, 1625, 1427, 2156, 479, 235, 906, 473]. **fivebrane** [225].
fixed [1068, 109, 212, 1471, 1841, 1753, 1545, 2094, 1010]. **fixing** [1406, 1129].
Flat [1937, 2096, 350, 49, 130, 695, 515, 199, 200, 394, 603, 758, 1750, 369, 557, 499, 376, 1864]. **flatness** [51, 1954]. **Flavor** [1094, 1746, 1303, 277]. **flip** [1595]. **flip-over** [1595]. **Floquet** [390]. **Flow** [587, 557, 1011, 1057, 1056, 1054, 1548, 546, 688, 1221, 1072, 1802, 323, 1536, 757]. **flows** [1087, 2059, 1141, 1060, 587, 2088, 139, 1658, 179, 1065, 420, 1067, 1442, 1963, 1223].
Fluctuation [918, 779, 1024]. **Fluctuation-dissipation** [918].
Fluctuations [1672, 783, 1918, 658, 2018]. **Fluid** [424, 2206, 1048, 1386, 478, 1281, 581, 587, 649, 1044, 1365, 300, 553, 1435, 1071, 756, 568, 1065, 1449, 1059, 322, 83, 1766, 1649, 618, 947].
Fluid-dynamic [424, 2206]. **fluid-dynamical** [1044, 1365]. **fluids** [2059, 2164, 1878, 648, 1702]. **flux** [186, 1015, 352, 1989]. **fluxes** [419]. **focal** [2183]. **Fock** [2031, 295, 1636, 366, 1034]. **Foias** [65]. **Fokker** [1092, 589, 1091]. **Foldy** [2152]. **foliation** [1133]. **force** [780, 913, 190, 644].
forced [1056]. **forces** [1008, 618, 947]. **Forchheimer** [2059]. **forcing** [1961, 240]. **Form** [1492, 1762, 2091, 2042, 1499, 1638, 982, 526, 2053, 71, 1079, 2023, 664, 1810].
Form-invariant [1492]. **Formal** [520, 1487]. **formalism** [458, 1513, 1409, 506, 239, 1191, 318, 729, 1084, 1992, 347, 335, 511, 181, 804].
formalisms [1464]. **formation** [201, 1400, 959, 1429, 1170, 1169, 1723].
Forms [1178, 183, 2193, 893, 1398, 421, 769, 1277, 727, 1250, 1238, 2004, 432, 1411, 1810, 1148, 966]. **formula** [799, 570, 110, 1616, 203, 302, 1359, 592, 952, 2153, 1230, 558, 699, 850].
formulas [44, 166, 777, 2002, 643, 2192, 298]. **formulation** [1530, 591, 270, 1971, 1169, 1016]. **Fornberg** [1967]. **found** [1980].
foundation [1487, 1488, 1489, 1490, 1680]. **Foundations** [804, 1840]. **Four** [291, 2109, 713, 522, 1879, 235, 72, 511, 1699]. **Four-dimensional** [291, 522, 235, 72, 511]. **four-punctured** [713]. **four-simplex** [2109].
four-state [1879]. **Fourier** [1552, 1179, 665, 1699]. **fourth** [486, 693, 1776, 2190, 2211, 1411, 1446, 2050]. **fourth-order** [1776, 1446].
Fowler [2078]. **fractal** [622, 1056, 1348]. **fractal-forced** [1056]. **Fractional** [786, 478, 957, 831, 1493, 481, 132, 837, 1430, 1584, 2186, 1399, 2184, 1858, 1930, 1077, 1460, 719, 34, 1127, 703, 2087, 1435, 1245, 1576, 1765, 2132, 331, 1326, 1541, 2167, 437, 1622, 2161, 977]. **fractions** [149]. **frame** [810].
frameness [2034]. **frames** [1853, 1370, 2001, 1756, 1207, 1122]. **Framework** [464, 819, 238, 1878, 1156, 320, 2185, 1295]. **Francoise** [1956].
Francoise-type [1956]. **Frank** [357]. **Fredholm** [1642]. **Free**

[1038, 935, 710, 1174, 326, 1735, 1408, 1673, 2127, 560, 140, 1254, 383, 642, 1916, 1818, 1941, 485]. **frequency** [364, 583]. **Freund** [499]. **frictionless** [1092]. **Friedel** [576]. **Friedmann** [319, 548, 1538]. **Friedrichs** [863]. **Frobenius** [339, 1763]. **Fuchs** [314, 909, 898]. **Full** [1129, 1637]. **fully** [1783, 462]. **Function** [370, 1961, 1991, 1526, 1947, 1687, 201, 506, 1751, 202, 1672, 1402, 1734, 738, 768, 1831, 958, 1471, 1469, 1154, 1544, 290, 1247, 1851, 632, 1561, 595, 1556, 1693, 2075, 1975, 1175, 664, 2032, 107, 2012, 572, 462, 473, 298]. **Functional** [2201, 2080, 2203, 1953, 123, 1194, 219, 325, 1661, 2138, 2166, 1026, 1985]. **functionals** [219, 1044, 1365, 1963]. **functions** [841, 1109, 1991, 734, 2017, 2181, 798, 433, 9, 1858, 1930, 1191, 2196, 2028, 1233, 2090, 1448, 2135, 643, 1496, 1460, 1415, 1580, 1631, 115, 593, 1245, 1750, 1179, 639, 1290, 1108, 609, 2152, 1300, 2060, 560, 1955, 220, 607, 1803, 149, 1149, 665, 474, 1698, 1243, 1296, 817, 85, 259, 411, 2097, 1907, 2119, 2199, 1966, 150, 1570, 1857, 153, 485]. **fundamental** [1465, 1582, 2117, 2185]. **Further** [1055]. **fusion** [1977, 1856]. **future** [2127]. **fuzziness** [1958].

G [344]. **G-double** [344]. **Gabor** [851, 820, 1756]. **Galilean** [384, 1458]. **Galois** [1347, 742]. **galore** [1294]. **games** [1079]. **Gap** [1927, 1613, 2084, 2061, 917, 1664, 1295]. **gapped** [2027]. **gaps** [308, 633]. **Gardner** [404]. **gas** [1633, 87, 1088, 1579, 1908, 321, 2061, 1175, 844]. **gases** [733, 1284, 267]. **gates** [1791]. **Gaudin** [380, 70, 564, 1267]. **Gauge** [1265, 406, 714, 841, 1406, 1432, 1828, 126, 1085, 675, 717, 2083, 803, 289, 686, 1712, 1387, 1582, 1463, 1115, 2106, 2004, 2154, 451, 545, 292, 477, 1002, 1892, 1865, 474, 1129, 129, 1864, 1148, 1924]. **gauge-invariant** [1582]. **Gauged** [475, 171, 642]. **Gauss** [423, 1357, 1430, 966]. **Gaussian** [1402, 1734, 526, 493, 101, 1022, 2005, 1795, 2136, 1441]. **Gaussians** [290]. **Gazeau** [1456, 1334, 114]. **Gelfand** [1404]. **Gell** [698, 1000]. **Gell-Mann** [698, 1000]. **General** [1739, 2214, 1156, 1245, 2125, 79, 1999, 1407, 2202, 1011, 581, 1508, 1248, 1583, 1491, 1850, 2166, 1953, 452, 266, 71, 1885, 543, 1910, 409, 910, 387, 2185, 2054, 496, 78, 1992]. **Generalization** [1995, 1317, 1562, 44, 276, 1559, 1243, 1843, 1101, 1144]. **generalizations** [1470, 2158, 1969, 1877]. **Generalized** [219, 687, 523, 987, 887, 886, 1020, 1268, 531, 1229, 1885, 1700, 1412, 1186, 1945, 1754, 1289, 1002, 564, 1267, 447, 2119, 2199, 977, 1037, 966, 1352, 1375, 2059, 202, 1672, 2184, 2008, 2043, 2138, 738, 1324, 1791, 1990, 1923, 546, 1180, 1362, 1737, 1631, 495, 725, 1582, 543, 1212, 1557, 1637, 1887, 2194, 52, 336, 121, 11, 204, 431, 601, 560, 497, 484, 1892, 1666, 31, 1155, 2086, 88, 429, 979, 2126, 664, 2097, 1907, 1796, 828, 1114, 150, 1318, 462, 879, 1523, 638, 696]. **Generalizing** [1005]. **Generally** [1228, 270]. **generated** [841, 1789, 156, 497, 1149]. **generates** [312]. **Generating** [1991, 2193, 834, 197]. **generation** [1323, 407]. **generator** [1613]. **generators** [625, 297]. **generic** [1712, 1378, 536, 1978]. **Genericity** [1429]. **genetic** [1149]. **Gennes** [121]. **genus** [100, 1786, 1905]. **geodesic**

[1086, 814, 1767]. **Geodesics** [524, 2107]. **Geometric** [2140, 848, 878, 784, 2141, 1737, 1571, 872, 2098, 1747, 2146, 932, 470, 80, 1221, 1162, 1433, 1145, 1414, 98, 1549, 1350]. **Geometrical** [695, 634, 532, 1704, 347, 335]. **geometries** [152, 274, 1396, 1950, 1979, 96, 751]. **geometroynamics** [377, 2212]. **Geometrothermodynamics** [890]. **Geometry** [188, 369, 1378, 989, 307, 1981, 46, 1406, 1391, 1386, 613, 874, 1964, 1017, 151, 857, 1454, 1312, 1110, 1554, 605, 453, 646, 2176, 635, 2183, 556, 445, 2047, 68, 56, 1888, 1873, 1035, 577, 1500, 821, 1152, 1592, 436, 1147, 1766, 1892, 644, 931, 757]. **geophysical** [1071]. **geophysics** [730]. **Gepner** [749]. **Gérard** [2130]. **ghost** [1449, 2127]. **ghost-free** [2127]. **ghosts** [1418]. **GHZ** [636]. **Gibbs** [1243, 1674, 55, 1019, 1685]. **Gibbsianness** [1678]. **Ginzburg** [349, 1130, 351, 353, 354, 355, 1939, 356, 1632, 1982, 358, 1993, 348, 317]. **Girardello** [1415, 1233, 1867]. **given** [1809, 1030]. **Glaser** [2066, 228]. **Glashow** [698]. **glass** [1671, 532]. **glasses** [1674, 1675, 1682]. **Glauber** [1991, 815]. **Glauber-type** [815]. **Gleason** [824]. **Global** [2008, 1771, 190, 658, 948, 514, 1292, 1880, 1190, 1841, 358, 960, 2110, 1353, 1807, 2069, 1800, 1106, 283, 342, 1410, 914, 1502, 1467, 1547]. **Globally** [712]. **Going** [1306]. **golden** [1033]. **goldfish** [519, 402]. **Goldfishing** [776, 717]. **Goldstone** [121]. **good** [1586]. **Gordan** [36, 663, 392]. **Gordon** [1703, 888, 1668, 1127, 2015, 1880, 553, 1635, 2074, 789, 616, 1728, 383, 970, 711, 1798]. **Gott** [132]. **Gottwald** [1660]. **governing** [1016]. **grade** [1878]. **graded** [1364, 2071, 344, 2076, 563]. **gradient** [2180]. **grading** [497]. **Gradings** [1527, 1178]. **graining** [369]. **grand** [1110]. **granular** [424, 2206]. **graph** [591, 1655, 1553, 414, 800, 1689]. **graph-Laplacian** [1553]. **graphical** [1910]. **graphs** [1688, 1934, 670, 1164, 1677, 228, 834, 724, 1679]. **Grassmann** [1750, 1257]. **Grassmannian** [333]. **gravitating** [756, 1984]. **Gravitation** [622]. **Gravitational** [1427, 1702, 615, 580, 680, 1434, 1426, 1770, 648, 1429, 579, 1582, 1885, 2217, 1834, 415, 50, 677, 715, 750, 1010, 1239]. **gravitons** [2140]. **gravity** [1732, 233, 1828, 1203, 803, 1704, 1248, 1583, 1491, 1427, 1702, 752, 2157, 553, 51, 21, 1587, 319, 772, 1872, 1012, 129, 281, 1833, 1980]. **Green** [841, 201, 798, 433, 1858, 115, 1262, 664, 473, 298]. **Greitzer** [1057]. **Gribov** [1463]. **Gross** [1190, 2139, 1113, 1356, 1455]. **Grothendieck** [1306]. **Ground** [916, 2130, 375, 366, 861, 2027, 674, 900, 727, 457]. **Group** [1100, 707, 184, 1178, 513, 864, 163, 1307, 2089, 1312, 1522, 570, 326, 1628, 1871, 794, 12, 1977, 1746, 944, 1607, 92, 1215, 2063, 1776, 205, 301, 1561, 1507, 405, 192, 1910, 2188, 1207, 1094, 1299, 1200, 451, 561, 1322, 1026, 1983, 2044, 252, 2171, 165, 370, 565, 277, 1832]. **group-covariant** [12]. **Group-theoretical** [707]. **Groups** [1608, 430, 901, 1392, 1491, 1562, 1209, 1320, 2163, 1036, 932, 1260, 1909, 1637, 651, 1303, 1097, 14, 420, 204, 431, 601, 1151]. **growing** [1245, 254]. **growth** [1735, 651]. **growths** [193]. **GUE** [385]. **guides** [1131]. **Günther** [181]. **Gutzwiller** [570].

Hadamard [993, 1917, 1976]. **Hadamards** [1699]. **Hahn** [1926, 1309]. **Half** [1042, 2017, 1174, 1629, 157, 1255, 557, 13, 1459, 835]. **half-flat** [557]. **half-infinite** [2017]. **half-line** [1629, 157, 1255]. **half-plane** [1174]. **half-sided** [835]. **Half-Skyrmions** [1042]. **half-space** [13]. **Hall** [46, 1015, 423]. **Hamilton** [1732, 137, 1241, 1112, 1354, 1888, 1207, 79, 82, 1420]. **Hamiltonian** [2216, 1011, 186, 786, 1828, 681, 533, 582, 1174, 946, 586, 594, 1716, 237, 1816, 1240, 1747, 1173, 790, 1593, 421, 814, 1639, 1987, 418, 1514, 80, 1900, 243, 69, 367, 1076, 825, 1877, 182, 25, 370, 1430, 753, 1962, 1707, 1140, 1351, 2111, 1523, 2147]. **Hamiltonians** [842, 627, 962, 208, 186, 1126, 540, 901, 1868, 863, 1749, 68, 409, 1571, 11, 989]. **handed** [907]. **Hankel** [156]. **hard** [885, 701, 1019, 1021, 721]. **hard-core** [701]. **hard-rod-type** [1021]. **Hardy** [1234]. **Harish** [1316]. **Harish-Chandra** [1316]. **Harmonic** [1154, 818, 1545, 426, 1117, 8, 38, 468, 1388, 2216, 2184, 1191, 1390, 861, 946, 1106, 1263, 539, 1419, 1563, 1658, 253, 401, 1162, 1904, 1877, 67, 1434, 542, 661, 1772, 2077, 374, 1450, 1266]. **harmonics** [589, 978, 928, 1667, 1867, 1748, 1743]. **Harper** [1793]. **Harry** [1593]. **Hartree** [2031, 1620, 1034]. **Hartwig** [156]. **Hasegawa** [342, 879]. **Hausdorff** [1817]. **having** [1136, 193, 625, 1983, 2044]. **Heat** [738, 688, 1384, 155, 951, 1935, 595, 2000, 119, 1775]. **Heat-kernel** [738]. **Hecke** [202, 1261]. **Hedin** [996]. **Heisenberg** [1465, 706, 1481, 1596, 2121, 701, 2023, 659, 994, 1316, 1124, 565, 1815]. **helically** [4, 690, 934]. **helically-reduced** [4, 934]. **helices** [2092]. **helicity** [139]. **helicoid** [1166, 1498]. **helium** [1543, 763]. **Hellmann** [1923]. **Helmholtz** [664]. **helping** [152]. **Hermite** [658]. **Hermitian** [1927, 468, 1197, 1811, 1571, 367, 1475, 781]. **Hermiticity** [671, 739]. **Herring** [1722]. **heteropolymer** [29]. **Heun** [2207, 968, 1585, 2177, 428]. **Hiatus** [1376]. **Hidden** [872, 942, 1422, 1248, 562]. **hierarchies** [734, 552, 1970, 136, 2182, 1747, 693, 179, 1265, 2045, 2205]. **Hierarchy** [142, 465, 2159, 777, 831, 2084, 1593, 396, 933, 418, 1900, 1601, 1887, 788, 1729, 1135, 1575, 1605, 150, 1523, 2168]. **Higgs** [770, 1952, 173, 1214, 124]. **high** [1671, 885, 654, 1436, 1378, 747]. **high-dimensional** [1378]. **high-energy** [747]. **Higher** [1218, 1032, 748, 1987, 1208, 1846, 1504, 1799, 1470, 1762, 36, 2201, 1474, 624, 786, 1828, 126, 1085, 600, 1725, 2193, 1018, 515, 1871, 419, 2080, 2203, 1346, 643, 1658, 1702, 1387, 704, 2121, 51, 1041, 2190, 2211, 2144, 319, 477, 1954, 1864]. **Higher-dimensional** [748]. **higher-order** [1799, 1474, 1725, 2193, 319]. **highest** [231]. **Hilbert** [1236, 1006, 1853, 1913, 1934, 623, 362, 1641, 1216, 766]. **Hill** [1961]. **Hirota** [777, 2126]. **Hiscock** [132]. **histories** [1078, 112]. **hole** [1134, 1703, 1426, 1429, 579, 2217, 1834, 808]. **holes** [1871, 1202, 1768, 1170, 479, 1979, 1169, 484]. **Holevo** [2097, 1907, 1269, 1796]. **Holm** [136, 61, 1747, 1715, 1410, 1708, 489, 735, 462, 1660]. **Holm-** [1747].

holomorphic [1041]. **holonomic** [670, 159, 39]. **Holonomy** [1892, 1515, 1571]. **homoclinic** [2113, 242]. **Homogeneous** [318, 1576, 2020, 1302, 1908, 1188, 1638, 454, 1986, 811, 1429, 1702, 1485, 243, 1347, 1467, 1642, 2054, 153]. **Homological** [992]. **homomorphisms** [1177, 1525]. **Homotopy** [1783, 2157, 535]. **honeycomb** [1252]. **Hooft** [669].

Hopf [955, 276, 1572, 1364, 237, 1931, 1845, 228, 344, 609, 834, 1095, 288, 638].

Hopfield [1687]. **Hopfions** [27]. **hopping** [1959]. **horizon** [556, 1979].

horizons [227, 544]. **Horn** [1565]. **Horseshoes** [1769]. **host** [424, 2206]. **hot** [2093]. **Hove** [260]. **Hubbard** [1213, 1959, 1479, 916]. **Hudson** [830].

Hulthén [1128]. **Hunter** [1708]. **Husimi** [505]. **Hybrid** [264, 1539].

Hydrodynamic [1629, 858, 660, 533, 1492, 790, 1440, 1968, 1577, 1994].

hydrodynamical [1288]. **hydrodynamics** [138]. **hydrogen** [543, 271, 1039, 507]. **hydrogenic** [608, 1912]. **hydrogenlike** [1167].

hydromagnetic [1989]. **Hyers** [2138]. **hyperbola** [271]. **Hyperbolic** [100, 532, 191, 1479, 280, 180, 441, 1191, 1357, 2070, 712, 68, 223, 1221, 1602, 1540, 440, 107, 532]. **hyperelliptic** [258, 1591]. **hyperfunctions** [2138].

hypergeometric [1526, 201, 1191]. **Hyperincursive** [1388].

Hyperspherical [1748, 978]. **hypersurfaces** [752]. **Hypothesis** [1795, 386, 1377, 2063]. **hysteresis** [285].

I. [1915]. **Ice** [1632]. **Ice-water** [1632]. **ICMP09** [1690]. **Ideal** [904, 587, 1780, 139]. **Ideality** [422]. **identification** [1983, 2044]. **identify** [537]. **identities** [400, 1964, 1400, 23, 502, 1220, 1801, 1200, 2006, 149].

identity [624, 1261, 1655, 1773, 1405, 760, 1826]. **II** [1978, 627, 637, 1331, 151, 567, 22, 1465, 617, 1695, 1934, 515, 1794, 155, 1252, 1488, 1081, 1170, 769, 200, 921, 1705, 2016, 544, 1026, 2044, 2153, 1004, 970, 1723, 1442, 1951]. **III** [1225, 1333, 36, 773, 1489, 645, 274, 394, 1146]. **images** [2153]. **imaginary** [2197, 1921, 1505]. **imaginary-charge-carrying** [1505]. **imaginary-real** [2197, 1921]. **immersion** [743]. **impenetrable** [5, 263]. **Implementation** [12]. **implicit** [1561]. **implies** [1090]. **imprisonment** [1510]. **Improved** [1716]. **Improvement** [113]. **impulsive** [586, 422, 720, 1433, 2052].

impurity [135]. **Inadequacies** [2073]. **Ince** [428]. **incidence** [2155].

including [2045, 2205, 121]. **inclusions** [349, 354, 835]. **Incomplete** [1158].

Incompressible [1455, 1054, 756, 1558, 1755, 1059, 618, 947]. **Incursive** [877]. **indecomposable** [2169]. **indefinite** [291, 500, 1423]. **Independent** [952, 86]. **index** [1709, 850]. **indices** [2181]. **indirect** [462]. **Induced** [376, 1595, 1417, 53, 1648, 583]. **inefficient** [469]. **Inequalities** [360, 2, 37, 571, 1452, 1973, 796, 1684, 1234, 217, 712, 95, 224, 1306].

inequality [55, 1181, 868, 463]. **Inequivalent** [471]. **inertia** [1280]. **Infeld** [229, 942, 1574, 127]. **infimum** [1908, 214, 1236, 2120, 1186, 1564, 766].

Infinte [2181, 1322, 1568, 1674, 2017, 1913, 866, 1959, 203, 302, 190, 362, 1248, 1491, 1410, 295, 896, 286, 882, 1053, 1985, 134]. **Infinite-dimensional** [1322, 1913, 1248, 1491, 896, 134]. **infinite-range-hopping** [1959].

infinite-volume [1674]. **Infinitely** [838, 1023]. **infinitesimal** [655, 297].
infinity [1954]. **inflation** [578]. **Influence** [1138, 1194]. **Influences**
 [1818, 1941]. **Information** [978, 527, 2142, 1824, 1809, 1311, 608, 1374, 1721,
 56, 1081, 469, 787, 505, 309, 1570]. **Information-theoretic** [978].
informationally [163, 1947, 306]. **Infraparticle** [1695]. **infrared** [843, 1200].
inhomogeneities [2191]. **inhomogeneity** [1818, 1941]. **inhomogeneous**
 [1235, 1020, 1749, 409, 451, 1401, 338, 329]. **Initial**
 [1445, 112, 886, 1920, 32, 57, 128, 176, 2069, 2050]. **Initial-boundary**
 [1445, 886, 57]. **Inner** [1095, 1413, 304, 2147]. **inspired** [1431, 1924].
Instabilities [320, 648, 883]. **Instability** [512, 1899]. **instantons**
 [1198, 1700, 255, 1869, 477]. **instruments** [1819]. **insulators** [2011]. **integer**
 [1109, 109, 212]. **Integrability**
 [513, 1726, 2159, 284, 2086, 275, 1432, 1828, 16, 239, 2043, 1508, 206, 549, 93,
 1852, 520, 1626, 1389, 2048, 243, 2081, 144, 1347, 1666, 899]. **Integrable**
 [1537, 897, 1252, 1173, 2121, 435, 1206, 427, 94, 1610, 1643, 25, 792, 1223,
 1762, 552, 1473, 1898, 2028, 537, 2170, 1177, 790, 948, 1629, 1627, 2053, 1900,
 1539, 1969, 1559, 2045, 2205, 620, 1348, 1097, 1790, 434, 256, 1983, 2044, 724,
 812, 1135, 1411, 1846, 924, 1808, 134, 1962, 241, 822, 853, 150, 1318, 75, 1144,
 1928, 618, 947, 2014]. **Integral** [1329, 119, 936, 569, 1661, 1603, 1788, 1357,
 1589, 1398, 691, 41, 881, 1231, 1355, 1296, 1495, 699, 1139, 572]. **integrals**
 [2091, 2181, 1829, 2043, 585, 1080, 1736, 1562, 1320, 1208, 676, 2019, 398,
 1528, 960, 2144, 1693, 2016, 1597, 79, 107, 6, 104, 91, 254]. **Integration**
 [278, 1750, 2186, 1273, 878, 2175, 2065, 2126]. **intense** [185]. **Interacting**
 [1284, 575, 1923, 1429, 71, 1994, 1175, 1772, 1714]. **Interaction** [1505, 18,
 1126, 959, 1063, 861, 1671, 1376, 2098, 1232, 1180, 800, 85, 118, 1547, 1040].
interactions [468, 709, 2031, 1085, 653, 188, 882, 1803, 1797, 750].
interesting [1397]. **interface** [126, 418]. **Interference** [2115].
interferometer [677]. **interior** [1327, 1802]. **intermediate** [983, 388].
International [1690]. **interpolation** [253, 437]. **interpretation**
 [1949, 1571]. **Intersecting** [752]. **interspersion** [221]. **intertwiner** [516].
Intertwining [1853, 1096, 1868, 981]. **interval** [1809]. **Intrinsic** [556, 807].
introduces [2142]. **Introduction** [1670, 1048, 2014, 348]. **invariance**
 [662, 1823, 262, 827, 11]. **Invariant**
 [980, 1328, 461, 1835, 1226, 611, 1244, 1492, 1370, 1136, 1098, 831, 237, 283,
 2187, 1204, 948, 1893, 1209, 470, 492, 1582, 339, 308, 1750, 1507, 1389, 1533,
 420, 1300, 1095, 1368, 1278, 450, 817, 1567, 2192]. **Invariants** [1512, 617, 258,
 459, 1813, 2210, 1440, 1968, 914, 769, 1146, 451, 182, 2151, 1401, 1981].
Inverse [1809, 1912, 2084, 1335, 1583, 891, 666, 146, 1034, 962, 791, 1935,
 654, 1019, 1597, 1775, 813, 31, 388]. **Inversible** [256]. **Inversion** [105].
inverted [2177, 2207]. **Investigation** [610, 1711, 954]. **Inviscid**
 [1068, 1060, 2058]. **invisibility** [1394]. **involution** [564]. **involving**
 [1400, 1343, 1045, 2180]. **ionized** [2058]. **Irreducible**
 [1884, 630, 551, 1343, 152, 274, 1396, 1950, 405, 192, 1659, 392, 482, 629, 742, 35].
Irreversibility [1090]. **irreversible** [1139]. **Ishimori** [1891]. **Ishimori-I**

[1891]. **Ising** [1991, 2017, 188, 1448, 1719, 85]. **Isochronous** [582, 1174]. **isochrony** [2159]. **isoholonomic** [39]. **isolated** [1211]. **isometries** [1789]. **isometry** [1871]. **isomonodromic** [1751]. **isomorphism** [1607, 1636, 14]. **Isomorphisms** [795]. **isoperimetric** [1726, 217]. **isospectral** [1868]. **Israel** [837]. **Issue** [1670, 1048, 2014, 1305, 1610, 1643]. **iterated** [1154]. **Iteration** [1965, 641, 1511, 719]. **iterative** [499]. **IV** [1490, 1396, 603]. **Ivanov** [1932]. **Iwahori** [1261]. **Iwatsuka** [168]. **IX** [284, 520].

J [1588, 2201, 2195, 2216, 1498, 2206, 628, 441, 630, 2196, 1330, 1499, 2197, 1566, 302, 860, 2141, 2203, 2210, 2207, 1415, 1456, 987, 2215, 1365, 1609, 2212, 1236, 212, 2096, 2209, 211, 2214, 1608, 568, 900, 2095, 301, 467, 668, 2205, 2211, 2204, 347, 1758, 1790, 1329, 1834, 1116, 1117, 1940, 2198, 1414, 501, 2208, 37, 263, 1227, 2213, 440, 1118, 629, 38, 961, 934, 2097, 2199, 2202, 1157, 899, 2200, 104, 1941, 1907]. **J.** [2217]. **Jacobi** [855, 624, 137, 1241, 1112, 382, 522, 914, 1354, 1888, 79, 898, 1560, 82, 665, 1360]. **Japanese** [1691]. **Jarlskog** [2187, 2192]. **Jarzynski** [1020]. **Jaynes** [941, 443, 2086]. **jets** [1652]. **Jimbo** [693]. **Johnson** [543]. **Joint** [1419, 1121]. **joint-measurement** [1121]. **Jones** [1709]. **Jordan** [2198, 1830, 77]. **jordanian** [380]. **Journal** [1759, 2142, 1863]. **Jump** [1598, 1805, 1516]. **jumps** [2143, 1985].

Kac [729, 1527, 191, 495, 398, 1754, 2153, 638]. **Kadomtsev** [567, 725, 1318]. **Kähler** [2096, 173, 291, 1937, 1238, 1293]. **Kalb** [178]. **Kaluza** [2047, 614, 910, 473]. **Kanai** [1711]. **Kantor** [534]. **Karhunen** [1216]. **Karman** [2110]. **Karpelevich** [1528]. **Kato** [1060]. **Kato-type** [1060]. **Kauffman** [1149, 1857]. **Kaup** [2171, 293, 150]. **Kazhdan** [944]. **KdV** [899, 404, 549]. **Kemmer** [1342, 641, 2196, 1108]. **Kepler** [441, 939, 440, 180, 282, 1621, 1948, 828, 640, 1013]. **kernel** [1706, 490, 777, 738, 1641, 1384, 595, 696, 213, 119, 1642]. **kernels** [1641, 1685, 378]. **Kerr** [911, 178, 556, 579, 616, 774]. **Kertész** [1472]. **ket** [506]. **Khokhlov** [2067]. **kicked** [1793, 390, 69]. **Killing** [524, 695, 515, 646, 206, 546, 1345, 227, 544]. **Kinematical** [1524]. **kinematics** [106, 487, 542]. **Kinetic** [1722, 1991, 219, 347, 335, 720, 484, 883]. **kinetics** [1656, 884]. **Kinks** [2163]. **Kirchhoff** [1800]. **Kirkpatrick** [1671]. **Klauder** [1415, 1456, 1233, 1334, 114]. **Klein** [1880, 616, 1703, 1668, 1127, 2047, 553, 1635, 2074, 614, 789, 1728, 383, 711, 1798, 473]. **Knizhnik** [875]. **knot** [908, 451, 450]. **knotlike** [748]. **known** [44]. **Kochen** [1158, 360, 165]. **Kolmogorov** [2057]. **Kondo** [1084]. **Korean** [1691]. **Korteweg** [961, 2159, 1970, 1878, 683, 845, 1559, 1536, 1886, 970, 889, 894]. **Korteweg-type** [1878]. **Koszul** [400]. **KP** [1887]. **Krajewski** [1859]. **Kramers** [1317]. **Kravchuk** [1415, 1233]. **Kreimer** [276]. **Krein** [770]. **Krieger** [339]. **Kullback** [1843]. **Kupershmidt** [790, 293].

Labeling [1934]. **Ladder** [443, 928]. **Ladik** [1523].

ladungskonjugationsoperators [1301]. **Lagrange** [1732, 81, 1293].
Lagrangian [2201, 2216, 1499, 2203, 2042, 239, 1018, 946, 893, 957, 2080, 1712, 1639, 273, 1064, 525, 1139]. **Lagrangians** [1294, 1560]. **Laguerre** [1400, 658, 526, 2006]. **Laguerre-type** [2006]. **lamb** [1787, 588]. **Lambert** [2032]. **Lamé** [1103]. **Lanczos** [1508]. **Landau** [423, 349, 1375, 186, 1130, 351, 353, 354, 355, 1939, 356, 1632, 68, 1580, 1982, 358, 1993, 2081, 348, 317]. **Landau-like** [68]. **Landauer** [110, 1616, 952]. **landscapes** [148, 1338]. **Lane** [1711]. **Langevin** [2184, 1930, 1990, 696]. **languages** [1487]. **Laplace** [1328, 593, 2009]. **Laplace-type** [2009]. **Laplacian** [280, 1485, 1553, 651]. **Laplacians** [1964]. **Large** [771, 412, 1142, 1283, 57, 873, 507, 283, 156, 105, 1066, 1540, 32, 175, 1707]. **Large-** [412, 175]. **Large-order** [507]. **large-scale** [283]. **Large-time** [57]. **largest** [1402, 1734, 1960, 86]. **laser** [1595]. **laser-induced** [1595]. **last** [898, 1560]. **lattice** [350, 990, 770, 1252, 1014, 933, 956, 1206, 2061, 769, 1879, 1539, 74, 917, 1601, 334, 1533, 1535, 1425, 457]. **lattices** [2148, 1898, 2114, 897, 1252, 1705, 1795]. **Laurent** [676, 1026]. **law** [975, 1047, 1024, 1844, 1679]. **laws** [1439, 943, 404, 299, 1738, 179, 1047, 1640, 781, 142, 584]. **Lax** [2131, 1956, 179, 2079, 788, 65, 753]. **layer** [704, 1070, 1802, 2062]. **layered** [1327]. **layers** [837, 1046, 721, 1093]. **leaky** [217]. **Least** [903]. **leaves** [1598]. **Lee** [1270]. **Leffler** [1930]. **Lefschetz** [1010]. **Left** [907, 1584]. **Left-** [907]. **Leibler** [1843]. **Leibniz** [1606]. **lemma** [297]. **Lenard** [1779]. **length** [1781, 1231, 1039, 995, 2185, 1567, 1023, 1818, 1941]. **lengths** [825, 1254]. **lens** [1717]. **lensing** [579, 1955, 1010]. **Lenz** [2162]. **Lepton** [907]. **Leutwyler** [1528]. **Level** [99, 1612, 862, 125, 264, 1699, 2086, 1682]. **levels** [1375, 325, 221]. **Lévy** [975]. **Lewis** [645]. **liberation** [1488]. **Lichnerowicz** [1964]. **Lie** [1380, 275, 2099, 2165, 798, 389, 103, 602, 1358, 1524, 2078, 1725, 2193, 59, 1837, 289, 1816, 1177, 1606, 1550, 1665, 498, 1003, 1209, 1998, 1848, 1900, 1156, 2071, 856, 1971, 1222, 620, 1220, 1097, 2076, 1587, 1276, 14, 434, 420, 859, 294, 491, 1904, 534, 1983, 2044, 204, 431, 601, 1217, 813, 667, 88, 429, 979, 1151, 1401]. **Lieb** [1599, 1363, 463]. **Liénard** [1983, 2044]. **Liénard-type** [1983, 2044]. **Lifshitz** [2081]. **Lifting** [224]. **lifts** [1732]. **Light** [2021, 685, 1953, 953, 185]. **Light-cone** [2021]. **light-mass** [185]. **like** [913, 68, 668, 488, 235, 437, 177, 1783]. **likelihood** [1212, 2119, 2199]. **Limit** [87, 1159, 1592, 1961, 1620, 937, 1825, 1143, 2089, 238, 373, 76, 1279, 861, 1952, 1060, 260, 863, 1613, 2177, 2207, 793, 2023, 1683, 1059, 369, 560, 1395, 2022, 1807]. **Limiting** [781, 155, 987, 887, 1685]. **limits** [1760, 428, 1142, 1455, 1187, 1120, 2178]. **Lindstedt** [1014, 2057, 481, 381]. **line** [1651, 1989, 156, 1629, 157, 1255, 1041, 1544, 892, 89, 1472, 1155, 1459]. **Linear** [1164, 2216, 946, 719, 1248, 693, 1958, 2045, 2205, 2064, 415, 781, 220, 1581, 8, 38]. **linearization** [280, 1225]. **linearized** [1828, 1465, 210, 587, 650]. **linearly** [969]. **lines** [165]. **link** [258, 2151]. **link-invariants** [258]. **linking** [1357]. **Liouville** [1943, 1263, 713, 2129]. **Liouvillian** [1202, 1768].

Lippmann [543]. **liquid** [354, 1632, 1543]. **liquid-vapor** [1632]. **liquids** [29].
list [2053]. **little** [855]. **Liu** [1256]. **lives** [2217]. **Livine** [2109]. **Lobatto**
[1586]. **Local** [60, 273, 1753, 616, 176, 2131, 136, 1716, 748, 1398, 712, 314,
357, 1685, 2004, 365, 1345, 1339, 1076, 1763, 446, 22, 1607]. **localizable** [309].
Localization [843, 800, 1698, 268]. **localized** [590, 847]. **locally**
[1688, 183, 49, 618, 947]. **LOCC** [215]. **Loève** [1216]. **Loewner** [1842]. **log**
[1175, 2119, 2199]. **log-likelihood** [2119, 2199]. **log-partition** [1175].
logarithm [2060, 1243]. **Logarithmic** [1096, 944, 912, 1856, 2137, 2105].
logarithmically [702]. **logic** [10, 1232, 2149]. **logics** [2036]. **logistic** [2160].
Long [1959, 683, 1546, 1757, 188, 80, 388, 1023, 1797, 1547, 1040].
long-range [1797]. **Long-time** [683, 1546]. **long-wave** [1757]. **longitudinal**
[1131, 883]. **look** [1262]. **loop**
[611, 1842, 1704, 1025, 2038, 2163, 1900, 676, 476, 834, 772, 1892, 399]. **loops**
[217, 106, 1507, 1175]. **Lorentz**
[468, 170, 913, 1607, 2001, 1167, 405, 192, 2154, 2101, 1480].
Lorentz-force-like [913]. **Lorentz-violating** [468]. **Lorentzian**
[1499, 874, 880, 1302, 1390, 893, 1102, 1346, 2183, 1665, 1592]. **Lorenz** [1136].
Loss [1678]. **Lotka** [1473, 960]. **Lovelock** [1427, 752, 281]. **Low**
[2039, 1946, 583, 1967, 843, 1486, 885, 1550, 916, 467, 64, 859, 560, 820, 1000].
low-dimensional [859]. **Low-energy** [2039, 1946, 467, 64]. **Low-frequency**
[583]. **Low-regularity** [1967]. **Lower** [1615, 2195, 2114, 1520, 510].
Lower-dimensional [1520]. **Lüders** [1324, 1457, 1340, 2094]. **LUE** [385].
Luke [1114]. **Lusztig** [944]. **Lusztig-dual** [944]. **Lyapunov**
[628, 518, 973, 788]. **Lyra** [1386, 1766].

Macdonald [2029]. **macroscopic** [1546, 483, 1980]. **macrostates** [689].
made [1479, 290]. **magnet** [659]. **Magnetic**
[1141, 138, 476, 1008, 743, 631, 540, 865, 193, 686, 1850, 956, 615, 1838, 1384,
674, 900, 71, 1851, 580, 167, 161, 154, 13, 1045, 800, 817, 883, 507, 473].
magnetizable [1914]. **magnetization** [1719]. **magnetoencephalography**
[1730]. **magnetohydrodynamic** [1577, 1069]. **magnetohydrodynamic-**
[1069]. **magnetohydrodynamics** [1780, 322, 2058]. **magnification**
[1799, 1978, 1981]. **magnitude** [1580]. **Majumdar** [580]. **malicious** [1171].
Mallows [2022]. **Mandelstam** [164]. **manifold**
[841, 1942, 326, 585, 1080, 244, 1026, 743]. **manifolds**
[709, 726, 151, 1932, 695, 1628, 1112, 1346, 1270, 81, 1897, 291, 546, 1515,
1463, 1257, 1412, 597, 1043, 557, 2162, 1145, 1414, 1835, 376, 1763, 2105].
Manin [1430]. **Manipulation** [1774]. **Mann** [698, 1000]. **Many**
[1949, 930, 1224, 709, 938, 1189, 776, 519, 402, 1281, 838, 157, 2035, 2086].
Many-body [930, 1224, 776, 519, 402, 157, 2035]. **many-mode** [2086]. **Map**
[754, 1453, 886, 2160, 1763, 1378, 2161]. **Mapping** [1312]. **mappings**
[1992, 1720, 1336, 1846]. **Maps** [1379, 238, 1370, 997, 1263, 1374, 2070, 1658,
381, 1761, 1359, 574, 1298, 724, 728, 1955, 1911, 1378, 374, 1266]. **marginally**
[893, 1499]. **margins** [111]. **Markov** [779, 1020, 1534, 563, 2136, 884].

Markovian [1317, 432, 657, 1237, 1654]. **Mass** [1181, 116, 1011, 1346, 764, 1993, 1336, 383, 185, 307, 1695]. **masses** [907]. **Massive** [931, 278, 911, 16, 676, 1296, 374]. **Massless** [1509, 880, 1385, 611, 1452, 1828, 18, 1127, 2023, 2130, 366]. **master** [2143, 1886, 1654, 43]. **material** [584]. **materials** [409]. **Math** [1588, 2201, 2195, 2216, 1498, 2206, 628, 441, 630, 2196, 1330, 1499, 2197, 1566, 302, 860, 2141, 2203, 2210, 2207, 1415, 1456, 987, 2215, 1365, 1609, 2212, 1236, 212, 2096, 2209, 211, 2214, 1608, 568, 900, 2095, 301, 467, 668, 2205, 2217, 2211, 2204, 347, 1758, 1790, 1329, 1834, 1116, 1117, 1940, 2198, 1414, 501, 2208, 37, 263, 1227, 2213, 440, 1118, 629, 38, 961, 934, 2097, 1907, 2199, 2202, 1157, 899, 2200, 104, 1941]. **Mathematical** [1759, 508, 164, 1680, 1690, 2142, 1863, 716, 1681, 942, 1170, 958, 1084, 535, 1169, 1955, 2153, 2185, 483, 1724, 1048]. **mathematics** [1061]. **matrices** [627, 1218, 1032, 1956, 993, 1973, 258, 257, 1794, 732, 2187, 1960, 1562, 2087, 395, 492, 839, 1976, 101, 1022, 1363, 1220, 1590, 1475, 497, 564, 1267, 924, 1808, 1287, 86, 2192, 134, 1966, 1862, 288, 1360]. **Matrix** [2155, 1028, 77, 842, 855, 1927, 1804, 1751, 2002, 732, 925, 1025, 658, 1593, 526, 445, 1938, 1514, 2021, 1854, 891, 162, 101, 1507, 782, 332, 781, 1720, 1441, 1395, 2097, 1907]. **Matrix-valued** [1028, 332]. **matter** [578, 1203, 1563, 1449, 376, 808, 1767]. **Maurer** [2193, 59, 251]. **Max** [386, 256]. **Max-Plus** [256]. **Maxima** [1444]. **Maximal** [1973, 109, 212, 1269, 2044]. **Maximally** [1007]. **maximization** [330, 2095]. **maximizer** [1431]. **Maximizing** [2117, 1883]. **Maximum** [1212, 864, 591, 1721, 1288]. **Maxwell** [178, 770, 1860, 1134, 852, 1814, 318, 124, 1047, 1529, 1664, 1872, 483, 2174]. **Mean** [1825, 1011, 1923, 1772, 2031, 87, 1675, 55, 1847, 2187, 217, 1881, 1685, 1682, 1844]. **mean-chord** [217]. **Mean-curvature** [1011]. **Mean-field** [1772, 1685]. **means** [222, 898]. **measure** [1087, 1947, 1661, 2175, 912, 2146, 801, 1219, 1696, 2194, 741]. **measurement** [1121, 1219, 2172, 1459]. **measurements** [1821, 829, 1331, 1333, 745, 12, 469, 701, 1285, 1457, 1082]. **measures** [1825, 163, 1674, 634, 311, 1522, 12, 978, 2061, 339, 261, 1646, 306, 2128, 1533]. **mechanical** [1513, 1017, 681, 1881, 1138, 1500, 671, 1211, 1890, 1874, 5, 263, 1278, 368, 65, 1139]. **Mechanics** [1670, 2014, 1305, 1610, 1643, 637, 872, 1866, 196, 1530, 346, 524, 506, 384, 108, 76, 1604, 523, 1501, 1197, 270, 1949, 1460, 1669, 1367, 1974, 371, 1849, 2102, 452, 1208, 612, 568, 1156, 1228, 1906, 1618, 528, 1207, 1122, 1693, 2016, 1701, 1975, 655, 367, 14, 744, 765, 1124, 83, 422, 720, 1433, 66, 1016, 804, 1459, 1840, 873, 2178, 1870]. **mechanism** [1797]. **media** [2059, 840, 550, 1486, 1054, 1749, 119, 1581]. **medium** [222, 1914, 1327, 424, 2206, 1994]. **Melnikov** [2113, 1650]. **membrane** [229, 1103]. **membranes** [2010, 77]. **memory** [696, 2110, 2161]. **Menger** [2166]. **Meromorphic** [753]. **Mesner** [1773]. **Mesonic** [1535]. **mesoscopic** [352, 355]. **metallic** [685]. **metaplectic** [850]. **metastable** [588]. **Method** [1898, 91, 1860, 641, 1792, 2113, 888, 1628, 2043, 197, 1077, 719, 1741, 1583, 1894, 891, 1600, 684, 839, 1449, 1528, 347, 335, 2144, 499, 2167, 323, 1026,

2127, 45, 1775, 716, 2126, 85, 619, 1783, 604, 462, 1040, 1724, 1928]. **methods** [1586, 972, 1970, 2164, 162, 1447]. **metric** [862, 911, 1509, 1166, 1498, 22, 645, 1164, 1277, 910, 1423, 774]. **metric-affine** [910]. **metrics** [968, 1302, 1381, 1811, 1204, 1427, 1209, 1344, 1221, 2068]. **metriplectic** [1137]. **MHD** [253]. **MIC** [828]. **Michelson** [677]. **microlensing** [1955, 2153]. **micropolar** [2088]. **Microscopic** [1994, 1518]. **MICZ** [939]. **MICZ-Kepler** [939]. **Mills** [785, 1116, 1406, 726, 803, 371, 1850, 1557, 72, 370, 873, 374, 1520]. **Mima** [342, 879]. **mimetic** [78]. **minima** [1556]. **Minimal** [1673, 836, 1567, 631, 1566, 1428, 1781, 944, 1280, 434, 825, 1231, 1856, 1254, 1039, 995, 2069]. **Minimally** [701, 72]. **minimization** [1721]. **minimizers** [357]. **Minimizing** [1812]. **Minimum** [365, 1024, 2097, 1907, 1676, 500, 1796]. **Minimum-error** [2097, 1907, 1796]. **Minkowski** [2215, 668, 1006, 1896, 530, 475, 635, 1251, 333, 1354, 1888, 1153, 2041, 488, 1445]. **mirror** [314, 471]. **mirror-** [471]. **Mittag** [1930]. **Mittag-Leffler** [1930]. **Miura** [737]. **Miwa** [693]. **Mixed** [2168, 123, 113, 2097, 1907, 1796, 1663, 617, 1146]. **mixing** [442, 1152]. **mixtures** [1633, 247]. **mKP** [1887]. **modality** [1949]. **mode** [125, 581, 1453, 121, 2086, 883]. **model** [1470, 610, 1213, 349, 611, 1991, 36, 1615, 2195, 380, 174, 2017, 1386, 613, 874, 1314, 354, 1634, 373, 1751, 16, 53, 1959, 2020, 1672, 70, 1465, 519, 402, 1281, 2046, 508, 1068, 475, 245, 242, 706, 27, 2182, 283, 1270, 1632, 2026, 1591, 92, 1044, 1365, 1583, 1491, 941, 1938, 951, 916, 1170, 958, 2121, 124, 1435, 171, 443, 1070, 266, 988, 1517, 223, 1852, 358, 1507, 502, 2051, 782, 1543, 407, 1993, 821, 1152, 1447, 1551, 2081, 882, 963, 952, 392, 294, 2130, 1169, 1720, 140, 919, 1288, 348, 1865, 656, 1227, 366, 1075, 168]. **model** [2022, 1859, 85, 1423, 1682, 8, 38, 241, 2012, 1313, 471, 485, 221]. **modeling** [1548]. **Models** [1610, 1643, 842, 627, 943, 908, 1762, 1733, 278, 759, 1183, 1804, 589, 1619, 749, 303, 280, 653, 188, 2028, 925, 1496, 719, 356, 658, 1989, 944, 30, 1248, 1180, 1881, 333, 973, 2163, 1823, 1854, 1065, 755, 974, 1099, 1685, 1546, 1069, 1408, 319, 1540, 781, 1437, 1856, 1021, 1929, 1649, 1476, 2103, 1395, 63, 2086, 1567, 642, 1538, 185, 669, 1293, 922, 1800, 871, 457, 1678, 2014]. **modes** [1452, 1768, 2116]. **Modified** [667, 961, 889, 1970, 1110, 242, 683, 1775, 388, 970, 1318, 894]. **modular** [769, 1238, 835, 1148]. **Modulational** [1899]. **module** [986]. **modules** [1413, 983, 1641, 2071, 2169, 1659, 1316]. **Moduli** [1550, 784, 2141]. **Moerbeke** [1441]. **moist** [730]. **molecular** [1501]. **molecule** [936, 884]. **molecules** [1314, 1443, 213, 393]. **Moment** [111, 1821, 1281, 1739, 1280, 672, 1646]. **momenta** [585, 994]. **Moments** [1862, 101, 1687]. **momentum** [1908, 608, 1912, 1077, 1190, 66, 1459, 606]. **monodromies** [909]. **monodromy** [1735, 2064, 1430]. **monodromy-free** [1735]. **Monogamy** [1645, 868]. **Monomial** [1320]. **Monopole** [313, 928, 476, 127, 1322, 806, 473]. **Monopole-antimonopole** [313]. **monopoles** [1850, 580, 743]. **monotone** [2097, 1907]. **monotones** [470].

monotonicity [779, 56, 1462]. **Monte** [398]. **Moody** [495, 729, 1527, 191, 1754, 638]. **Moore** [1057]. **Morse** [1456, 1334, 579, 1336]. **Morse-theoretical** [579]. **Moser** [2057, 93, 1855]. **most** [1697]. **Motion** [573, 614, 1329, 1918, 1726, 1174, 2164, 1713, 586, 1086, 1989, 814, 2010, 1153, 2122, 881, 2144, 1693, 2016, 1654, 1767]. **motions** [229]. **Mott** [1419]. **Moutard** [897]. **Movable** [1782]. **move** [2127]. **moving** [841, 2073, 886, 1933]. **Moyal** [869, 927, 2123, 143, 72, 383]. **Mullins** [1722, 2050]. **Multi** [1514, 255, 1869, 425, 470, 753, 1523]. **Multi-Hamiltonian** [1514, 753, 1523]. **Multi-instantons** [255, 1869]. **multi-overlap** [425]. **multi-qubit** [470]. **multiboson** [926]. **multibranching** [1598]. **multicomponent** [1025, 1605, 150]. **multiconnected** [1812]. **multicuts** [1869]. **Multidimensional** [1177, 962, 1195, 654, 1541, 1560, 1249, 1144]. **multifractional** [1104]. **multilayered** [1901]. **multilevel** [702]. **multilinear** [144, 2085]. **multimaterial** [1449]. **Multimedia** [1759]. **multimonopoles** [292]. **multioverlaps** [1671]. **Multiparameter** [2100, 1218, 1470, 627]. **Multiparticle** [1272, 1124]. **multipartite** [636, 1310, 446]. **multiphase** [320]. **Multiple** [460, 285, 2178, 1248, 676]. **multiples** [1275]. **multiplet** [1029]. **multiplets** [575]. **Multiplicativity** [1269, 109, 212, 574]. **multiplier** [898, 1560]. **Multipolar** [236]. **Multipole** [876, 1972]. **multiqubit** [541, 1083]. **Multiresolution** [1109, 196]. **Multispecies** [189]. **multistate** [627]. **Multisymplectic** [1814, 1586, 852, 1757, 1240, 421, 725]. **multitime** [560]. **multivariable** [1091]. **multivariate** [1552, 1179, 398]. **multivector** [421]. **multivortex** [20]. **Muoniumlike** [73]. **mutual** [469]. **Mutually** [993, 44, 1794].

Nagumo [58]. **Nagy** [65]. **Nahm** [2123]. **Naimark** [1404]. **naked** [514]. **Nambu** [1995, 121]. **names** [1691]. **nanostructure** [343]. **nature** [2092]. **Navier** [1758, 1060, 1052, 1049, 1771, 1652, 1055, 1050, 2049, 1558, 1755, 1051, 1653, 1053, 1353, 1988, 2180]. **Near** [279, 350, 1738, 1443, 1979, 1289]. **near-horizon** [1979]. **Necessary** [23, 160]. **necessity** [1906]. **neck** [1548]. **need** [1864]. **negative** [1747, 2146, 504]. **negativity** [793]. **neighborhood** [1086]. **Nelson** [1367, 1613, 366]. **nerve** [1446]. **Nested** [627, 257]. **networks** [1687, 1688, 1245, 1542, 1773, 1149, 1857, 1818, 1941]. **Neumann** [2170, 1444, 1127, 1195, 886, 1457, 1250, 2117, 334, 13, 563, 432]. **Neumark** [902]. **neural** [1687]. **neutral** [1985, 2052]. **neutrino** [1152]. **neutrinos** [907, 931]. **neutron** [2031, 846]. **Neveu** [225]. **Newell** [2171, 150]. **Newman** [556, 579, 774]. **Newton** [654, 1347, 1714]. **Newtonian** [1965, 618, 947]. **Nichols** [1297]. **Nicole** [610]. **nilgeometric** [8, 38]. **Nilpotent** [430, 1391, 1097]. **nilradical** [813]. **Nine** [1618]. **NLS** [193, 650]. **No** [18, 1125, 304, 2036, 44, 1008]. **No-cloning** [304, 2036]. **Nodal** [1045, 460, 1743]. **Noether** [637, 400, 207]. **noise** [1612, 975, 2075, 560, 185]. **Non** [468, 272, 651, 1447, 1510, 545, 450, 1808, 1927, 2131, 1317, 1599, 1392, 2182, 748, 2102, 2146, 1303, 477, 366, 667, 924, 618, 947, 1571]. **Non-Abelian**

[272, 545, 450, 1392, 2182, 748, 1303, 477, 667]. **Non-Borel** [1447]. **non-Fock** [366]. **Non-Hermitian** [468, 1927, 1571]. **Non-imprisonment** [1510]. **Non-Laplacian** [651]. **non-Markovian** [1317]. **non-negative** [2146]. **non-Newtonian** [618, 947]. **non-plane-wave** [2102]. **non-self-adjoint** [1599]. **Non-skew-symmetric** [1808, 924]. **non-ultra-local** [2131]. **nonanalytic** [1255, 1395]. **nonassociative** [1110, 406]. **Nonassociativity** [1422]. **nonautonomous** [1706, 1513, 2049, 2173, 2048, 1630, 618, 947]. **nonbacktracking** [1287]. **noncanonical** [988]. **noncentral** [711]. **nonclassical** [269, 1836]. **Noncommutative** [1861, 613, 1970, 1424, 1361, 452, 407, 821, 1764, 1866, 530, 874, 1530, 1110, 1554, 258, 475, 2015, 328, 1849, 179, 1041, 1228, 403, 1152, 461, 477, 806, 474, 747, 129, 1963, 822]. **noncommuting** [1003]. **noncompact** [738, 948]. **noncylindrical** [2110]. **nondecreasing** [1668]. **Nondegenerate** [1264, 246, 1457]. **nondistinct** [1739]. **Nondistributive** [1604]. **Nonequilibrium** [815, 1656, 419]. **Nonexponential** [1738]. **nonextensive** [1604]. **Nonholonomic** [1742, 244, 1442, 1017, 523, 1839, 81, 1138, 1156, 2045, 2205, 82, 761, 1963, 1156]. **nonhomogeneous** [1638, 324]. **Nonideal** [1433, 1989]. **nonincreasing** [997]. **noninertial** [1207]. **Nonintegrability** [548, 763]. **noninvariant** [1209]. **nonisentropic** [2174]. **Nonisolated** [2183]. **nonisospectral** [396, 933]. **Nonlinear** [458, 780, 329, 1635, 331, 32, 2085, 661, 2062, 721, 278, 299, 60, 1726, 1132, 737, 239, 135, 537, 1106, 2008, 2170, 210, 2114, 590, 719, 1741, 1180, 1631, 2074, 1100, 568, 891, 1222, 892, 1787, 659, 184, 320, 1072, 1042, 2125, 1043, 1502, 1705, 267, 616, 83, 1999, 666, 1353, 114, 1846, 57, 1155, 1769, 63, 1450, 1101, 1882, 2200, 1783, 462, 1899, 1724, 1928, 1727, 894, 1033, 1877]. **nonlinear-Schrödinger-type** [1101]. **Nonlinearizations** [894]. **Nonlinearizing** [2045, 2205]. **Nonlocal** [1969, 293, 404, 325, 464, 60, 819, 796, 136, 1256, 321, 1125, 1373, 1339, 1886, 970]. **nonlocality** [419, 2214, 1407, 2202]. **nonlocally** [819]. **Nonmalleable** [1824]. **nonmaximal** [1983]. **nonmerging** [221]. **nonmonotonic** [1090]. **nonorthogonal** [304]. **Nonperturbative** [2038, 905, 2039, 43]. **Nonrelativistic** [1270, 2089, 1952, 1695, 1820, 553, 116, 1309, 2178]. **Nonresonant** [883]. **nonscalar** [272]. **nonseparable** [1332]. **nonskew** [1267]. **nonsmooth** [254]. **Nonstandard** [1516, 455, 1877, 498, 1162, 746, 1157]. **nonstationary** [1518, 854]. **nonsymmetric** [467, 64]. **nonthreshold** [816]. **Nontopological** [124, 1889]. **nontranslational** [611]. **Nontrivial** [1906]. **Nonunitary** [981, 1218]. **nonvanishing** [891, 666]. **Nordstrom** [1768]. **norm** [1269]. **Normal** [226, 2004, 349, 2116, 336]. **normed** [2166]. **norms** [1321, 109, 212, 728].

Note
[1588, 628, 630, 302, 860, 212, 875, 2096, 2055, 2071, 301, 2205, 347, 1066, 501, 629, 38, 1941, 857, 1703, 131, 371, 1236, 2149, 2060, 1985, 558, 766, 2068, 2111].

Notes [1160]. **notion** [1712]. **Novel** [519, 402, 590, 1394]. **nuclear** [1723].

Null [1027, 137, 1170, 2107, 1169]. **Number**
[1149, 55, 1050, 308, 633, 1983, 1355]. **numbers** [885, 1105, 336]. **Numerical**

[1381, 356, 1052, 1447]. **NUT** [177]. **NUT-like** [177]. **Nutku** [1498, 1166].

objective [1435]. **oblate** [678]. **oblique** [1282]. **Observability** [249].

observable [2007, 1338]. **Observables**

[1183, 606, 503, 2120, 111, 2149, 805, 1865, 1504, 1564, 1806]. **observation** [54]. **Observers** [805, 1341]. **obstacle** [1055]. **obstacles** [1482].

obstructions [1347]. **obtain** [1783]. **obtained** [1260]. **obtaining** [197, 2144].

Obukhov [342]. **occupied** [1368]. **occurrence** [1090]. **octagons** [100].

octapolic [1730]. **octet** [698]. **octic** [1098]. **Octonic** [1710, 1701].

octonionic [1110]. **Odd** [1409, 1307, 247, 257]. **off** [1464, 1797]. **off-diagonal**

[1797]. **off-shell** [1464]. **Ohm** [1047]. **Okubo** [698]. **On-diagonal** [433].

on-resonance [1793]. **on-shell** [1464, 1925]. **One**

[1986, 125, 554, 145, 506, 1342, 901, 706, 1419, 1771, 686, 2038, 546, 157, 612, 676, 358, 1051, 1231, 89, 1657, 271, 1135, 2025, 2180, 268, 653, 239, 1356].

One-dimensional

[1986, 145, 1342, 706, 1771, 157, 358, 89, 271, 2025, 268, 653, 239, 1356].

one-loop [2038, 676]. **one-mode** [125]. **one-parameter** [901]. **one-peak**

[1135]. **ones** [732]. **only** [686, 312]. **Ono** [1718, 788]. **Onsager** [1068]. **Open**

[535, 236, 1317, 226, 952, 1338, 43]. **Open-closed** [535]. **operation** [2094].

Operational [218]. **operations** [448, 1340, 446]. **Operator**

[316, 1633, 163, 174, 1947, 444, 170, 634, 506, 311, 1522, 12, 99, 1901, 1376, 2037, 1761, 981, 2087, 1384, 1936, 2065, 674, 900, 1255, 543, 1851, 595, 672, 306, 1662, 1602, 2204, 390, 1529, 1664, 592, 692, 1124, 1045, 181, 1666, 664, 268, 298].

operator-valued [306]. **operators**

[1096, 976, 541, 1809, 1307, 895, 1853, 1452, 902, 166, 799, 103, 1358, 1599, 433, 1451, 1934, 957, 1704, 141, 1234, 2098, 928, 1897, 1362, 1737, 115, 1164, 801, 1578, 443, 1555, 2122, 339, 111, 1646, 1507, 994, 1793, 1573, 332, 500, 1300, 765, 1298, 1289, 1021, 846, 970, 231, 1403, 995, 259, 1083, 1963, 2009, 774, 850].

Oppenheimer [393]. **Optical** [644, 2102, 1957]. **optics**

[532, 347, 335, 426, 1117, 1882, 2200]. **Optimal**

[1111, 503, 1459, 1259, 1279, 1611, 398, 1775, 1436, 39, 1082]. **optimality**

[740]. **optimally** [847]. **Optimization** [718, 425]. **orbifolds** [1275]. **orbit**

[1180, 1362, 365, 800]. **orbital** [678]. **orbits** [681, 838, 1097]. **Order**

[1329, 1799, 1526, 1474, 786, 993, 959, 1524, 239, 1725, 2193, 1018, 419, 99, 486, 1736, 2187, 1782, 1343, 1702, 1894, 1182, 1987, 2121, 115, 1208, 1776, 199, 200, 394, 555, 603, 758, 921, 2190, 2211, 1326, 881, 2144, 1693, 2016, 319, 1701, 2052, 1411, 1886, 1723, 1797, 915, 2161, 1570, 507, 1446, 1033, 2050].

ordering [226, 336]. **Orders** [986, 233, 1399, 1650]. **ordinary**

[1837, 1736, 1782, 1969, 11, 1495]. **Ornstein** [687, 387]. **orthoalgebras** [509].

orthoatomistic [1477]. **orthochronous** [405, 192]. **Orthogonal** [1354, 1475, 494, 1734, 2135, 1481, 12, 526, 1938, 1922, 215, 1082, 466, 1287, 2077, 1815].

orthogonally [1345]. **orthonormalization** [1226, 980]. **oscillating** [1211].

oscillations [2159]. **Oscillator** [1336, 1388, 759, 2216, 1661, 1342, 2184, 1191, 1390, 861, 946, 539, 1594, 1781, 253, 2055, 493, 969, 401, 1545, 1162, 1597,

1711, 1904, 1877, 67, 1254, 1476, 1434, 542, 2077]. **oscillators** [468, 1572, 537, 1419, 818, 639, 1874]. **Oseen** [357]. **OSRC** [604]. **Osserman** [291]. **Ostrogradsky** [2127]. **OSV** [836]. **other** [2031]. **output** [1269]. **Overlap** [783, 425, 1154].

packet [2005]. **packets** [998, 75]. **packings** [1436]. **Page** [24]. **Painlevé** [645, 1343, 693, 1225, 1753, 2139, 1602, 2016, 898, 1729, 1101]. **pair** [343]. **pairs** [2131, 1868, 2079]. **pants** [90]. **Papapetrou** [807, 580]. **parabolic** [71, 2190, 2211]. **parabosons** [1262]. **parafermionic** [2024]. **parallel** [1847, 1199, 1892]. **parameter** [1526, 901, 794, 1976, 1587, 1243, 1210]. **parameterization** [2118]. **parameters** [1961]. **Parametric** [828, 1274, 1135]. **Parametric-time** [828, 1274]. **Parametrization** [645, 862, 345, 395, 492, 482, 629]. **parametrized** [950, 270]. **paraparticles** [915]. **parity** [170]. **Parr** [302, 203]. **Parseval** [327]. **part** [615]. **Partial** [149, 1155, 1809, 233, 819, 737, 1579, 1789, 34, 975, 1285, 2128, 1129, 1205, 1397, 1724]. **partially** [189, 582, 1879, 2058, 953, 1144]. **Particle** [2124, 874, 506, 631, 229, 861, 2196, 1656, 326, 573, 286, 161, 1108, 67, 906, 787, 1254, 517, 750, 1889]. **particles** [236, 1131, 424, 2206, 938, 880, 701, 2108, 1994, 45, 731, 1505, 525, 772]. **particular** [275, 1170]. **Partition** [474, 2012, 2017, 1687, 1751, 1672, 643, 958, 1471, 1175]. **partitions** [87, 1739, 2024]. **partly** [846]. **passage** [1688]. **Passive** [1341]. **past** [1055]. **Pasta** [1014]. **Path** [41, 52, 936, 569, 691, 679, 398, 1326, 1597, 1231, 1002, 804, 1818, 1941]. **Paths** [2024, 1538]. **patterns** [97, 1783]. **Pauli** [172, 444, 373, 1973, 1421, 825, 497]. **PDE's** [552]. **peak** [1135]. **peakons** [1715]. **peaks** [1790, 812]. **peculiar** [1689]. **Peel** [1291]. **Peierls** [188]. **penetrable** [604]. **perceptron** [1682]. **percolation** [1688]. **Pereira** [2109]. **Perelomov** [1415, 1233]. **perfect** [1386, 733, 581, 1702, 1644, 1717, 1394]. **performance** [1611, 604]. **period** [1142]. **Periodic** [242, 2129, 1551, 681, 539, 550, 1486, 838, 573, 240, 2049, 956, 1071, 1997, 1578, 1113, 308, 633, 755, 974, 1517, 1756, 52, 626, 1529, 800, 5, 1967, 1779, 774, 1660, 1545]. **periodically** [390, 69]. **Periods** [1829]. **permittivity** [1285]. **permutation** [1709, 1275]. **permutative** [1902]. **perpendicular** [1841]. **Perron** [339]. **perspective** [474]. **Perturbation** [1413, 1033, 816, 412, 1078, 1349, 1837, 99, 1738, 1376, 1600, 598, 1783, 507, 1832]. **perturbations** [554, 1509, 1202, 282, 2098, 649, 1285, 378, 548, 1013]. **Perturbative** [2104, 43, 1464, 228]. **Perturbed** [839, 1062, 854, 1600, 1058, 1529, 1664, 58]. **Petiau** [2196, 1342, 641, 1108]. **Petrova** [1932]. **Petviashvili** [567, 725, 1318]. **Phase** [169, 1078, 672, 1557, 2033, 744, 1698, 1495, 572, 1307, 316, 2176, 245, 1671, 1197, 270, 1632, 249, 2003, 29, 1841, 111, 1543, 1478, 1571, 187, 154, 1975, 1689, 271, 699, 265, 1864]. **Phase-integral** [572, 699]. **phases** [2140, 492, 2192]. **phenomena** [1864, 1660]. **Phillips** [65]. **photon** [1371, 1816, 612, 1355, 1382, 1774]. **photons** [1008]. **Phys**

[1588, 2201, 2195, 2216, 1498, 2206, 628, 441, 630, 2196, 1330, 1499, 2197, 1566, 302, 860, 2141, 2203, 2210, 2207, 1415, 1456, 987, 2215, 1365, 1609, 2212, 1236, 212, 2096, 2209, 211, 2214, 1608, 568, 900, 2095, 301, 467, 668, 2205, 2211, 2204, 347, 1758, 1790, 1329, 1834, 1116, 1117, 1940, 2198, 1414, 501, 2208, 37, 263, 1227, 2213, 440, 1118, 629, 38, 961, 934, 2097, 1907, 2199, 2202, 1157, 899, 2200, 104, 1941]. **Phys.** [2217]. **Physical** [1423, 208, 1822, 1489, 686, 703, 1275, 549, 899]. **Physics** [1690, 874, 1487, 1488, 1489, 1490, 535, 561, 1724, 1759, 2142, 1863]. **Picard** [314, 909]. **Pickands** [1037]. **piecewise** [1935]. **piecewise-constant** [1935]. **pinch** [1548]. **Pinning** [349]. **pipe** [1933]. **Pitaevskii** [1190, 2139, 1113, 1356, 1455]. **Planar** [247, 685, 1841, 960, 2093, 561, 656, 1227]. **Planck** [589, 1092, 1091]. **Planckian** [407]. **Plane** [1582, 1861, 798, 1726, 1174, 180, 441, 1191, 2090, 1049, 705, 594, 2102, 1885, 72, 677, 440]. **planes** [143]. **plasma** [1860, 1595, 300, 883]. **plasmas** [2058]. **plate** [718]. **plates** [1199]. **playground** [1061]. **plurality** [1380, 1848]. **plus** [220, 256]. **Podolsky** [1229, 1457]. **Pohozaev** [1826]. **Poincaré** [2089, 681, 1174, 1424, 1182, 999, 949, 1832, 1951]. **Point** [1061, 1126, 653, 841, 1307, 1063, 1068, 897, 1831, 1631, 1577, 1058, 1290, 69, 609, 1983, 2044, 292, 915, 1772, 1010]. **pointed** [955]. **pointlike** [2115]. **points** [1325, 1279, 2183, 769, 243, 2094]. **Pointwise** [746, 1157]. **Poiseuille** [1802]. **Poisson** [1092, 2209, 1329, 438, 1414, 1352, 1380, 2131, 1454, 1492, 410, 289, 1184, 1771, 1591, 421, 2112, 522, 1848, 2055, 1558, 1755, 1958, 133, 2132, 881, 1587, 858, 560, 1145, 1985, 2174]. **polar** [1191]. **Polarizability** [778]. **polarizable** [1914]. **polarized** [953]. **polaron** [375]. **polyatomic** [213, 393]. **polygons** [2090]. **Polyhedra** [1260]. **Polyhedral** [439, 2172]. **polylogarithms** [676]. **polymers** [1673]. **Polynomial** [881, 1329, 1856, 617, 193, 2002, 1813, 2210, 1986, 1146, 243]. **polynomials** [855, 1400, 170, 1481, 925, 2029, 1926, 1938, 493, 262, 1475, 466, 1287, 1309, 2077, 1815, 742, 1862]. **Polytropic** [1088]. **polyvector** [803]. **polyvector-valued** [803]. **population** [1960]. **porous** [2059, 1054]. **portraits** [1841]. **posedness** [1184, 1715, 1292, 1190, 1728, 1807, 2134]. **Position** [995, 608, 764, 1336]. **position-dependent** [764, 1336]. **positions** [262]. **Positive** [518, 628, 1346, 163, 1947, 634, 311, 1522, 515, 1133, 131, 12, 1747, 1761, 306, 2128, 510, 1298, 728, 1911, 1378, 2161, 4, 934]. **positivity** [1462, 952]. **positron** [959]. **positron-electron** [959]. **Positronium** [959, 1723, 2091]. **possibility** [54]. **Possible** [487, 1797, 2189]. **Postbuckling** [1393]. **posteriori** [1052]. **posts** [233]. **postulates** [1457]. **Potential** [1640, 1568, 1784, 936, 464, 854, 62, 2196, 173, 1106, 1334, 1579, 705, 767, 1563, 573, 2177, 2207, 2030, 1456, 1938, 1070, 1469, 71, 1113, 261, 1946, 1019, 504, 243, 267, 1108, 1529, 1944, 1231, 220, 312, 661, 1160, 699, 2054, 1450, 1249, 1903]. **potentials** [1568, 1809, 76, 832, 964, 180, 441, 193, 1668, 831, 1335, 1735, 707, 308, 633, 1455, 1693, 2016, 1339, 500, 25, 2191, 787, 463, 42, 5, 263, 1366, 1434, 1155, 440, 1395, 1274, 721, 1093, 1249, 711, 1727, 254]. **Potts** [245, 882, 1720].

power [1090, 2197, 1794, 1245, 1921, 1844, 1679]. **power-law** [1679].
power-law-decaying [1844]. **practical** [2113]. **Prague** [1690]. **Prasad**
 [1937, 2096]. **pre** [2099]. **pre-Lie** [2099]. **precession** [678]. **preferential**
 [1245]. **prehomogeneous** [1107]. **Preissman** [1814]. **preliminaries** [555].
Preliminary [1776]. **preparation** [1338]. **prepotential** [1823].
prequantization [784, 2141]. **prescribed** [1302]. **prescriptions** [950].
presence [315, 1421, 1781, 1879, 1113, 825, 720, 45, 1649]. **presentations**
 [2189]. **preserving** [486, 304, 2064, 1379, 728]. **pressure** [1290, 1988]. **prime**
 [1307, 1794]. **Principal** [1740, 265, 1313]. **principle**
 [1311, 851, 1919, 1367, 1721, 903, 1081, 164, 1344, 559, 1024, 420, 1288].
principles [183, 1839, 789, 1425]. **print** [1692]. **probabilistic** [2166, 1079].
probabilities [1927, 722, 829, 940, 1331, 1333, 1879]. **Probability**
 [637, 1822, 1419, 2132, 1883, 1975, 1369, 1844]. **problem**
 [54, 1860, 791, 423, 840, 660, 776, 591, 180, 441, 1349, 2008, 838, 210, 878,
 1419, 282, 486, 1875, 217, 1055, 1236, 296, 845, 2074, 1935, 2129, 1841, 330,
 2095, 1982, 793, 93, 672, 1019, 659, 577, 1910, 33, 1445, 1345, 1531, 616, 336,
 187, 319, 13, 904, 434, 1322, 1053, 426, 1117, 1775, 813, 57, 440, 1128, 146, 39,
 640, 650, 1013, 1114, 1034, 2054, 1663, 766, 1246, 2050]. **problems**
 [1943, 1501, 1837, 718, 425, 1493, 1335, 886, 1073, 1362, 693, 15, 1206, 171,
 568, 684, 939, 1621, 1948, 2167, 83, 32, 1686, 763, 1309, 1482, 894]. **Proca**
 [1870]. **procedure** [1226, 980, 1579, 1256, 738, 1392, 1971, 1249]. **Procesi**
 [1259, 1807]. **process** [1371, 1471, 387, 2018, 338]. **processes**
 [1598, 1733, 189, 529, 687, 53, 779, 1215, 1212, 1994, 2072, 884, 248].
produced [1933]. **product**
 [494, 316, 697, 1413, 1086, 927, 1461, 2021, 304, 1186, 497, 558, 1549, 850].
production [1024, 952, 657]. **products** [36, 880, 1519, 1097, 149, 2147].
profile [1778, 526]. **profiles** [1520]. **programming** [309]. **projection** [141].
projective [2155, 1942, 1700, 426, 1117, 1082, 165]. **projector** [1383].
projectors [627, 257]. **Prolongation** [2179]. **Proof**
 [656, 1227, 110, 1000, 1170]. **proofs** [904]. **Propagating** [810]. **propagation**
 [841, 1825, 61, 1410, 1686]. **Propagator**
 [832, 964, 938, 1189, 361, 1074, 1230, 1007]. **Propagators** [186, 1412].
proper [405, 192]. **Properties**
 [1901, 174, 935, 1784, 170, 316, 169, 1371, 1695, 2135, 155, 1009, 527, 1055,
 1953, 801, 469, 1384, 595, 1685, 1326, 269, 332, 483, 1467, 1843, 2118, 268].
property [673, 1917, 1596, 563, 432, 250, 2136, 743]. **pseudo**
 [1847, 1112, 367, 671, 739, 966]. **pseudo-Euclidean** [1847].
pseudo-Hermitian [367]. **pseudo-Hermiticity** [671, 739].
pseudo-Riemannian [1112, 966]. **Pseudodifferential**
 [1255, 103, 1358, 123, 1217]. **Pseudoduality** [2103]. **pseudogroups** [59].
pseudorelativistic [1384, 175]. **pseudospin** [1128].
pseudosupersymmetry [63]. **Pseudosymmetry** [1201]. **PT** [971, 308].
PT-invariant [308]. **Publisher**
 [1588, 628, 630, 302, 860, 212, 2096, 301, 2205, 347, 501, 629, 38, 1941].

Puiseux [1650]. **Pullback** [1762]. **pulsars** [201, 1400]. **pulse** [465, 1551].
punctured [713]. **Pure** [69, 415, 1148, 2037, 2146, 826, 639, 1883, 2204, 365].
pure-state [2037, 826, 2204]. **Purely** [1588, 1503]. **pyramidal** [47].

Q [120]. **Q-ball** [120]. **QCD** [74]. **QED4** [1200]. **QMA** [1076]. **quad** [724].
quad-graphs [724]. **Quadratic**
[2145, 1816, 630, 551, 2138, 1709, 585, 1080, 206, 1893, 727, 133, 341, 1139].
quadratures [1473]. **quadrilateral** [1252]. **quadruple** [1491]. **Qualitative**
[1649]. **Qualitative** [444]. **quantities** [1489, 52, 626]. **Quantization**
[1942, 1028, 1914, 1732, 272, 389, 770, 1572, 355, 371, 7, 1609, 903, 273, 704,
266, 672, 1162, 1238, 597, 161, 696, 1623, 2127, 50, 45, 1145, 1414, 1622, 1293].
quantizations [471]. **quantized** [125, 1423, 606]. **Quantum**
[397, 637, 125, 940, 1913, 16, 866, 1370, 605, 2176, 929, 1080, 689, 670, 206,
712, 106, 823, 1534, 2175, 2063, 769, 2014, 988, 93, 1363, 2188, 1046, 1122,
2108, 1610, 1643, 392, 1168, 271, 305, 1288, 5, 263, 924, 505, 2185, 1431, 1870,
430, 736, 46, 1612, 862, 2148, 937, 1786, 1588, 1503, 2100, 722, 872, 468, 1824,
829, 1331, 1333, 1311, 2089, 233, 759, 363, 530, 196, 1494, 2140, 1530, 218,
1760, 506, 569, 343, 108, 992, 169, 589, 1619, 103, 1358, 76, 733, 1464, 1943,
1174, 600, 1191, 135, 3, 1330]. **quantum**
[723, 1364, 697, 1451, 1501, 1695, 326, 1645, 1261, 1819, 453, 1827, 1603, 539,
1159, 1614, 1163, 1197, 1165, 1788, 708, 503, 1284, 794, 1917, 885, 270, 1704,
10, 1949, 1460, 1488, 1791, 1181, 1161, 2037, 944, 1974, 1849, 214, 56, 1081,
2102, 487, 830, 1461, 157, 2027, 2214, 1310, 452, 698, 116, 2104, 439, 531, 612,
1992, 469, 1196, 448, 162, 1873, 2120, 40, 555, 758, 921, 414, 896, 306, 449,
1697, 1228, 1909, 1906, 994, 1618, 158, 228, 502, 344, 1186, 1546, 2149, 2035,
818, 1545, 2194, 159, 1500, 2204, 1299, 1693, 2016, 390, 2081, 609]. **quantum**
[834, 1701, 2036, 1975, 1680, 563, 1945, 367, 671, 14, 740, 341, 744, 952, 1535,
147, 772, 294, 765, 1124, 800, 66, 67, 2101, 919, 1865, 2, 37, 375, 1647, 1278, 804,
1459, 542, 1107, 1403, 1569, 564, 88, 429, 979, 1120, 368, 65, 1369, 1378, 1915, 39,
1654, 447, 73, 185, 669, 873, 747, 2097, 1907, 1796, 2032, 265, 743, 989, 2077, 742,
1407, 2202, 1564, 2007, 1338, 1806, 920, 1996, 2178, 741, 43, 1425, 1239, 2142].
Quantum-inspired [1431]. **Quantum-mechanical** [5, 263]. **Quantumlike**
[1079]. **quark** [174]. **quartic** [2166, 1938, 1557, 639, 1597]. **quartic-cubic**
[1557]. **Quasi** [2078, 1197, 1496, 935, 318, 1845, 1916]. **Quasi-exactly** [1496].
quasi-free [935, 1916]. **Quasi-Hermitian** [1197]. **quasi-Hopf** [1845].
Quasi-Lie [2078]. **quasi-Maxwell** [318]. **quasiclassical** [427].
quasicoherent [895]. **quasideterminants** [1362]. **quasiexact**
[1816, 555, 921]. **Quasiexactly** [1271, 1272]. **Quasifinite** [1358]. **quasifree**
[1244, 1374, 1533, 1237]. **quasigeostrophic** [1070]. **quasigraded** [667].
quasihomogeneous [1469]. **Quasilattice** [1803]. **quasilinear**
[460, 1638, 296, 1999]. **quasilocal** [1011]. **quasinormal** [1768].
Quasiperiodic [1939, 682, 518, 628, 240, 33]. **Quasiseparation** [865].
quasispherical [176]. **quasistable** [1832, 1951]. **quasisymplectic** [597].
quaternion [1986, 162]. **Quaternionic**

[767, 998, 596, 1587, 108, 705, 162, 833, 1004, 1745, 2213]. **quaternions** [1198, 2001, 1260]. **qubit** [216, 1611, 470, 574, 365]. **qubits** [1192, 1813, 2210, 2003, 1696, 867]. **qudits** [1838]. **quench** [2026]. **Quintics** [1497]. **Quiver** [1845, 477].

Rabi [1816]. **Racah** [101, 1022, 566]. **radial** [976, 41, 774]. **radiance** [1733]. **Radiating** [1767]. **Radiation** [1327, 1172, 2073, 373, 615, 378, 415, 2115]. **radiative** [1315]. **Rakhmanov** [2095]. **Ramond** [178, 983]. **Random** [233, 1670, 425, 1305, 1287, 915, 1966, 1961, 1927, 783, 1804, 1842, 354, 1688, 1672, 526, 801, 1879, 1677, 2122, 101, 1022, 1683, 782, 1066, 500, 1686, 1689, 1617, 1441, 86, 1160, 1772, 1862, 1743, 1818, 1941, 1679, 1955, 2153]. **randomness** [1210]. **range** [1959, 832, 964, 188, 5, 263, 1797]. **Rank** [1608, 554, 600, 1337, 1036, 69, 601]. **rank-** [69]. **rapid** [312]. **Rapidly** [965, 1188, 254]. **rare** [582]. **Rate** [1755, 1317, 1997, 2125, 489, 1119]. **rates** [1321, 1991, 1458, 1728]. **ratio** [2197, 1921]. **Rational** [1220, 1736, 1735, 1693]. **ratios** [1862]. **ray** [201, 1400]. **Raychaudhuri** [2043]. **Rayleigh** [84]. **rays** [1953, 415]. **reaction** [189, 529, 959, 2051, 1723, 1630, 1172]. **reaction-diffusion** [189, 529, 1630]. **reactive** [1449]. **reading** [1861]. **Real** [630, 551, 361, 1178, 2197, 1112, 1550, 156, 512, 960, 1921, 312, 894]. **real-valued** [894]. **Realization** [1819, 46, 1740, 671, 534, 1038]. **realizations** [1737, 439, 1754]. **really** [1704]. **reciprocity** [1957]. **recollapse** [319]. **Reconstruction** [976, 209]. **reconstructions** [902]. **recovering** [945]. **Recovery** [2172, 1155, 1678, 732]. **rectangular** [1147, 1446]. **recurrence** [1683]. **recursion** [1970, 1666, 970]. **Recursive** [62, 1773, 492, 1185, 395]. **redefinition** [836]. **redshift** [2134]. **Reduced** [570, 1065, 1566, 1428, 4, 690, 934, 1692]. **reducible** [400]. **reducing** [267]. **Reduction** [1638, 399, 1352, 990, 303, 2170, 2176, 814, 1639, 1894, 21, 469, 1600, 692, 1929, 1666, 1886, 806, 1296, 1916, 949]. **reductions** [418, 1225, 867, 1520]. **reductive** [598]. **redundant** [327]. **reference** [1370, 1122]. **Refining** [1731]. **reflecting** [1879]. **Reflection** [541, 1462, 1176, 840, 964, 194, 632, 1282, 651, 1536, 1267]. **reflectionless** [707]. **reflections** [494]. **Regge** [22, 504]. **regime** [1687, 802, 1486, 2051]. **regimes** [588]. **regular** [1773, 127, 1962, 2009, 572]. **regular-singular** [2009]. **Regularity** [2088, 1052, 1953, 330, 2095, 1051, 1967, 2180, 1578]. **regularization** [738, 1875, 640]. **regularized** [1757, 1383, 1247]. **regulated** [230]. **Reissner** [1768]. **related** [208, 895, 1537, 819, 523, 982, 2182, 217, 306, 1363, 502, 344, 1602, 294, 491, 1298, 505, 638, 298]. **Relating** [1464]. **Relation** [121, 1023, 1121, 1159, 495, 1408, 2136, 1237, 787, 1903, 921]. **Relations** [1321, 196, 1327, 552, 2159, 1868, 1110, 1398, 1258, 698, 113, 2006, 1296, 1911, 1039, 1567, 259, 1504]. **relationship** [347, 335, 1928]. **relationships** [1793]. **relative** [363, 1443, 1379, 1945]. **Relativistic** [1438, 1713, 401, 833, 1004, 2213, 1120, 1832, 1951, 236, 872, 1143, 17, 641, 76, 1281, 2164, 1292, 124, 2010, 1153, 654, 543, 576, 1701, 2108, 1855, 387, 375,

804, 1840, 1309, 883, 1767, 711, 2178]. **relativity** [1011, 1508, 1953, 452, 1885, 1618, 910, 79, 545, 78, 1207]. **relaxation** [1994, 323, 1211]. **relic** [2140]. **remark** [1674, 1982]. **Remarkable** [502]. **Remarks** [410, 1780, 1092, 1250, 13, 1450, 1101, 49, 1404, 2118]. **Removable** [785, 1116]. **Removal** [969]. **Renormalization** [1200, 1628, 623, 116, 2066, 1561]. **reparametrization** [1003]. **repeatedly** [1291]. **Representation** [673, 1474, 1398, 223, 3, 1330, 1077, 1489, 1667, 1359, 2120, 266, 1636, 1079, 449, 476, 1710, 1067, 66, 305, 366, 1564, 741, 485, 850]. **Representations** [103, 602, 794, 1484, 466, 430, 736, 1006, 855, 36, 209, 1273, 1358, 1078, 625, 1747, 1404, 295, 339, 1902, 205, 301, 566, 405, 192, 408, 1097, 1322, 2152, 1002, 1476, 231, 753, 536, 853, 1951, 966, 920, 35]. **Reproducing** [1641]. **Republic** [1690]. **repulsive** [410]. **require** [304]. **resistances** [1542, 1773]. **resolvent** [595]. **Resonance** [768, 1544, 1793, 702, 849, 1864, 1547, 1040]. **Resonances** [1851, 393, 125, 1784, 1161, 969, 368, 65, 413]. **resonant** [1225, 1013]. **resources** [796]. **respect** [864, 1526, 2181, 1122]. **Response** [441]. **rest** [1435]. **Restricted** [2017, 1223]. **result** [985]. **results** [1809, 1494, 2150, 706, 1253, 574, 331, 294, 2058, 1104, 2159]. **resummation** [62, 1249]. **retarded** [1944]. **reversal** [216, 2034]. **Reverse** [571]. **reversibility** [884]. **reversible** [779, 2051]. **review** [2, 37]. **revised** [53]. **revisited** [1088, 1402, 496, 1193, 1199, 1276, 970, 297, 1944]. **revolution** [1279, 15, 912, 1434]. **Reynolds** [1050]. **rhomboidal** [838]. **Riccati** [239, 1315]. **Ricci** [2096, 1302, 617, 1548, 546, 1937, 1146, 1442, 1963]. **Rice** [2153]. **Richardson** [2026]. **Riemann** [2141, 771, 617, 784, 1009, 1506, 1508, 897, 1591, 691, 1440, 1968, 244, 1146, 376, 742]. **Riemann-flat** [376]. **Riemannian** [709, 1391, 1752, 423, 1964, 1390, 1554, 1112, 1270, 1412, 516, 751, 966]. **Riesz** [1279, 1326]. **right** [1584, 907]. **right-handed** [907]. **Rigid** [384, 515, 2000]. **Rigorous** [506, 373, 1194, 1676, 110, 1479, 1187, 1472, 1120, 2150]. **Rikitake** [1389]. **ring** [1874]. **rings** [1393, 1856, 313]. **Robertson** [319, 548, 1538, 1918, 280, 1102, 811, 1277]. **Robinson** [1466, 775]. **robustness** [1149, 1857]. **rod** [1997, 1021]. **Role** [1187, 1457]. **root** [596, 480]. **roots** [430, 736, 258]. **Rosen** [1456, 1334, 230, 1229, 1457]. **Rosochatius** [1223]. **Rotating** [1574, 1466, 1703, 965, 1188, 941, 1071, 443, 1455, 1874, 1072]. **rotating-wave** [443]. **rotation** [40, 969, 1322]. **Rotational** [1443, 1190]. **Rotational-vibrational** [1443]. **rotationally** [1370, 1328, 817]. **Rotations** [1368]. **rotor** [1793]. **Rouet** [1132, 1555]. **rough** [2011]. **roughening** [1722]. **Routh** [1392]. **Rovelli** [2109]. **Ruelle** [1087]. **rule** [2197, 1511, 1920, 1921, 984, 1033]. **ruled** [1046]. **rules** [1261, 1820]. **Runge** [2162]. **Rusk** [181].

S [2095, 1725]. **Safko** [2108]. **Sahi** [985]. **Sample** [1326, 1960]. **Sasa** [970, 1777]. **Sasakian** [2068]. **satisfiability** [1686]. **Satsuma** [970, 1777].

Saturated [165]. **Savadkouhi** [2198]. **sawtooth** [238]. **Saxton** [1708].
Scalar [472, 1203, 675, 1519, 2041, 1409, 581, 1361, 811, 1429, 56, 676, 1906, 512, 2005, 1300, 1067, 715, 1649, 98, 1872, 746, 1157, 711, 2068, 473].
scalar-tensor [715, 1872]. **Scale** [662, 1109, 2164, 283, 1639, 1142, 1066, 545, 817, 471, 1818, 1941]. **scale-free** [1818, 1941]. **scales** [435, 1962]. **Scaling** [1801, 1501, 1187, 2167, 1395].
scatterer [1901]. **scatterers** [2172]. **Scattering** [911, 854, 798, 1668, 213, 154, 984, 962, 1784, 1235, 1695, 885, 652, 1901, 768, 2084, 30, 249, 1583, 1268, 2102, 1635, 891, 654, 467, 64, 1946, 1787, 267, 367, 2108, 666, 930, 1224, 5, 263, 388, 747, 1034, 1663]. **SCD** [97]. **Schatten** [1321]. **Schauder** [820]. **scheme** [852, 1814, 1757, 897, 725, 1779]. **schemes** [2078, 1819, 1252, 362, 1542, 740, 1420]. **Schmidt** [1337]. **Schouten** [533].
Schramm [1842]. **Schrieffer** [1808]. **Schrieffer-type** [1808]. **Schrödinger** [628, 2207, 900, 438, 2200, 1809, 1964, 518, 854, 1599, 433, 329, 135, 865, 460, 1106, 1778, 210, 2114, 1184, 2070, 1077, 2177, 2030, 1335, 1376, 2098, 764, 15, 296, 703, 1998, 2087, 1164, 801, 340, 1578, 891, 701, 674, 1851, 659, 1662, 320, 1373, 1484, 1042, 1043, 1502, 1531, 332, 154, 1339, 500, 1045, 1657, 220, 666, 1846, 1624, 1155, 1769, 661, 1495, 307, 977, 1714, 1450, 1101, 1882, 1899, 1727, 894, 1033, 298]. **Schur** [1471]. **Schwarz** [225]. **Schwarzschild** [1134, 22, 2010, 577, 2217]. **Schwinger** [1884, 1507, 559]. **screen** [685].
search [1716]. **Second** [693, 199, 200, 394, 603, 758, 45, 2052, 207, 272, 1454, 959, 239, 1572, 1878, 99, 1736, 1782, 115, 152, 555, 921, 101, 1701, 1729, 26, 1723, 1570, 1139].
second-class [272, 1454]. **second-grade** [1878]. **Second-order** [199, 758, 2052, 959, 239, 1782, 555, 1701, 1723, 1570]. **section** [885, 249, 2142]. **sections** [1706]. **sectors** [74]. **Segal** [571, 1404, 538].
segment [1629]. **segregation** [53]. **Segur** [2171]. **Seiberg** [275, 499, 806, 1148]. **Selberg** [799]. **selected** [1784]. **Selection** [1261]. **Self** [1234, 1026, 575, 1595, 18, 770, 1599, 852, 20, 897, 1252, 1453, 1429, 124, 1891, 756, 1553, 1984, 1546, 1601, 234, 1368, 644, 1520]. **self-adjoint** [852, 897, 1252]. **Self-adjointness** [1234, 770, 1553]. **self-consistent** [1891, 1601, 1368]. **Self-consistent-field** [1026]. **self-dual** [575, 20, 124, 1520]. **self-force** [644]. **self-gravitating** [756, 1984].
self-interacting [1429]. **self-interaction** [18]. **self-similar** [1595, 1453, 1546]. **self-similarity** [234]. **Semi** [1952, 203, 302, 882, 884].
semi-infinite [203, 302, 882]. **semi-Markov** [884]. **Semi-nonrelativistic** [1952]. **semibounded** [797]. **Semiclassical** [938, 1189, 193, 607, 802, 700, 361, 1288, 1774]. **semiconductors** [919, 1288].
semidefinite [309]. **Semidensities** [1454, 857]. **Semidirect** [620].
semigroup [368, 849, 1951]. **semigroups** [866, 856, 432, 846, 65].
Semilattice [344]. **semilinear** [1483, 1940]. **semilocal** [117].
semirelativistic [1620]. **semirings** [1521]. **semisimple** [601]. **Semispectral** [1646]. **sensitivity** [2075]. **separability** [1310]. **separable** [1328, 594, 2085, 1996]. **Separation**

[530, 732, 1804, 137, 552, 590, 1112, 1354, 921, 2033, 1242]. **separations** [1802]. **sequence** [627, 257]. **sequences** [1861]. **sequential** [1461, 1186]. **series** [1817, 1650, 1014, 2057, 983, 481, 240, 676, 405, 334, 392, 144]. **servomechanisms** [523]. **sesquilinear** [630, 551]. **sesquilinear-quadratic** [630, 551]. **set** [233, 1416, 2187, 1926, 1046, 167, 945, 2147]. **sets** [710, 521, 1279, 454, 912, 1756, 904, 1045, 1378, 1743]. **seven** [2123, 255]. **several** [1492, 1813, 2210]. **sewing** [1009]. **sextic** [1735]. **Shabat** [1286]. **Shannon** [1243, 538]. **Shape** [1823, 827, 1111, 831, 1544, 1790, 262, 11, 812, 1135, 1567]. **Sharp** [1502, 902]. **sharpness** [456]. **Sheaf** [741]. **Sheaf-theoretic** [741]. **shear** [1067, 2153]. **sheets** [1104]. **shell** [2040, 1464, 1695, 1925, 1103]. **Sherrington** [1671]. **shift** [99, 1851, 1533]. **shift-invariant** [1533]. **shifted** [1731]. **Shiota** [1441]. **Shock** [54, 1449, 1282, 1516]. **Short** [649, 169, 465, 1551, 5, 263, 1547, 1040]. **short-range** [5, 263]. **Shouldn't** [7, 1609]. **sided** [835, 2097, 1907, 1796]. **sigma** [1591, 333, 2163, 171, 1540, 2103, 1313]. **sign** [500]. **signals** [892]. **signature** [547]. **Silver** [1565]. **similar** [1595, 1453, 1546]. **Similarity** [1666, 1886, 623, 981, 1600, 234]. **Simons** [1952, 1214, 124, 770, 803, 117, 20, 925, 451, 450, 1889]. **Simple** [1303, 1005, 906, 1123, 1087, 602, 345, 537, 1497, 1920, 1965, 656, 1227, 450, 2018]. **simplex** [2109]. **simplification** [819]. **Simplified** [1170, 1169, 300]. **Simplifying** [1073]. **simultaneous** [1875, 720]. **Sinai** [1087]. **sine** [601, 2015, 970]. **sine-Gordon** [2015, 970]. **Single** [1232, 2172, 787, 884]. **single-molecule** [884]. **single-particle** [787]. **Single-step** [1232]. **singlet** [1306]. **Singular** [2157, 499, 937, 97, 539, 1376, 115, 195, 42, 86, 2009]. **singularities** [1799, 433, 1426, 155, 1782, 1548, 514, 1170, 1171, 2217, 785, 2106, 1834, 1169, 1116, 1168]. **singularity** [1753, 2139]. **singularly** [1600, 1058]. **sinh** [888]. **sinh-Gordon** [888]. **sinusoidal** [1568]. **sites** [453]. **Sitter** [417, 17, 1134, 379, 1385, 752, 235, 2005, 2154]. **Sitter-like** [235]. **six** [993, 1408, 813, 1699, 642]. **six-dimensional** [813, 642]. **six-level** [1699]. **six-vertex** [1408]. **sixth** [1886]. **size** [871]. **skew** [1938, 924, 1808]. **skew-orthogonal** [1938]. **skin** [1860]. **Skinner** [181]. **Skyrme** [943, 266, 988]. **Skyrme-type** [943]. **Skymions** [1042]. **Slater** [1372]. **slow** [702, 2069]. **small** [2159, 1292, 1880, 1285, 1066, 930, 1224, 2191]. **Smilga** [1528]. **smoothing** [1184]. **Smoothness** [411]. **Smorodinsky** [1274]. **Sobolev** [1452]. **soft** [1797, 1093]. **Sojourn** [554]. **Soldered** [417]. **solid** [1072]. **Solitary** [892, 1366, 683, 300, 1318, 1783]. **solitary-wave** [1318]. **Soliton** [908, 567, 46, 174, 854, 590, 1583, 1937, 2096, 988, 94, 788, 1026, 517, 984, 1223, 2168]. **Solitonlike** [89]. **solitons** [2040, 1563, 1548, 1427, 1718, 1801, 1790, 1855, 812, 1135]. **Solution** [1466, 1465, 1930, 1531, 1393, 1860, 780, 178, 201, 343, 70, 20, 773, 581, 1715, 1583, 975, 914, 80, 71, 1910, 235, 898, 234, 996, 220, 1411, 1128, 1012, 2062, 489, 1547, 1905, 711, 2050, 1980]. **Solutions** [1585, 1373, 1541, 374, 275, 458, 351, 1134, 2165, 1203, 567, 641, 1241, 2067, 1868, 888, 1778, 2008, 1579, 1837, 1214, 1939, 1650, 289, 242, 590, 794, 705, 2002, 2070, 1771, 1077, 2088, 1014,

2030, 1747, 807, 1055, 1741, 342, 645, 1343, 764, 1440, 730, 1880, 479, 157, 124, 2010, 522, 1071, 1997, 1100, 568, 120, 1222, 2129, 1539, 549, 1113, 1356, 755, 974, 1517, 785, 1637, 818, 1545, 1042, 127, 1043, 1348, 626, 1653, 1758, 788, 1551, 499, 1026, 1124, 1116, 1045, 83, 1135, 1353, 2085, 2171, 919, 1649, 480, 58, 1872, 1295, 39, 1807, 1967, 690, 1467, 129, 2069, 2179, 774].

solutions [177, 735, 1605, 1318, 899, 1882, 2200, 1988, 1783, 462, 1899, 75, 1724, 1246, 1727, 102, 1520]. **solvability** [1816, 555, 921, 1001]. **Solvable** [529, 2014, 1610, 1643, 221, 1568, 189, 776, 519, 1943, 402, 1468, 1496, 926, 1823, 765, 1272, 1437, 1271, 2072]. **solver** [1446]. **Solving** [135, 1887]. **Some** [208, 166, 49, 2067, 1792, 1077, 1253, 703, 1404, 2132, 294, 1826, 2192, 483, 1239, 908, 2089, 1804, 1134, 1675, 1858, 1817, 1501, 2135, 1923, 1741, 156, 1562, 1637, 1920, 95, 1296, 1107, 185, 1864, 298, 1494, 1472]. **Sommerfeld** [2096, 1937, 690]. **Source** [1323, 841, 1860, 1113, 2125, 1483, 1940, 1966].

sources [2073, 379, 581, 1933, 2157, 1891, 1601, 1810]. **Space** [578, 622, 1896, 100, 2039, 530, 316, 169, 797, 49, 280, 913, 1078, 130, 1110, 1328, 893, 1102, 1499, 1934, 773, 581, 515, 1133, 2176, 1197, 635, 1625, 1284, 547, 27, 1357, 784, 2141, 270, 2070, 927, 1077, 34, 2001, 2038, 1652, 1236, 2049, 975, 2157, 333, 876, 932, 1354, 1888, 1153, 1216, 555, 1958, 896, 1099, 111, 672, 1035, 668, 488, 2217, 504, 2190, 2211, 1445, 1005, 1345, 616, 1925, 1834, 13, 499, 2167, 744, 250, 1168, 271, 1985, 376, 165, 1698, 2103, 176, 482, 629, 747, 977, 2069, 966, 766, 947, 473]. **space-fractional** [34]. **space-time** [2217]. **spacelike** [2183]. **spaces** [2155, 1006, 1732, 1853, 1913, 2083, 180, 441, 1390, 803, 258, 1847, 1086, 1625, 131, 608, 623, 23, 1550, 362, 2166, 1485, 199, 200, 394, 603, 758, 1636, 1700, 1228, 1565, 406, 592, 1892, 440, 1107, 1293, 2077].

spacetime [1466, 1426, 2010, 2041, 1510, 2108, 804]. **spacetimes** [1918, 384, 1917, 712, 811, 2156]. **spanning** [1676]. **Spatial** [1102, 1244, 1492, 1847, 1915, 1954, 584]. **Special** [1670, 1048, 1608, 2014, 1305, 1610, 1643, 1496, 139, 1036, 277, 1570, 1783].

species [247]. **specific** [1356]. **Specker** [1158, 360, 165]. **Specker-type** [165]. **spectators** [1848]. **Spectra** [1307, 1090, 2197, 197, 1704, 1577, 1443, 1457, 1340, 1921, 870]. **Spectral** [174, 1400, 1371, 635, 2120, 917, 1793, 846, 1083, 1963, 774, 268, 1360, 1809, 1615, 2195, 1784, 201, 662, 779, 706, 794, 283, 1791, 1613, 556, 143, 68, 2061, 1384, 1851, 390, 1067, 1657, 463, 1915, 894]. **spectrum** [1820, 197, 1908, 210, 658, 448, 1662, 364, 69, 1529, 13, 500, 2011, 140]. **speed** [1325, 61, 1410]. **sphere** [180, 441, 1191, 1357, 1009, 1506, 713, 1557, 1072, 778, 1436, 440, 664, 606].

spheres [397, 1474, 478, 1669, 1, 211, 403, 2208, 1291, 1403]. **Spherical** [2010, 153, 589, 1667, 1867, 1972, 583, 1168, 1743]. **spherically** [1203, 127, 1353]. **spheroidal** [987, 887]. **spheroids** [678]. **spike** [1042]. **spike-vortex** [1042]. **spiked** [1960]. **Spin** [1854, 1733, 1991, 1615, 2195, 1674, 1244, 1828, 126, 1085, 343, 22, 1973, 1675, 631, 1671, 1596, 1897, 328, 1180, 1362, 1881, 2027, 1283, 1377, 1992, 2071, 1544, 205, 301, 1022, 1363, 1685, 576, 592, 800, 67, 140, 1230, 817, 564, 1267, 1128, 1682, 792, 151, 557]. **spin-**

[22, 576, 67]. **spin-boson** [1733, 1615, 2195]. **spin-cluster** [817]. **spin-orbit** [1180, 1362, 800]. **spin-spin** [1244]. **spin-statistics** [328]. **spinning** [1509, 750]. **Spinor** [913, 2001, 2156, 130, 617, 1257, 1146, 1649, 1301]. **spinorial** [591, 913]. **spinors** [805]. **spins** [1189, 105]. **splittings** [326]. **Spontaneous** [971, 407, 227, 544]. **spots** [2093]. **springs** [818]. **Square** [75, 2030, 253, 891, 1097, 2147]. **Square-integrable** [75]. **square-potential** [2030]. **square-well** [2147]. **Squared** [1777]. **squeezed** [1588, 1503, 2140]. **Squire** [253]. **Stability** [1314, 160, 1718, 317, 908, 1137, 972, 280, 2138, 1453, 2166, 1092, 1435, 1072, 359, 788, 1483, 1940, 2110, 1965, 2062, 721, 2050]. **stabilized** [1827]. **stabilizer** [636, 1992]. **stable** [468, 114]. **Stäckel** [552, 200, 603]. **staggered** [2169]. **Standard** [498, 613, 874, 1250, 821, 1152, 432, 1075, 1859, 134]. **star** [1030, 1097]. **Stargenfunctions** [270]. **Stark** [962]. **stars** [2031, 967, 580, 809, 715]. **state** [673, 798, 938, 1189, 861, 1284, 1367, 1613, 2037, 1055, 916, 2027, 845, 1611, 2074, 2146, 1435, 826, 1879, 674, 900, 727, 2204, 1590, 882, 361, 1298, 1306, 1230, 1082, 375, 366, 1128, 536, 1882, 2200, 457]. **states** [1588, 1503, 208, 722, 1375, 1333, 278, 1244, 895, 980, 2140, 990, 264, 1416, 636, 997, 3, 1330, 442, 460, 1695, 1233, 1334, 193, 1917, 700, 1374, 285, 1415, 1456, 1180, 941, 1849, 956, 1, 211, 1310, 470, 1283, 1377, 847, 1229, 1644, 756, 443, 306, 449, 512, 408, 304, 269, 2005, 1883, 365, 1920, 2128, 1332, 2024, 1379, 1533, 1795, 367, 215, 147, 2130, 113, 45, 2136, 1237, 2208, 114, 870, 112, 446, 1569, 1039, 849, 1341, 447, 1916, 2097, 1907, 1796, 828, 1274, 1774, 1832, 1951, 1996]. **static** [49, 954, 808, 1203]. **Stationary** [260, 1343, 1215, 1325, 2159, 2050]. **Statistical** [722, 2014, 1305, 1610, 1643, 1211, 842, 627, 1604, 1669, 223, 528, 2194, 1890, 1803, 1670]. **statistics** [87, 328, 1721, 1925, 781, 560, 88, 429, 979, 2032]. **Steady** [756, 1882, 2200, 1055]. **steady-state** [1055]. **stellar** [1965, 1315]. **step** [705, 767, 1232]. **steplike** [2084]. **Stewartson** [495, 1323, 1637]. **Stieltjes** [925, 31]. **stiff** [1203]. **Stirling** [336]. **Stochastic** [1273, 1089, 155, 927, 1989, 696, 1623, 1619, 303, 1684, 732, 1367, 588, 975, 1876, 1215, 2143, 1955, 2153, 1985, 2052, 185, 307, 1205]. **Stokes** [1771, 1558, 1755, 1758, 1060, 1052, 1049, 1652, 1055, 1050, 2049, 1558, 1051, 195, 1653, 1053, 1353, 757, 1988, 2180]. **Stora** [1132, 1555]. **Stratified** [1071, 840]. **Stratonovich** [1479, 823]. **strength** [76]. **stress** [138]. **Strict** [161, 952]. **String** [734, 1924, 229, 1275, 132, 626, 1239]. **strings** [575, 226, 1152]. **Strong** [861, 168, 540, 342, 1065, 154, 563, 1874, 1803, 1249]. **Strong-coupling** [861]. **Strong-electric-field** [168]. **Strongly** [1714, 965, 240, 682, 1535, 1425]. **Structure** [1085, 783, 1942, 169, 1416, 913, 1364, 1827, 942, 1614, 2037, 251, 991, 1029, 1138, 418, 876, 826, 2055, 199, 394, 2139, 1958, 358, 2019, 405, 378, 1557, 2204, 1066, 2076, 1074, 1689, 1095, 1647, 1075, 1369, 146, 265, 1864, 822, 1523]. **Structures** [1305, 1032, 2155, 1675, 130, 1604, 425, 1747, 1003, 2112, 382, 2209, 1998, 1514, 522, 1900, 727, 1064, 1587, 1877, 1962, 761, 2179, 1482, 1924, 1670, 1811].

Studies [1062, 2064]. **Study** [42, 85, 699, 1964, 2079, 2160, 1069, 140, 2077, 6, 104]. **studying** [446].
Sturm [1943, 2129]. **sub** [1391]. **sub-Riemannian** [1391]. **Subadditivity** [1150]. **subalgebra** [1900, 1720]. **subalgebras** [103, 1789]. **subcritical** [1677]. **subdiffusive** [2051]. **subductions** [1261]. **subgrid** [1067]. **subgroup** [513]. **subgroups** [596]. **subharmonic** [1650]. **sublattices** [897, 1252].
sublinear [2186]. **submanifolds** [948]. **Subnormalized** [997].
subquantum [222]. **Subrepresentation** [1521]. **subspace** [1423].
subspaces [1337, 1368, 989]. **subtrees** [1673]. **sufficient** [23]. **Sum** [1820, 1372, 1073, 1718]. **summability** [240, 682]. **summable** [1447].
Summation [240, 982, 298]. **sums** [1794, 982, 1926, 620, 334, 954]. **Super** [909, 1624, 1733, 803, 856, 979, 241, 404]. **super-integrable** [241].
super-radiance [1733]. **superalgebra** [1358, 1532, 1217, 1038].
superalgebras [602, 1524, 191, 2071, 2013, 429, 920]. **supercharge** [543].
superconducting [351, 352]. **Superconductivity** [222, 356, 167, 359, 1975, 348]. **superconductors** [355, 285].
Superconformal [575, 983, 1573, 122, 391, 501]. **Supercoset** [1035].
supercritical [1106]. **superdense** [967]. **Superdiffusivity** [1634].
superfield [273]. **supergravity** [1566, 1428, 1029, 642]. **supergroup** [1364].
supergroups [1528]. **superheating** [203, 302]. **Superintegrability** [1594, 1693, 2016, 239, 2086]. **Superintegrable** [600, 1651, 1329, 585, 1080, 199, 200, 394, 555, 603, 758, 921, 1264, 1405, 881, 2144, 1001, 762, 1118, 1351, 792]. **superlinear** [2111]. **supermagnetic** [2121].
supermanifolds [1752, 1359, 909]. **superoscillatory** [9]. **superplane** [723].
Superselection [315, 2034, 74]. **superspace** [475]. **superspaces** [1251, 2215, 1750, 153]. **supersphere** [98]. **superstable** [2160, 1803].
superstring [151]. **Supersymmetric** [1375, 1165, 321, 1440, 922, 70, 1968, 1708, 1500, 1693, 2016, 806, 474, 873, 2105, 457]. **supersymmetrical** [1868].
Supersymmetry [2144, 1418, 1151, 1375, 831, 1422, 543]. **Supertetrahedra** [2013]. **supertrace** [1405]. **superversions** [1528]. **supplementary** [405].
Support [912, 1279]. **supported** [1376, 1893]. **supporting** [1673].
supremum [2007, 1806]. **Surface** [1432, 352, 1136, 1722, 784, 2141, 2098, 809, 2069]. **Surfaces** [1266, 47, 1786, 1011, 771, 423, 1554, 893, 1102, 1499, 1847, 283, 1591, 1893, 1280, 15, 333, 668, 488, 1046, 1445, 1389, 434, 1434, 961, 889, 742, 966].
survey [1686]. **survey-propagation** [1686]. **Susceptibility** [1677]. **SUSY** [131]. **Sutherland** [502, 392, 294, 480]. **switched** [1616]. **switched-on** [1616]. **Symbol** [1247, 1255]. **symbolic** [1318]. **symbols** [1258, 156, 994, 1521, 1217]. **Symmetric** [163, 1552, 1947, 1203, 1349, 1328, 1133, 1448, 253, 1142, 2146, 2010, 701, 306, 1179, 917, 449, 127, 592, 367, 1766, 1353, 2101, 2103, 312, 63, 1267, 924, 1808, 4, 934, 1007, 221, 2147].
symmetric-positive [4, 934]. **Symmetries** [637, 775, 96, 953, 1929, 565, 172, 275, 541, 207, 2165, 299, 464, 60, 819, 1579, 942, 1566, 1428, 729, 1716, 1204, 1248, 1712, 875, 1222, 1969, 403, 1497, 1005,

655, 562, 1983, 2044, 724, 497, 293, 1666, 1886, 970, 128, 58, 129, 1798, 1903].
Symmetry [697, 929, 1897, 1637, 2171, 1916, 575, 971, 1522, 570, 59, 326, 2158, 1392, 314, 526, 1003, 1491, 926, 495, 2063, 1600, 1873, 1582, 1412, 1363, 2004, 227, 544, 11, 165, 1128, 1480, 471]. **Symplectic** [1586, 1406, 1942, 1361, 1173, 526, 1248, 1583, 1491, 1138, 181, 2101, 26].
system [1612, 877, 1015, 1136, 410, 1952, 2008, 314, 588, 1440, 1968, 300, 1292, 1092, 1611, 1635, 1215, 80, 2003, 1225, 1558, 1755, 1185, 1787, 1984, 232, 1637, 818, 1072, 284, 520, 960, 1626, 1389, 1502, 1348, 626, 390, 1590, 434, 534, 1211, 1666, 480, 1378, 754, 4, 934, 828, 2105, 735, 150, 1889, 1899].
Systematic [954, 516]. **Systems** [2014, 1329, 1610, 1643, 673, 862, 1620, 236, 1588, 1503, 2100, 1391, 2031, 327, 786, 1513, 1828, 1784, 1017, 1760, 521, 352, 681, 1137, 866, 552, 1537, 464, 819, 660, 533, 1473, 1317, 797, 582, 1468, 600, 239, 1018, 537, 1651, 1645, 957, 1089, 1839, 1638, 1163, 1165, 851, 708, 590, 585, 1080, 594, 608, 1912, 237, 270, 652, 10, 1490, 1177, 1240, 1923, 1195, 1173, 948, 1248, 682, 926, 1894, 1987, 830, 1138, 2112, 2209, 157, 1275, 2027, 1514, 1992, 1156, 448, 1154, 199, 200, 394, 555, 603, 758, 921, 1264, 969].
systems [306, 1286, 596, 917, 1694, 1906, 1363, 2045, 2205, 158, 1064, 2035, 1545, 576, 1042, 2194, 1500, 1478, 1405, 243, 52, 694, 881, 2144, 702, 95, 563, 1533, 952, 1994, 1560, 256, 1890, 1877, 1965, 182, 25, 1835, 67, 1803, 1230, 787, 2025, 480, 1278, 1001, 26, 817, 1699, 924, 1808, 762, 1118, 134, 753, 1962, 447, 73, 1707, 1083, 1140, 742, 853, 792, 1338, 1139, 2111, 43, 1239, 438].
syzygies [617, 1146]. **Sz.** [65].

t [669]. **tachyon** [225]. **tail** [1339]. **Tamm** [54, 164]. **tangent** [1732]. **Tate** [400]. **Taylor** [1802]. **technique** [598]. **techniques** [1910, 910, 1929, 1360].
Teichmüller [100]. **telegraph** [299, 60, 1399, 1100]. **teleparallel** [2042, 21].
Teleportation [362]. **temperature** [472, 843, 1671, 1127, 1993, 1152].
Temperley [1363]. **temporally** [114]. **Tensor** [1866, 2158, 36, 575, 138, 533, 198, 1302, 617, 630, 551, 748, 615, 1582, 1146, 1220, 497, 715, 1872, 1549].
tensors [524, 695, 646, 206, 399]. **term** [1133, 1730, 1190, 1373, 1483, 1940, 1728, 1649]. **terms** [240, 1050, 826, 676, 2125]. **ternary** [1931, 1319, 795, 2198, 1525, 1830]. **Test** [525, 15]. **testing** [1377, 2063, 1447, 1795]. **tests** [360]. **Tetrads** [377, 2212].
tetrahedron [1448]. **Teukolsky** [968]. **textures** [1762]. **th** [1033]. **their** [54, 349, 1956, 895, 2181, 1760, 1917, 155, 1508, 897, 1252, 684, 839, 1099, 1646, 269, 858, 474, 1911, 2189, 920, 1857]. **Theorem** [637, 1799, 1978, 1584, 1143, 186, 207, 1060, 1822, 515, 131, 689, 860, 647, 1324, 1923, 2057, 1974, 2102, 823, 830, 820, 1561, 1697, 1683, 576, 2107, 2106, 1801, 824, 905, 2036, 1000, 360, 387, 1564, 1010, 1957, 281]. **theorems** [87, 1263, 918, 1739, 1346, 328, 1850, 1618, 1592, 322]. **theoretic** [386, 978, 741]. **theoretical** [527, 707, 1910, 1983, 2044, 579]. **theories** [2040, 1764, 2201, 219, 1432, 950, 803, 1822, 986, 28, 2080, 2203, 1487, 1488, 1489, 1490, 1240, 328, 1702, 614, 1463, 1115, 127, 1573, 319, 715, 1002, 806, 474, 98, 1872, 714, 949, 1924]. **theory**

[19, 622, 1406, 1927, 2100, 472, 17, 1474, 575, 2031, 178, 137, 126, 373, 675, 972, 169, 412, 1464, 1241, 1792, 1078, 717, 2083, 20, 1214, 1603, 1448, 496, 1650, 586, 1668, 1788, 99, 1512, 1374, 1901, 1738, 643, 1488, 421, 92, 1850, 1268, 2047, 1712, 1387, 1631, 2175, 713, 1574, 470, 2104, 1888, 162, 2065, 199, 394, 603, 2041, 228, 1072, 2000, 2048, 1005, 406, 267, 1447, 910, 696, 609, 834, 511, 455, 451, 561, 1994, 1026, 545, 765, 1657, 1211, 1955, 2153, 292, 477, 953, 181, 305, 2101, 484, 1441, 370, 1581, 846, 1103, 1039, 995]. **theory** [2185, 65, 1369, 1744, 747, 536, 77, 1148, 1832, 1924, 1295]. **theory-inspired** [1924]. **There** [44, 7, 1609, 1008]. **thermal** [1935, 411]. **Thermodynamic** [2022, 1432, 1878, 2023]. **thermodynamics** [419, 1256]. **theta** [202]. **thickness** [699]. **Thin** [704, 937, 1161]. **Third** [1329, 1343, 881, 1693, 2016]. **third-order** [881]. **Thirring** [16, 1599, 463]. **Thomas** [1314]. **Three** [1302, 1932, 1868, 1873, 772, 172, 47, 862, 264, 1062, 959, 880, 1651, 1501, 1052, 1566, 1428, 1448, 1284, 2088, 1780, 1270, 1055, 445, 546, 1831, 160, 1190, 1354, 1888, 2003, 1838, 1225, 758, 1264, 2139, 1946, 1984, 167, 1587, 882, 1076, 1855, 1904, 1045, 11, 1723, 763, 1707, 1034, 966, 1899, 879, 394]. **three-body** [959, 1651, 1501, 1984, 1855, 1723, 763, 1034]. **three-component** [1899]. **Three-dimensional** [1302, 1932, 1868, 772, 880, 1052, 1448, 1284, 2088, 1780, 1055, 445, 546, 1354, 1888, 758, 1264, 1587, 1904, 1707, 966, 879, 394]. **three-level** [862]. **three-local** [1076]. **three-point** [1831]. **three-wave** [1225]. **Threshold** [332, 2114, 1738, 279, 413]. **thresholds** [1502]. **Tikekar** [967]. **Time** [829, 1331, 1333, 353, 1518, 631, 1421, 216, 1511, 34, 2034, 622, 2148, 1991, 578, 940, 186, 554, 1015, 2039, 351, 343, 303, 913, 1078, 852, 1814, 1110, 2196, 539, 1625, 547, 27, 683, 2030, 1335, 2001, 2038, 1268, 981, 975, 164, 435, 876, 448, 105, 1099, 668, 488, 2217, 158, 1546, 2125, 1005, 407, 1031, 69, 1531, 616, 1590, 1108, 1925, 1834, 1711, 422, 720, 1955, 1366, 57, 1278, 176, 1120, 368, 482, 629, 1962, 747, 828, 1274, 1013, 977, 1034, 774, 338, 473]. **Time-** [34]. **time-covariant** [448]. **Time-dependent** [353, 1421, 1991, 186, 1015, 351, 2196, 2030, 1335, 158, 2125, 1531, 1108, 422, 720, 1366, 1013]. **time-domain** [852, 1814]. **time-energy** [164]. **time-extended** [940]. **time-inhomogeneous** [338]. **time-like** [668, 488]. **Time-of-arrival** [829, 1331, 1333]. **time-periodic** [539, 774]. **Time-reversal** [2034]. **time-varying** [2148]. **timelike** [1445]. **times** [1331, 49, 130, 1102, 515, 1133, 1345, 250, 1168]. **Toda** [2182, 2084, 933, 1206, 418, 1601, 667, 102]. **Toeplitz** [1028, 706, 2087]. **tomography** [2037, 2204]. **tones** [2117]. **tongues** [805]. **Tonomura** [2150]. **Tools** [1821]. **top** [417, 17]. **Topological** [1786, 1387, 50, 1382, 20, 1731, 748, 1404, 696, 1168, 1095, 450, 85]. **Topologically** [357]. **topology** [1896, 2124, 1253, 679, 945, 821, 118]. **topos** [1487, 1488, 1489, 1490]. **tori** [1474, 1041]. **toric** [151]. **torsion** [416, 810, 2151]. **torus** [697, 986, 1153]. **Total** [885, 2018]. **toy** [1447]. **Trace** [593, 1230, 799, 997, 728, 1642]. **trace-nonincreasing** [997]. **trace-preserving** [728]. **traces** [341]. **Tracy** [1441]. **trains** [320]. **trajectories** [631, 700, 869, 652, 504, 361]. **trajectory** [730]. **transcendent**

[645, 2016]. **transcendents** [1343, 1753, 1602]. **Transfer** [1021, 842].
transform [854, 851, 2084, 200, 603, 204, 431, 601, 666, 31, 388, 640].
transformation [494, 170, 569, 202, 1479, 981, 2152, 827, 621, 277, 1523].
transformations [901, 737, 1265, 340, 1805, 1074, 1729, 1892, 446, 102].
Transforming [2154]. **transforms** [1552, 593, 1216, 1179, 1685, 665].
Transition [1009, 1991, 1506, 656, 1227]. **Transitional** [1879]. **transitions**
[245, 1632, 1543, 1478, 187]. **transitive** [1345]. **translation** [1244].
translational [515]. **transmission** [840, 1596, 892, 89]. **transmutation**
[490]. **Transparent** [1067]. **Transport**
[935, 1656, 2025, 885, 232, 1892, 1581, 846]. **transportation** [307].
transposition [2128]. **transverse** [883]. **trap** [1455]. **trapped** [893, 1499].
traps [965, 1188, 1356, 1772]. **Trautman** [775]. **traveling** [2067, 1741, 1724].
treatment [2073, 936, 585, 409]. **treatments** [1174]. **tree** [1676, 1662, 882].
treelike [1688]. **trees** [1598, 1673, 399]. **Tri** [594]. **Tri-Hamiltonian** [594].
triangles [2117]. **triangular** [350, 1252]. **triangularity** [258]. **triatomic**
[1443]. **trigonometric** [1334, 1456, 1179, 392, 294]. **trilinear** [1411]. **triple**
[534]. **Tsallis** [458, 527, 1721]. **Tube** [1833]. **tunable** [221]. **Tunneling**
[1235, 1331, 2030]. **Turaev** [1183]. **turbulence** [1068]. **turbulent** [688].
turning [1058]. **turns** [1863]. **twist** [380, 389, 2041]. **Twisted**
[1403, 1572, 1424, 929, 194, 1936, 1316, 1176, 1145, 1414, 564, 667]. **twisting**
[415]. **twistorlike** [2155]. **twists** [209]. **Two**
[130, 1025, 648, 1070, 71, 1976, 1099, 11, 1243, 2097, 1907, 1796, 1318, 172, 1612,
611, 1375, 2017, 1192, 18, 1751, 264, 1063, 1371, 180, 239, 441, 1778, 1054, 547,
585, 1080, 878, 1419, 1816, 625, 1897, 686, 649, 1639, 1050, 2049, 1937, 2096,
300, 157, 418, 1900, 340, 756, 2129, 1841, 200, 330, 2095, 969, 1946, 1557, 1455,
576, 1042, 1601, 2033, 1345, 954, 322, 601, 867, 1775, 813, 440, 85, 664, 73, 873,
413, 2069, 1779, 177, 735, 150, 1889, 2115, 1139, 6, 104, 102, 125, 1284, 199, 758].
Two- [1284, 758]. **two-body** [878]. **two-cluster** [413]. **two-column** [18].
Two-component [648, 649, 1455, 1042, 2033, 735]. **two-coupled** [1778].
Two-dimensional
[1099, 1375, 2017, 1063, 180, 239, 441, 1054, 547, 585, 1897, 1050, 2049, 1937,
2096, 418, 2129, 200, 969, 1601, 954, 1775, 440, 85, 664, 1779, 1139, 199].
two-electron [6, 104]. **two-fermion** [73]. **two-fluid** [322]. **Two-layer**
[1070]. **two-level** [1612, 125]. **two-loop** [611]. **two-matrix** [1751].
Two-parameter [1976, 1243]. **two-particle** [1889]. **two-photon**
[1371, 1816]. **two-scale** [1639]. **Two-sided** [2097, 1907, 1796]. **Two-spinor**
[130]. **Type** [773, 807, 1075, 943, 1956, 1386, 968, 151, 660, 533, 1492, 602,
796, 135, 2170, 1060, 1261, 581, 1878, 28, 285, 1867, 691, 1206, 1629, 1275,
845, 1164, 614, 2139, 815, 1711, 1983, 2044, 2006, 1021, 165, 1495, 1808, 762,
1118, 65, 714, 2009, 1101, 566]. **type-** [968]. **type-I** [1386]. **types**
[1025, 439, 1900, 1318]. **Tyutin** [1132, 1555]. **Tzitzeica** [1855, 621].

Uhlenbeck [687, 387]. **Ulam** [2138, 1014]. **ultra** [2131]. **ultradiscrete** [793].
ultrametric [246]. **ultrarelativistic** [1314]. **ultraviolet** [373, 1744].

umbral [1481]. **Unbiased** [1699, 44, 993, 1794]. **unbounded** [2122, 1630, 1727]. **Uncertainty** [1311, 851, 1081, 787, 1121, 903, 164, 113, 1039, 1567, 1504]. **unconditional** [1661]. **unconstrained** [1372, 370]. **underlying** [1542]. **undistillable** [1416]. **unification** [36, 1110, 452, 1618]. **Unified** [1513, 585, 765, 537, 92, 474, 35]. **Uniform** [84, 618, 71, 1728, 883, 1630, 947]. **uniformization** [2082, 713]. **uniformly** [841, 1563, 947]. **unifying** [1438]. **unilateral** [422, 720, 1433]. **Uniqueness** [20, 438, 690, 1584, 840, 289, 1850]. **unistochastic** [732, 2187]. **Unit** [1325, 1809, 1159, 160, 408, 664]. **unitaries** [864, 991]. **Unitary** [1636, 1218, 1032, 1402, 708, 732, 1562, 991, 973, 1105, 395, 492, 101, 1022, 405, 192, 365, 1617, 231, 2192, 277]. **unity** [430, 736, 258]. **Universal** [855, 1675, 1121, 1049, 454, 40, 1902, 1799, 1978, 209, 1308, 1125, 1981]. **Universality** [120, 467, 64, 1679, 1938]. **universe** [918, 1385, 2005, 1766, 548]. **Unknown** [3, 1330]. **unmixed** [955]. **unoriented** [77]. **unrestricted** [1739]. **unstable** [1333, 702]. **unusual** [595]. **uplifting** [557]. **Upper** [76, 510, 2114, 916]. **use** [2113, 2065, 727, 1910, 6, 104]. **Useful** [1332, 166]. **using** [219, 1077, 2001, 1073, 701, 1449, 215, 85].

V [581, 1275, 1950, 758]. **vacuum** [613, 351, 1918, 773, 190, 807, 1383, 1427, 1029, 1979, 821, 1119, 21]. **Vaidya** [232]. **vakonomic** [346, 950, 244]. **Validity** [95, 699]. **value** [886, 1206, 568, 2129, 1445, 83, 57, 2069, 2050]. **valued** [1028, 163, 1947, 634, 311, 2083, 1522, 803, 12, 1761, 306, 332, 1810, 894]. **values** [247, 1912, 700, 86, 1844]. **Vanishing** [1059, 139]. **vapor** [1632]. **Variable** [137, 590, 683, 1100, 1694, 1326, 2085, 383, 1745, 2126, 1744, 1905]. **variable-coefficient** [2126]. **Variable-separation** [137]. **variables** [1492, 865, 1112, 1422, 1044, 1365, 1354, 340, 921, 1750, 1242]. **Variant** [923]. **variants** [519]. **variation** [91]. **Variational** [183, 1919, 811, 789, 910, 73, 2092, 950, 412, 62, 1839, 719, 1493, 1072, 287, 420, 146, 1482]. **variations** [791, 1138]. **varieties** [605, 1264]. **varying** [2148]. **Vector** [536, 208, 1375, 2083, 1847, 1385, 546, 1180, 941, 1507, 2048, 94, 666, 25, 1107, 1007, 1123, 711, 1899, 1928]. **vector-valued** [2083]. **vectors** [2145, 515, 2158, 876, 2162]. **velocity** [1133, 84, 2180]. **velocity-term** [1133]. **Vernon** [1194]. **version** [895, 874, 1440, 1355, 669]. **versus** [950, 244, 1855, 1418]. **vertex** [1470, 624, 1451, 1731, 2104, 1408, 2012, 922]. **vertical** [1017]. **very** [540, 595]. **VI** [1225, 1753, 1602, 898]. **via** [798, 1970, 729, 590, 658, 23, 1234, 2104, 1888, 1600, 609, 834, 79, 114, 1278, 309, 2097, 1907, 1796]. **vibration** [1482]. **vibrational** [1443]. **view** [1569]. **viewpoint** [1742]. **violating** [468]. **violation** [1973, 1167]. **Virasoro** [1998, 734, 944, 1658, 495, 2169, 1484, 1316]. **Viro** [1183]. **Virtual** [1733]. **virtue** [1923]. **viscoelastic** [719, 1435, 2125, 1999]. **viscosity** [1771, 1059, 1988]. **viscous** [1057, 1878, 1766, 1649, 1259, 1807]. **visibility** [514]. **Visualization** [1501]. **Visualizing** [1192]. **Vlasov** [1292, 1092, 1880].

void [2217]. **voids** [1426, 1834]. **Volkov** [75]. **Volterra** [1473, 396, 960, 1666, 1779]. **Volume** [2187, 416, 1762, 1674, 963, 1996]. **vortex** [1061, 1141, 1062, 1349, 784, 2141, 106, 1042, 313]. **Vortices** [167, 1063, 117, 173, 477, 1889]. **vorticity** [2165, 615, 1070, 1059]. **Vries** [970, 961, 2159, 1970, 683, 845, 1559, 1536, 1886, 889, 894]. **VSI** [250].

Waals [1944]. **walk** [1879]. **Walker** [860, 1918, 280, 1102, 647, 811, 1277, 319, 548, 1538]. **walks** [2148, 1842, 1683, 1287, 1120, 1818, 1941]. **wall** [350, 755, 974, 1517, 1545, 96, 2012, 922]. **walls** [1029, 1937, 2096, 809]. **Wannier** [290]. **Ward** [1200, 1663]. **Warped** [1086, 880]. **water** [1632]. **Wave** [2196, 1221, 1108, 841, 1706, 506, 22, 2067, 1757, 9, 705, 998, 885, 1460, 1453, 987, 887, 941, 2102, 479, 80, 1354, 443, 2129, 1225, 577, 184, 320, 195, 639, 2005, 1975, 2152, 1483, 1940, 437, 220, 677, 930, 1224, 906, 1366, 833, 1004, 2213, 388, 73, 4, 690, 934, 411, 1547, 1318, 572, 1040, 75, 1724, 1144, 1520]. **wave-short** [1547, 1040]. **wavefunction** [1372]. **waveguides** [937, 816, 1161, 287]. **wavelength** [649]. **wavelet** [1109, 684, 839, 716]. **wavelets** [327, 1972]. **Waves** [731, 54, 1516, 1820, 683, 230, 1749, 300, 1577, 1582, 1885, 1282, 1705, 1874]. **way** [1535, 1425]. **ways** [1699]. **Weak** [21, 1140, 288, 920, 1821, 863, 2088, 30, 730, 344, 680, 739, 1999, 1772, 1249, 638]. **Weak-Hamiltonian** [1140]. **weakened** [1885]. **weaker** [739]. **weakly** [186, 1256, 1410, 1997, 2125, 489]. **webs** [1328]. **wedge** [48, 47, 295]. **Wegner** [1164]. **Weierstrass** [966]. **weight** [1659, 231]. **Weighted** [1082]. **Weil** [1794]. **Weingarten** [2135]. **Weiss** [245]. **Weitzenböck** [1964]. **Weizsäcker** [1314]. **Well** [1184, 1715, 1728, 2134, 1568, 1938, 253, 1292, 1190, 1900, 974, 1807, 2147]. **Well-posedness** [1728, 2134]. **wells** [148]. **Werner** [1269]. **Wess** [475, 1084]. **Weyl** [347, 864, 1530, 569, 198, 797, 2042, 1625, 615, 701, 994, 335, 14, 1622, 1815, 850]. **Weyl-covariant** [198]. **Wheeler** [22, 1919]. **which** [265]. **white** [560]. **Whitham** [734, 694, 1575, 1967]. **Whittaker** [2181]. **Widom** [1441]. **Wiener** [1661, 927, 2065]. **Wigert** [925]. **Wigner** [347, 1825, 1947, 1530, 569, 1572, 410, 1413, 261, 101, 1022, 818, 1545, 335, 14, 607, 383, 107]. **Wilson** [170, 262]. **window** [816]. **window-coupled** [816]. **Winternitz** [1274]. **without** [529, 860, 647, 2001, 981, 509, 1482]. **Witten** [275, 1084, 499, 2108, 806, 1148]. **Wong** [823]. **worlds** [1949]. **worst** [215]. **Wouthuysen** [2152]. **Wyman** [234].

X [201, 1400]. **X-ray** [201, 1400]. **XXZ** [2020, 2023].

Yang [1116, 370, 1406, 726, 803, 794, 371, 1850, 2003, 1852, 1557, 785, 72, 724, 873, 374, 1520]. **Yangian** [1740]. **Yangians** [929, 194, 1176]. **Yau**

[1130, 1381, 1763]. **Yetter** [1183]. **yield** [636]. **Young** [141, 806]. **Yukawa** [1292].

Zabolotskaya [2067]. **Zak** [851]. **Zakai** [823]. **Zakharov** [1876, 1286]. **Zamolodchikov** [875, 140]. **Zassenhaus** [558]. **Zeeman** [1253]. **Zehnder** [850]. **Zero** [702, 1452, 1747, 456, 1447, 996, 650]. **zero-entropy-density** [456]. **Zeta** [2009, 738, 1247, 595, 1556]. **zeta-function** [738, 1247]. **Zumino** [1084, 475].

References

Hall:2002:CSS

- [1] Brian C. Hall and Jeffrey J. Mitchell. Coherent states on spheres. *Journal of Mathematical Physics*, 43(3):1211–1236, March 2002. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See erratum [211] and comment [2208].

Ruskai:2002:IQE

- [2] Mary Beth Ruskai. Inequalities for quantum entropy: A review with conditions for equality. *Journal of Mathematical Physics*, 43(9):4358–4375, September 2002. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See erratum [37].

Caves:2002:UQS

- [3] Carlton M. Caves, Christopher A. Fuchs, and Rüdiger Schack. Unknown quantum states: The quantum de Finetti representation. *Journal of Mathematical Physics*, 43(9):4537–4559, September 2002. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See erratum [1330].

Torre:2003:HRW

- [4] C. G. Torre. The helically-reduced wave equation as a symmetric-positive system. *Journal of Mathematical Physics*, 44(12):6223–6232, December 2003. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See erratum [934].

Saenz:2004:QMS

- [5] A. W. Sáenz. Quantum-mechanical scattering in exterior domains with impenetrable periodic boundaries and short-range potentials. *Journal of Mathematical Physics*, 45(4):1426–1446, April 2004. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v45/i4/p1426_s1. See erratum [263].

Zamastil:2004:UAE

- [6] J. Zamastil, J. Cízek, M. Kalhous, L. Skála, and M. Simánek. The use of $so(2,1)$ algebra for the evaluation of atomic integrals: The study of two-electron atoms. *Journal of Mathematical Physics*, 45(7):2674–2693, July 2004. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v45/i7/p2674_s1. See erratum [104].

Galapon:2004:STA

- [7] Eric A. Galapon. Shouldn't there be an antithesis to quantization? *Journal of Mathematical Physics*, 45(8):3180–3215, August 2004. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v45/i8/p3180_s1. See erratum [1609].

Tanimoto:2004:HAL

- [8] Masayuki Tanimoto. Harmonic analysis of linear fields on the nilgeometric cosmological model. *Journal of Mathematical Physics*, 45(12):4896–4919, December 2004. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v45/i12/p4896_s1. See publisher's note [38].

Calder:2005:ASW

- [9] Matt S. Calder and Achim Kempf. Analysis of superoscillatory wave functions. *Journal of Mathematical Physics*, 46(1):012101, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012101_s1.

Domenech:2005:CLQ

- [10] Graciela Domenech and Hector Freytes. Contextual logic for quantum systems. *Journal of Mathematical Physics*, 46(1):012102, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012102_s1.

Panahi:2005:TTD

- [11] H. Panahi and M. A. Jafarizadeh. Two and three dimensional Hamiltonians with generalized and ordinary shape invariance symmetry. *Journal of Mathematical Physics*, 46(1):012103, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012103_s1.

Decker:2005:IGC

- [12] Thomas Decker, Dominik Janzing, and Martin Rötteler. Implementation of group-covariant positive operator valued measures by orthogonal measurements. *Journal of Mathematical Physics*, 46(1):012104, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012104_s1.

Morame:2005:RSN

- [13] Abderemane Morame and Françoise Truc. Remarks on the spectrum of the Neumann problem with magnetic field in the half-space. *Journal of Mathematical Physics*, 46(1):012105, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012105_s1.

Mukunda:2005:WWI

- [14] N. Mukunda, G. Marmo, A. Zampini, S. Chaturvedi, and R. Simon. Wigner–Weyl isomorphism for quantum mechanics on Lie groups. *Journal of Mathematical Physics*, 46(1):012106, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012106_s1.

Gravesen:2005:SPS

- [15] Jens Gravesen, Morten Willatzen, and L. C. Lew Yan Voon. Schrödinger problems for surfaces of revolution — the finite cylinder as a test example. *Journal of Mathematical Physics*, 46(1):012107, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012107_s1.

Bhattacharyya:2005:QIB

- [16] Tanaya Bhattacharyya. Quantum integrability of bosonic massive Thirring model in continuum. *Journal of Mathematical Physics*, 46(1):012301, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012301_s1.

Armenta:2005:SRT

- [17] J. Armenta and J. A. Nieto. The de Sitter relativistic top theory. *Journal of Mathematical Physics*, 46(1):012302, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012302_s1.

Bekaert:2005:NSI

- [18] Xavier Bekaert, Nicolas Boulanger, and Sandrine Cnockaert. No self-interaction for two-column massless fields. *Journal of Mathematical Physics*, 46(1):012303, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012303_s1.

Abreu:2005:CBC

- [19] L. M. Abreu, C. de Calan, A. P. C. Malbouisson, J. M. C. Malbouisson, and A. E. Santana. Critical behavior of the compactified $\lambda\phi^4$ theory. *Journal of Mathematical Physics*, 46(1):012304, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012304_s1.

Choe:2005:UTM

- [20] Kwangseok Choe. Uniqueness of the topological multivortex solution in the self-dual Chern–Simons theory. *Journal of Mathematical Physics*, 46(1):012305, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012305_s1.

Itin:2005:WFR

- [21] Yakov Itin. Weak field reduction in teleparallel coframe gravity: Vacuum case. *Journal of Mathematical Physics*, 46(1):012501, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012501_s1.

Blue:2005:WES

- [22] P. Blue and A. Soffer. The wave equation on the Schwarzschild metric II. Local decay for the spin-2 Regge–Wheeler equation. *Journal of Mathematical Physics*, 46(1):012502, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012502_s1.

Edgar:2005:NSC

- [23] S. Brian Edgar. Necessary and sufficient conditions for n -dimensional conformal Einstein spaces via dimensionally dependent identities. *Journal of Mathematical Physics*, 46(1):012503, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012503_s1.

Batic:2005:ECP

- [24] Davide Batic, Harald Schmid, and Monika Winklmeier. On the eigenvalues of the Chandrasekhar–Page angular equation. *Journal of Mathematical Physics*, 46(1):012504, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012504_s1.

Pucacco:2005:IHS

- [25] Giuseppe Pucacco and Kjell Rosquist. Integrable Hamiltonian systems with vector potentials. *Journal of Mathematical Physics*, 46(1):012701, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012701_s1.

Shirzad:2005:DSA

- [26] A. Shirzad and M. Mojiri. The difficulty of symplectic analysis with second class systems. *Journal of Mathematical Physics*, 46(1):012702, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012702_s1.

DeCarli:2005:MHS

- [27] E. De Carli and L. A. Ferreira. A model for Hopfions on the space-time $S^3 \times \mathbf{R}$. *Journal of Mathematical Physics*, 46(1):012703, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012703_s1.

DiBartolo:2005:DTA

- [28] Cayetano Di Bartolo, Rodolfo Gambini, Rafael A. Porto, and Jorge Pullin. Dirac-type approach for consistent discretizations of classical constrained theories. *Journal of Mathematical Physics*, 46(1):012901, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p012901_s1.

Ivanova:2005:BAC

- [29] A. N. Ivanova, S. I. Kuchanov, and L. I. Manevitch. Bifurcation analysis for the construction of a phase diagram of heteropolymer liquids. *Journal of Mathematical Physics*, 46(1):013301, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013301_s1.

Field:2005:DMW

- [30] Timothy R. Field and Robert J. A. Tough. Dynamical models of weak scattering. *Journal of Mathematical Physics*, 46(1):013302, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013302_s1.

Schwarz:2005:GST

- [31] John H. Schwarz. The generalized Stieltjes transform and its inverse. *Journal of Mathematical Physics*, 46(1):013501, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013501_s1.

Papanicolaou:2005:NDE

- [32] Vassilis G. Papanicolaou and Paul K. Newton. Nonlinear dissipative eigenvalue problems with large initial conditions. *Journal of Mathematical Physics*, 46(1):013502, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013502_s1.

Li:2005:QBC

- [33] Y. Charles Li. On quasiperiodic boundary condition problem. *Journal of Mathematical Physics*, 46(1):013503, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013503_s1.

Duan:2005:TSP

- [34] Jun-Sheng Duan. Time- and space-fractional partial differential equations. *Journal of Mathematical Physics*, 46(1):013504, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013504_s1.

Zhang:2005:UCC

- [35] Yao-Zhong Zhang and Mark D. Gould. A unified and complete construction of all finite dimensional irreducible representations of $gl(2|2)$. *Journal of Mathematical Physics*, 46(1):013505, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013505_s1.

Anderson:2005:UMB

- [36] Gregory W. Anderson and Tomas Blazek. E_6 unification model building. III. Clebsch–Gordan coefficients in E_6 tensor products of the 27 with

higher dimensional representations. *Journal of Mathematical Physics*, 46(1):013506, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p013506_s1.

Ruskai:2005:EIQ

- [37] Mary Beth Ruskai. Erratum: “Inequalities for quantum entropy: A review with conditions for equality”, [J. Math. Phys. **43**, 4358 (2002)]. *Journal of Mathematical Physics*, 46(1):019901, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p019901_s1. See [2].

Tanimoto:2005:PNH

- [38] Masayuki Tanimoto. Publisher’s note: “Harmonic analysis of linear fields on the nilgeometric cosmological model”, [J. Math. Phys. **45**, 4896 (2004)]. *Journal of Mathematical Physics*, 46(1):019902, January 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i1/p019902_s1. See [8].

Tanimura:2005:ESI

- [39] Shogo Tanimura, Mikio Nakahara, and Daisuke Hayashi. Exact solutions of the isoholonomic problem and the optimal control problem in holonomic quantum computation. *Journal of Mathematical Physics*, 46(2):022101, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022101_s1.

Junge:2005:UCR

- [40] Marius Junge, Peter T. Kim, and David W. Kribs. Universal collective rotation channels and quantum error correction. *Journal of Mathematical Physics*, 46(2):022102, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022102_s1.

Ichinose:2005:PIR

- [41] Takashi Ichinose. Path integral for the radial Dirac equation. *Journal of Mathematical Physics*, 46(2):022103, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022103_s1.

Saad:2005:SAS

- [42] Nasser Saad, Richard L. Hall, and Qutaibeh D. Katatbeh. Study of anharmonic singular potentials. *Journal of Mathematical Physics*, 46(2):022104, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022104_s1.

Zhu:2005:PNM

- [43] Wusheng Zhu and Herschel Rabitz. Perturbative and nonperturbative master equations for open quantum systems. *Journal of Mathematical Physics*, 46(2):022105, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022105_s1.

Archer:2005:TNG

- [44] Claude Archer. There is no generalization of known formulas for mutually unbiased bases. *Journal of Mathematical Physics*, 46(2):022106, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022106_s1.

Peletminskii:2005:SQM

- [45] Sergey V. Peletminskii and Yuriy V. Slyusarenko. Second quantization method in the presence of bound states of particles. *Journal of Mathematical Physics*, 46(2):022301, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022301_s1.

Abounasr:2005:AGR

- [46] R. Abounasr, M. Ait Ben Haddou, A. El Rhalami, and E. H. Saidi. Algebraic geometry realization of quantum Hall soliton. *Journal of Mathematical Physics*, 46(2):022302, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022302_s1.

Ahmedov:2005:CEW

- [47] H. Ahmedov and I. H. Duru. Casimir energy for a wedge with three surfaces and for a pyramidal cavity. *Journal of Mathematical Physics*, 46(2):022303, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022303_s1.

Ahmedov:2005:CEC

- [48] H. Ahmedov and I. H. Duru. Casimir energy in a conical wedge and a conical cavity. *Journal of Mathematical Physics*, 46(2):022304, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022304_s1.

Brozos-Vazquez:2005:SRL

- [49] Miguel Brozos-Vázquez, Eduardo García-Río, and Ramón Vázquez-Lorenzo. Some remarks on locally conformally flat static space-times. *Journal of Mathematical Physics*, 46(2):022501, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022501_s1.

Patino:2005:TQG

- [50] Leonardo Patiño and Hernando Quevedo. Topological quantization of gravitational fields. *Journal of Mathematical Physics*, 46(2):022502, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022502_s1.

Hollands:2005:AFB

- [51] Stefan Hollands and Akihiro Ishibashi. Asymptotic flatness and Bondi energy in higher dimensional gravity. *Journal of Mathematical Physics*, 46(2):022503, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022503_s1.

Mada:2005:PDC

- [52] Jun Mada, Makoto Idzumi, and Tetsuji Tokihiro. Path description of conserved quantities of generalized periodic box-ball systems. *Journal of Mathematical Physics*, 46(2):022701, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022701_s1.

Blesgen:2005:RMD

- [53] T. Blesgen. A revised model for diffusion induced segregation processes. *Journal of Mathematical Physics*, 46(2):022702, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022702_s1.

Afanasiev:2005:SWT

- [54] G. N. Afanasiev, V. M. Shilov, and Yu. P. Stepanovsky. Shock waves in the Tamm problem and the possibility of their experimental observation. *Journal of Mathematical Physics*, 46(2):022901, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p022901_s1.

Cammarota:2005:IGM

- [55] Camillo Cammarota. An inequality for the Gibbs mean number of clusters. *Journal of Mathematical Physics*, 46(2):023301, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023301_s1.

Gibilisco:2005:MSC

- [56] Paolo Gibilisco and Tommaso Isola. On the monotonicity of scalar curvature in classical and quantum information geometry. *Journal of Mathematical Physics*, 46(2):023501, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023501_s1.

Salvarani:2005:LTA

- [57] F. Salvarani and G. Toscani. Large-time asymptotics for nonlinear diffusions: the initial-boundary value problem. *Journal of Mathematical Physics*, 46(2):023502, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023502_s1.

Shih:2005:ACS

- [58] M. Shih, E. Momoniat, and F. M. Mahomed. Approximate conditional symmetries and approximate solutions of the perturbed Fitzhugh–Nagumo equation. *Journal of Mathematical Physics*, 46(2):023503, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023503_s1.

Cheh:2005:MCE

- [59] Jeongoo Cheh, Peter J. Olver, and Juha Pohjanpelto. Maurer–Cartan equations for Lie symmetry pseudogroups of differential equations. *Journal of Mathematical Physics*, 46(2):023504, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023504_s1.

Bluman:2005:LNS

- [60] G. W. Bluman, Temuerchaolu, and R. Sahadevan. Local and nonlocal symmetries for nonlinear telegraph equation. *Journal of Mathematical Physics*, 46(2):023505, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023505_s1.

Constantin:2005:FPS

- [61] Adrian Constantin. Finite propagation speed for the Camassa–Holm equation. *Journal of Mathematical Physics*, 46(2):023506, February 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i2/p023506_s1.

Brandt:2005:RCE

- [62] Sebastian F. Brandt, Hagen Kleinert, and Axel Pelster. Recursive calculation of effective potential and variational resummation. *Journal of Mathematical Physics*, 46(3):032101, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032101_s1.

Sinha:2005:SMN

- [63] A. Sinha and P. Roy. PT symmetric models with nonlinear pseudosupersymmetry. *Journal of Mathematical Physics*, 46(3):032102, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032102_s1.

Khuri:2005:ULE

- [64] N. N. Khuri, André Martin, Pierre C. Sabatier, and Tai Tsun Wu. Universality of low-energy scattering in $2 + 1$ dimensions: The nonsymmetric case. *Journal of Mathematical Physics*, 46(3):032103, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032103_s1. See addendum [467].

Strauss:2005:SNF

- [65] Y. Strauss. Sz.–Nagy–Foiás theory and Lax–Phillips type semigroups in the description of quantum mechanical resonances. *Journal of Mathematical Physics*, 46(3):032104, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032104_s1.

Privault:2005:EQM

- [66] Nicolas Privault and Jean-Claude Zambrini. Euclidean quantum mechanics in the momentum representation. *Journal of Mathematical Physics*, 46(3):032105, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032105_s1.

Rangan:2005:CFD

- [67] C. Rangan and A. M. Bloch. Control of finite-dimensional quantum systems: Application to a spin-1/2 particle coupled with a finite quantum harmonic oscillator. *Journal of Mathematical Physics*, 46(3):032106, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032106_s1.

Ghanmi:2005:ACH

- [68] Allal Ghanmi and Ahmed Intissar. Asymptotic of complex hyperbolic geometry and L^2 -spectral analysis of Landau-like Hamiltonians. *Journal of Mathematical Physics*, 46(3):032107, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032107_s1.

McCaw:2005:PPS

- [69] James McCaw and B. H. J. McKellar. Pure point spectrum for the time evolution of a periodically rank- N kicked Hamiltonian. *Journal of Mathematical Physics*, 46(3):032108, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032108_s1.

Breiderhoff:2005:ESS

- [70] Julia Breiderhoff, Fabio Musso, and Orlando Ragnisco. Exact solution to a supersymmetric Gaudin model. *Journal of Mathematical Physics*, 46(3):032109, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032109_s1.

Kandemir:2005:TIE

- [71] B. S. Kandemir. Two interacting electrons in a uniform magnetic field and a parabolic potential: The general closed-form solution. *Journal of Mathematical Physics*, 46(3):032110, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032110_s1.

Loikkanen:2005:YMA

- [72] Juha Loikkanen and Cornelius Paufler. Yang–Mills action from minimally coupled bosons on \mathbf{R}^4 and on the four-dimensional Moyal plane. *Journal of Mathematical Physics*, 46(3):032301, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032301_s1.

Terekidi:2005:VTF

- [73] Andrei G. Terekidi and Jurij W. Darewych. Variational two-fermion wave equations in quantum electrodynamics: Muoniumlike systems. *Journal of Mathematical Physics*, 46(3):032302, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032302_s1.

Kijowski:2005:CSS

- [74] J. Kijowski and G. Rudolph. Charge superselection sectors for QCD on the lattice. *Journal of Mathematical Physics*, 46(3):032303, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032303_s1.

Zakowicz:2005:SIW

- [75] Stephan Zakowicz. Square-integrable wave packets from the Volkov solutions. *Journal of Mathematical Physics*, 46(3):032304, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032304_s1.

Brau:2005:ULC

- [76] Fabian Brau. Upper limit on the critical strength of central potentials in relativistic quantum mechanics. *Journal of Mathematical Physics*, 46(3):032305, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032305_s1.

Varga:2005:MTU

- [77] Peter Varga. Matrix theory of unoriented membranes and Jordan algebras. *Journal of Mathematical Physics*, 46(3):032306, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032306_s1.

DiBartolo:2005:CMD

- [78] Cayetano Di Bartolo, Rodolfo Gambini, and Jorge Pullin. Consistent and mimetic discretizations in General Relativity. *Journal of Mathematical Physics*, 46(3):032501, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032501_s1.

Montiel-Piña:2005:GRC

- [79] Enrique Montiel-Piña, Ezra Ted Newman, and Gilberto Silva-Ortigoza. General relativity via complete integrals of the Hamilton–Jacobi equation. *Journal of Mathematical Physics*, 46(3):032502, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032502_s1.

Hon:2005:AGS

- [80] Y. C. Hon and E. G. Fan. An algebro-geometric solution for a Hamiltonian system with application to dispersive long wave equation. *Journal of Mathematical Physics*, 46(3):032701, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032701_s1.

Etayo:2005:LFN

- [81] Fernando Etayo, Rafael Santamaría, and Sergiu I. Vacaru. Lagrange–Fedosov nonholonomic manifolds. *Journal of Mathematical Physics*, 46(3):032901, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032901_s1.

Pavon:2005:HJE

- [82] Michele Pavon. Hamilton–Jacobi equations for nonholonomic dynamics. *Journal of Mathematical Physics*, 46(3):032902, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p032902_s1.

Panayotounakos:2005:EAS

- [83] D. E. Panayotounakos, N. B. Sotiropoulos, A. B. Sotiropoulou, and N. D. Panayotounakou. Exact analytic solutions of nonlinear boundary value problems in fluid mechanics (Blasius equations). *Journal of Mathematical Physics*, 46(3):033101, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033101_s1. See comment [568].

Nunez:2005:UEV

- [84] Manuel Núñez. Uniform estimates on the velocity in Rayleigh–Bénard convection. *Journal of Mathematical Physics*, 46(3):033102, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033102_s1.

Suzuki:2005:SBB

- [85] Masuo Suzuki, Hidenori Suzuki, and Shu-Chiuan Chang. Study on boundary-boundary correlation functions of the two-dimensional Ising model using topological interaction method. *Journal of Mathematical Physics*, 46(3):033301, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033301_s1.

Soshnikov:2005:LSV

- [86] Alexander Soshnikov and Yan V. Fyodorov. On the largest singular values of random matrices with independent Cauchy entries. *Journal of Mathematical Physics*, 46(3):033302, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033302_s1.

Benfatto:2005:LTS

- [87] Giuseppe Benfatto, Marzio Cassandro, I. Merola, and E. Presutti. Limit theorems for statistics of combinatorial partitions with applications to mean field Bose gas. *Journal of Mathematical Physics*, 46(3):033303, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033303_s1.

Stoilova:2005:CGQa

- [88] N. I. Stoilova and J. Van der Jeugt. A classification of generalized quantum statistics associated with classical Lie algebras. *Journal of Mathematical Physics*, 46(3):033501, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033501_s1.

Pelap:2005:SEO

- [89] François B. Pelap and Mansour M. Faye. Solitonlike excitations in a one-dimensional electrical transmission line. *Journal of Mathematical Physics*, 46(3):033502, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033502_s1.

Leandre:2005:BPD

- [90] Rémi Léandre. Brownian pants and Deligne cohomology. *Journal of Mathematical Physics*, 46(3):033503, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033503_s1.

Zamastil:2005:MVC

- [91] J. Zamastil, M. Simánek, J. Cízek, and L. Skála. Method of variation of constants for difference equations and its application to the calculation of atomic integrals. *Journal of Mathematical Physics*, 46(3):033504, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033504_s1.

Fukuyama:2005:GTU

- [92] Takeshi Fukuyama, Amon Ilakovac, Tatsuru Kikuchi, Stjepan Meljanac, and Nobuchika Okada. SO(10) group theory for the unified model building. *Journal of Mathematical Physics*, 46(3):033505, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033505_s1.

Khodarinova:2005:QID

- [93] L. A. Khodarinova. Quantum integrability of the deformed elliptic Calogero–Moser problem. *Journal of Mathematical Physics*, 46(3):033506, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033506_s1.

Ma:2005:ICV

- [94] Wen-Xiu Ma. Integrable couplings of vector AKNS soliton equations. *Journal of Mathematical Physics*, 46(3):033507, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033507_s1.

Moriya:2005:VFS

- [95] Hajime Moriya. Validity and failure of some entropy inequalities for CAR systems. *Journal of Mathematical Physics*, 46(3):033508, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033508_s1.

Pantoja:2005:SDD

- [96] Nelson Pantoja and Alberto Sanoja. Symmetries of distributional domain wall geometries. *Journal of Mathematical Physics*, 46(3):033509, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033509_s1.

Baake:2005:SPS

- [97] M. Baake and D. Frettlöh. SCD patterns have singular diffraction. *Journal of Mathematical Physics*, 46(3):033510, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033510_s1.

Schunck:2005:GAS

- [98] A. F. Schunck and Chris Wainwright. A geometric approach to scalar field theories on the supersphere. *Journal of Mathematical Physics*, 46(3):033511, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033511_s1.

Derezinski:2005:LSO

- [99] Jan Dereziński and Rafał Früboes. Level shift operator and second order perturbation theory. *Journal of Mathematical Physics*, 46(3):033512, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033512_s1.

Aigon-Dupuy:2005:HOT

- [100] Aline Aigon-Dupuy, Peter Buser, Michel Cibils, Alfred F. Künzle, and Frank Steiner. Hyperbolic octagons and Teichmüller space in genus 2. *Journal of Mathematical Physics*, 46(3):033513, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033513_s1.

Kota:2005:WRA

- [101] V. K. B. Kota. $SU(N)$ Wigner–Racah algebra for the matrix of second moments of embedded Gaussian unitary ensemble of random matrices. *Journal of Mathematical Physics*, 46(3):033514, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033514_s1.

Zhou:2005:DTE

- [102] Zi-Xiang Zhou. Darboux transformations and exact solutions of two dimensional $A_{2n}^{(2)}$ Toda equation. *Journal of Mathematical Physics*, 46(3):033515, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033515_s1.

Boyllian:2005:RCL

- [103] Carina Boyllian and José I. Liberati. Representations of classical Lie subalgebras of quantum pseudodifferential operators. *Journal of Mathematical Physics*, 46(3):033516, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p033516_s1.

Zamastil:2005:EUA

- [104] J. Zamastil, J. Cízek, M. Kalhous, L. Skála, and M. Simánek. Erratum: “The use of $so(2, 1)$ algebra for the evaluation of atomic integrals: The study of two-electron atoms”, [*J. Math. Phys.* **45**, 2674 (2004)]. *Journal of Mathematical Physics*, 46(3):039901, March 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i3/p039901_s1. See [6].

Karatsuba:2005:ITL

- [105] Ekatherina A. Karatsuba and Paolo Moretti. Inversion time of large spins. *Journal of Mathematical Physics*, 46(4):042101, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042101_s1.

Goldin:2005:QKB

- [106] Gerald A. Goldin, Robert Owczarek, and David H. Sharp. Quantum kinematics of bosonic vortex loops. *Journal of Mathematical Physics*, 46(4):042102, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042102_s1.

Wood:2005:BIW

- [107] J. G. Wood and A. J. Bracken. Bounds on integrals of the Wigner function: The hyperbolic case. *Journal of Mathematical Physics*, 46(4):042103, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042103_s1.

Blasi:2005:ADQ

- [108] A. Blasi, G. Sclarici, and L. Solombrino. Alternative descriptions in quaternionic quantum mechanics. *Journal of Mathematical Physics*, 46(4):042104, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042104_s1.

Giovannetti:2005:CMM

- [109] Vittorio Giovannetti, Seth Lloyd, and Mary Beth Ruskai. Conditions for multiplicativity of maximal l_p -norms of channels for fixed integer p . *Journal of Mathematical Physics*, 46(4):042105, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042105_s1. See publisher's note [212].

Cornean:2005:RPL

- [110] Horia D. Cornean, Arne Jensen, and Valeriu Moldoveanu. A rigorous proof of the Landauer–Büttiker formula. *Journal of Mathematical Physics*, 46(4):042106, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042106_s1.

Kiukas:2005:MOC

- [111] Jukka Kiukas, Pekka Lahti, and Kari Ylisen. Moment operators of the Cartesian margins of the phase space observables. *Journal of Mathematical Physics*, 46(4):042107, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042107_s1.

Scherer:2005:ISD

- [112] Artur Scherer and Andrei N. Soklakov. Initial states and decoherence of histories. *Journal of Mathematical Physics*, 46(4):042108, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042108_s1.

Park:2005:IUR

- [113] Yong Moon Park. Improvement of uncertainty relations for mixed states. *Journal of Mathematical Physics*, 46(4):042109, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042109_s1.

Roknizadeh:2005:CDF

- [114] R. Roknizadeh and M. K. Tavassoly. Construction of the dual family of Gazeau–Klauder coherent states via temporally stable nonlinear coherent states. *Journal of Mathematical Physics*, 46(4):042110, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042110_s1.

Haba:2005:EGF

- [115] Z. Haba. Estimates on Green functions of second order differential operators with singular coefficients. *Journal of Mathematical Physics*, 46(4):042301, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042301_s1.

Hiroshima:2005:MRN

- [116] Fumio Hiroshima and Herbert Spohn. Mass renormalization in nonrelativistic quantum electrodynamics. *Journal of Mathematical Physics*, 46(4):042302, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042302_s1.

Chae:2005:ESC

- [117] Dongho Chae. Existence of the semilocal Chern–Simons vortices. *Journal of Mathematical Physics*, 46(4):042303, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042303_s1.

Tolksdorf:2005:TEI

- [118] Jürgen Tolksdorf. The topology of the electroweak interaction. *Journal of Mathematical Physics*, 46(4):042304, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042304_s1.

Pirozhenko:2005:IEH

- [119] I. G. Pirozhenko, V. V. Nesterenko, and M. Bordag. Integral equations for heat kernel in compound media. *Journal of Mathematical Physics*, 46(4):042305, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042305_s1.

Ioannidou:2005:UCQ

- [120] T. A. Ioannidou, A. Kouiroukidis, and N. D. Vlachos. Universality in a class of Q-ball solutions: An analytic approach. *Journal of Mathematical Physics*, 46(4):042306, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042306_s1.

Mine:2005:RBG

- [121] M. Mine, M. Okumura, and Y. Yamanaka. Relation between generalized Bogoliubov and Bogoliubov–de Gennes approaches including Nambu–Goldstone mode. *Journal of Mathematical Physics*, 46(4):042307, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042307_s1.

Nagi:2005:ESA

- [122] Jasbir Nagi. On extensions of superconformal algebras. *Journal of Mathematical Physics*, 46(4):042308, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042308_s1.

Loya:2005:FDD

- [123] Paul Loya and Jinsung Park. Functional determinants for the Dirac equation with mixed pseudodifferential boundary conditions over finite cylinders. *Journal of Mathematical Physics*, 46(4):042309, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042309_s1.

Han:2005:NBS

- [124] Jongmin Han and Jaeduk Jang. Nontopological bare solutions in the relativistic self-dual Maxwell–Chern–Simons–Higgs model. *Journal of Mathematical Physics*, 46(4):042310, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042310_s1.

Amniat-Talab:2005:QAR

- [125] M. Amniat-Talab, S. Guérin, and H. R. Jauslin. Quantum averaging and resonances: Two-level atom in a one-mode quantized field. *Journal of Mathematical Physics*, 46(4):042311, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042311_s1.

Bengtsson:2005:AIH

- [126] A. K. H. Bengtsson. An abstract interface to higher spin gauge field theory. *Journal of Mathematical Physics*, 46(4):042312, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042312_s1.

Lombardo:2005:NSS

- [127] D. J. Cirilo Lombardo. New spherically symmetric monopole and regular solutions in Einstein–Born–Infeld theories. *Journal of Mathematical Physics*, 46(4):042501, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042501_s1.

Sharma:2005:CSE

- [128] Ramesh Sharma. Conformal symmetries of Einstein’s field equations and initial data. *Journal of Mathematical Physics*, 46(4):042502, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042502_s1.

Vacaru:2005:ESN

- [129] Sergiu I. Vacaru. Exact solutions with noncommutative symmetries in Einstein and gauge gravity. *Journal of Mathematical Physics*, 46(4):042503, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042503_s1.

Cardoso:2005:TSC

- [130] J. G. Cardoso. Two-spinor curvature structures for a class of conformally flat space–times. *Journal of Mathematical Physics*, 46(4):042504, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042504_s1.

Dai:2005:NPE

- [131] Xianzhe Dai. A note on positive energy theorem for spaces with asymptotic SUSY compactification. *Journal of Mathematical Physics*, 46(4):042505, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042505_s1.

Krisch:2005:FBG

- [132] J. P. Krisch. Fractional boundary for the Gott–Hiscock string. *Journal of Mathematical Physics*, 46(4):042506, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042506_s1.

Kisiel:2005:QPB

- [133] Ali Ulas Özgür Kisiel. On quadratic Poisson brackets. *Journal of Mathematical Physics*, 46(4):042701, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042701_s1.

Szablikowski:2005:DSM

- [134] Blazej M. Szablikowski and Maciej Blaszak. On deformations of standard R -matrices for integrable infinite-dimensional systems. *Journal of Mathematical Physics*, 46(4):042702, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042702_s1.

Caudrelier:2005:SQN

- [135] V. Caudrelier, M. Mintchev, and E. Ragoucy. Solving the quantum nonlinear Schrödinger equation with δ -type impurity. *Journal of Mathematical Physics*, 46(4):042703, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042703_s1.

Casati:2005:LNC

- [136] Paolo Casati, Paolo Lorenzoni, Giovanni Ortenzi, and Marco Pedroni. On the local and nonlocal Camassa–Holm hierarchies. *Journal of Mathematical Physics*, 46(4):042704, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042704_s1.

Benenti:2005:VST

- [137] S. Benenti, C. Chanu, and G. Rastelli. Variable-separation theory for the null Hamilton–Jacobi equation. *Journal of Mathematical Physics*, 46(4):042901, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p042901_s1.

Billig:2005:MHA

- [138] Yuly Billig. Magnetic hydrodynamics with asymmetric stress tensor. *Journal of Mathematical Physics*, 46(4):043101, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043101_s1.

Eshraghi:2005:SCV

- [139] Homayoon Eshraghi and Yousefali Abedini. A special class in vanishing helicity ideal flows. *Journal of Mathematical Physics*, 46(4):043102, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043102_s1.

Ray:2005:BAS

- [140] Subhankar Ray and J. Shamanna. A Bethe Ansatz study of free energy and excitation spectrum for even spin Fateev–Zamolodchikov model. *Journal of Mathematical Physics*, 46(4):043301, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043301_s1.

Elvang:2005:DYP

- [141] Henriette Elvang, Predrag Cvitanović, and Anthony D. Kennedy. Diagrammatic Young projection operators for $U(n)$. *Journal of Mathematical Physics*, 46(4):043501, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043501_s1.

Popovych:2005:HCL

- [142] Roman O. Popovych and Nataliya M. Ivanova. Hierarchy of conservation laws of diffusion-convection equations. *Journal of Mathematical Physics*, 46(4):043502, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043502_s1.

Gayral:2005:SAM

- [143] Victor Gayral and Bruno Iochum. The spectral action for Moyal planes. *Journal of Mathematical Physics*, 46(4):043503, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043503_s1.

Pickering:2005:DSI

- [144] A. Pickering and J. Prada. Dirichlet series and the integrability of multilinear differential equations. *Journal of Mathematical Physics*, 46(4):

043504, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043504_s1.

Bentosela:2005:DOD

- [145] F. Bentosela, P. Duclos, V. Moldoveanu, and G. Nenciu. The dynamics of one-dimensional Bloch electrons in constant electric fields. *Journal of Mathematical Physics*, 46(4):043505, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043505_s1.

Talukdar:2005:IVP

- [146] B. Talukdar, S. Ghosh, and U. Das. Inverse variational problem and canonical structure of Burgers equations. *Journal of Mathematical Physics*, 46(4):043506, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043506_s1.

Niestegge:2005:CEA

- [147] Gerd Niestegge. Conditional expectations associated with quantum states. *Journal of Mathematical Physics*, 46(4):043507, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043507_s1.

Aubin:2005:CEW

- [148] Jean-Pierre Aubin and Annick Lesne. Constructing and exploring wells of energy landscapes. *Journal of Mathematical Physics*, 46(4):043508, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043508_s1.

Rogers:2005:PFE

- [149] Mathew D. Rogers. Partial fractions expansions and identities for products of Bessel functions. *Journal of Mathematical Physics*, 46(4):043509, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043509_s1.

Xia:2005:MGK

- [150] Tiecheng Xia and Engui Fan. The multicomponent generalized Kaup–Newell hierarchy and its multicomponent integrable couplings system with two arbitrary functions. *Journal of Mathematical Physics*, 46(4):

043510, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043510_s1.

Belhaj:2005:TGS

- [151] Adil Belhaj and Jørgen Rasmussen. On toric geometry, Spin(7) manifolds, and type II superstring compactifications. *Journal of Mathematical Physics*, 46(4):043511, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043511_s1.

Jureit:2005:CIAa

- [152] Jan-Hendrik Jureit and Christoph A. Stephan. On a classification of irreducible almost commutative geometries, a second helping. *Journal of Mathematical Physics*, 46(4):043512, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043512_s1.

Zhang:2005:SFH

- [153] R. B. Zhang and Y. M. Zou. Spherical functions on homogeneous superspaces. *Journal of Mathematical Physics*, 46(4):043513, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043513_s1.

Michel:2005:SAS

- [154] Laurent Michel. Scattering amplitude and scattering phase for the Schrödinger equation with strong magnetic field. *Journal of Mathematical Physics*, 46(4):043514, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043514_s1.

Davies:2005:SHB

- [155] Ian M. Davies, Aubrey Truman, and Huaizhong Zhao. Stochastic heat and Burgers equations and their singularities. II. Analytical properties and limiting distributions. *Journal of Mathematical Physics*, 46(4):043515, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043515_s1.

Garoni:2005:ASL

- [156] T. M. Garoni. On the asymptotics of some large Hankel determinants generated by Fisher–Hartwig symbols defined on the real line. *Journal*

of Mathematical Physics, 46(4):043516, April 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i4/p043516_s1.

Hallnas:2005:EST

- [157] Martin Hallnäs and Edwin Langmann. Exact solutions of two complementary one-dimensional quantum many-body systems on the half-line. *Journal of Mathematical Physics*, 46(5):052101, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052101_s1.

Lan:2005:ACT

- [158] Chunhua Lan, Tzyh-Jong Tarn, Quo-Shin Chi, and John W. Clark. Analytic controllability of time-dependent quantum control systems. *Journal of Mathematical Physics*, 46(5):052102, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052102_s1.

Lucarelli:2005:CAH

- [159] Dennis Lucarelli. Control aspects of holonomic quantum computation. *Journal of Mathematical Physics*, 46(5):052103, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052103_s1.

Gridnev:2005:STU

- [160] D. K. Gridnev, C. Greiner, and W. Greiner. Stability of three unit charges: Necessary conditions. *Journal of Mathematical Physics*, 46(5):052104, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052104_s1.

Mantoiu:2005:SDQ

- [161] Marius Mantoiu and Radu Purice. Strict deformation quantization for a particle in a magnetic field. *Journal of Mathematical Physics*, 46(5):052105, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052105_s1.

Jiang:2005:AMD

- [162] Tongsong Jiang. Algebraic methods for diagonalization of a quaternion matrix in quaternionic quantum theory. *Journal of Mathematical Physics*, 46(5):052106, May 2005. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052106_s1.

Appleby:2005:SIC

- [163] D. M. Appleby. Symmetric informationally complete-positive operator valued measures and the extended Clifford group. *Journal of Mathematical Physics*, 46(5):052107, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052107_s1.

Gray:2005:MAM

- [164] John E. Gray and Andrew Vogt. Mathematical analysis of the Mandelstam–Tamm time-energy uncertainty principle. *Journal of Mathematical Physics*, 46(5):052108, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052108_s1.

Ruuge:2005:SKS

- [165] Artur E. Ruuge and Freddy van Oystaeyen. Saturated Kochen–Specker-type configuration of 120 projective lines in eight-dimensional space and its group of symmetry. *Journal of Mathematical Physics*, 46(5):052109, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052109_s1.

Blasiak:2005:SUC

- [166] P. Blasiak, K. A. Penson, A. I. Solomon, A. Horzela, and G. H. E. Duchamp. Some useful combinatorial formulas for bosonic operators. *Journal of Mathematical Physics*, 46(5):052110, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052110_s1.

Liu:2005:VSA

- [167] Zuhan Liu. Vortices set and the applied magnetic field for superconductivity in dimension three. *Journal of Mathematical Physics*, 46(5):052111, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052111_s1.

Shirai:2005:SEF

- [168] Shin ichi Shirai. Strong-electric-field eigenvalue asymptotics for the Iwatsuka model. *Journal of Mathematical Physics*, 46(5):052112, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052112_s1.

Bostelmann:2005:PSP

- [169] Henning Bostelmann. Phase space properties and the short distance structure in quantum field theory. *Journal of Mathematical Physics*, 46(5):052301, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052301_s1.

Bender:2005:WPL

- [170] Carl M. Bender, Peter N. Meisinger, and Qinghai Wang. Wilson polynomials and the Lorentz transformation properties of the parity operator. *Journal of Mathematical Physics*, 46(5):052302, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052302_s1.

Huh:2005:CPG

- [171] Hyungjin Huh. Cauchy problems of the gauged sigma model. *Journal of Mathematical Physics*, 46(5):052303, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052303_s1.

Adam:2005:SDP

- [172] C. Adam and J. Sánchez-Guillén. The symmetries of the Dirac–Pauli equation in two and three dimensions. *Journal of Mathematical Physics*, 46(5):052304, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052304_s1.

Chen:2005:KPA

- [173] Heng-Yu Chen and N. S. Manton. The Kähler potential of Abelian Higgs vortices. *Journal of Mathematical Physics*, 46(5):052305, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052305_s1.

Arai:2005:SPD

- [174] Asao Arai, Kunimitsu Hayashi, and Itaru Sasaki. Spectral properties of a Dirac operator in the chiral quark soliton model. *Journal of Mathematical Physics*, 46(5):052306, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052306_s1.

Sorensen:2005:LBP

- [175] Thomas Østergaard Sørensen. The large- Z behavior of pseudorelativistic atoms. *Journal of Mathematical Physics*, 46(5):052307, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052307_s1.

Sharples:2005:LEQ

- [176] Jason Sharples. Local existence of quasispherical space–time initial data. *Journal of Mathematical Physics*, 46(5):052501, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052501_s1.

Wu:2005:TNL

- [177] Yabo Wu, Peng Dong, Xuemei Deng, and Guoming Zhao. The two NUT-like solutions of Ernst equation. *Journal of Mathematical Physics*, 46(5):052502, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052502_s1.

Becerril:2005:CDK

- [178] Ricardo Becerril and Alfredo Herrera-Aguilar. Charging a double Kerr solution in five-dimensional Einstein–Maxwell–Kalb–Ramond theory. *Journal of Mathematical Physics*, 46(5):052503, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052503_s1.

Hamanaka:2005:CFC

- [179] Masashi Hamanaka. Commuting flows and conservation laws for non-commutative Lax hierarchies. *Journal of Mathematical Physics*, 46(5):052701, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052701_s1.

Carinena:2005:CPS

- [180] José F. Cariñena, Manuel F. Rañada, and Mariano Santander. Central potentials on spaces of constant curvature: The Kepler problem on the two-dimensional sphere S^2 and the hyperbolic plane H^2 . *Journal of Mathematical Physics*, 46(5):052702, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052702_s1. See comment [440] and response [441].

Rey:2005:GFS

- [181] Angel M. Rey, Narciso Román-Roy, and Modesto Salgado. Günther's formalism (k -symplectic formalism) in classical field theory: Skinner–Rusk approach and the evolution operator. *Journal of Mathematical Physics*, 46(5):052901, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052901_s1.

Pucacco:2005:CIH

- [182] Giuseppe Pucacco and Kjell Rosquist. Configurational invariants of Hamiltonian systems. *Journal of Mathematical Physics*, 46(5):052902, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052902_s1.

Brajercik:2005:VPL

- [183] J. Brajercík and D. Krupka. Variational principles for locally variational forms. *Journal of Mathematical Physics*, 46(5):052903, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p052903_s1.

Lahno:2005:GCN

- [184] V. Lahno and R. Zhdanov. Group classification of nonlinear wave equations. *Journal of Mathematical Physics*, 46(5):053301, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053301_s1.

Thebaldi:2005:CED

- [185] Rafael S. Thebaldi, Emmanuel Pereira, and Aldo Procacci. A cluster expansion for the decay of correlations of light-mass quantum crystals and some stochastic models under intense noise. *Journal of Mathematical Physics*, 46(5):053302, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053302_s1.

Asch:2005:PWA

- [186] J. Asch, I. Hradecký, and P. Stovicek. Propagators weakly associated to a family of Hamiltonians and the adiabatic theorem for the Landau Hamiltonian with a time-dependent Aharonov–Bohm flux. *Journal of Mathematical Physics*, 46(5):053303, May 2005. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053303_s1.

Meson:2005:APP

- [187] Alejandro Mesón and Fernando Vericat. An approach to the problem of phase transitions in the continuum. *Journal of Mathematical Physics*, 46(5):053304, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053304_s1.

Cassandro:2005:GCP

- [188] Marzio Cassandro, Pablo Augusto Ferrari, Immacolata Merola, and Errico Presutti. Geometry of contours and Peierls estimates in $d = 1$ Ising models with long range interactions. *Journal of Mathematical Physics*, 46(5):053305, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053305_s1.

Alimohammadi:2005:MES

- [189] M. Alimohammadi and Y. Naimi. Multispecies extension of the solvable partially asymmetric reaction-diffusion processes. *Journal of Mathematical Physics*, 46(5):053306, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053306_s1.

Duan:2005:GEB

- [190] Renjun Duan, Tong Yang, and Changjiang Zhu. Global existence to Boltzmann equation with external force in infinite vacuum. *Journal of Mathematical Physics*, 46(5):053307, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053307_s1.

Frappat:2005:HKM

- [191] L. Frappat and A. Sciarrino. Hyperbolic Kac–Moody superalgebras. *Journal of Mathematical Physics*, 46(5):053501, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053501_s1.

Kubieniec:2005:UIR

- [192] J. Kubieniec. On unitary, irreducible representations of the proper, orthochronous Lorentz group. *Journal of Mathematical Physics*, 46(5):

053502, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053502_s1.

Cingolani:2005:SSN

- [193] Silvia Cingolani and Simone Secchi. Semiclassical states for NLS equations with magnetic potentials having polynomial growths. *Journal of Mathematical Physics*, 46(5):053503, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053503_s1.

Doikou:2005:RAT

- [194] Anastasia Doikou. On reflection algebras and twisted Yangians. *Journal of Mathematical Physics*, 46(5):053504, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053504_s1.

Linnaeus:2005:SCS

- [195] Staffan Linnæus. Stokes constants for a singular wave equation. *Journal of Mathematical Physics*, 46(5):053505, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053505_s1.

Bagarello:2005:RBM

- [196] F. Bagarello. Relations between multiresolution analysis and quantum mechanics. *Journal of Mathematical Physics*, 46(5):053506, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053506_s1.

Cordero:2005:ASG

- [197] Patricio Cordero and Jamil Daboul. Analysis of the spectrum generating algebra method for obtaining energy spectra. *Journal of Mathematical Physics*, 46(5):053507, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053507_s1.

Boulanger:2005:WCT

- [198] Nicolas Boulanger. A Weyl-covariant tensor calculus. *Journal of Mathematical Physics*, 46(5):053508, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053508_s1.

Kalnins:2005:SOSa

- [199] E. G. Kalnins, J. M. Kress, and W. Miller. Second-order superintegrable systems in conformally flat spaces. I. Two-dimensional classical structure theory. *Journal of Mathematical Physics*, 46(5):053509, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053509_s1.

Kalnins:2005:SOSb

- [200] E. G. Kalnins, J. M. Kress, and W. Miller. Second order superintegrable systems in conformally flat spaces. II. The classical two-dimensional Stäckel transform. *Journal of Mathematical Physics*, 46(5):053510, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053510_s1.

Becker:2005:ESH

- [201] Peter A. Becker. Exact solution for the hypergeometric Green's function describing spectral formation in X-ray pulsars. *Journal of Mathematical Physics*, 46(5):053511, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053511_s1.

Biswas:2005:HTG

- [202] Indranil Biswas and A. K. Raina. Hecke transformation and the generalized theta function. *Journal of Mathematical Physics*, 46(5):053512, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053512_s1.

DelCastillo:2005:PFS

- [203] Pierre Del Castillo. The Parr formula for the superheating field in a semi-infinite film. *Journal of Mathematical Physics*, 46(5):053513, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053513_s1. See publisher's note [302].

Patera:2005:DCCa

- [204] J. Patera and A. Zaratsyan. Discrete and continuous cosine transform generalized to Lie groups $SU(2) \times SU(2)$ and $O(5)$. *Journal of Mathematical Physics*, 46(5):053514, May 2005. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053514_s1.

Khan:2005:CSR

- [205] Abu M. Khan and Pierre Ramond. Continuous spin representations from group contraction. *Journal of Mathematical Physics*, 46(5):053515, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053515_s1. See publisher's note [301].

Duval:2005:QIQ

- [206] C. Duval and G. Valent. Quantum integrability of quadratic Killing tensors. *Journal of Mathematical Physics*, 46(5):053516, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053516_s1.

Bashkirov:2005:NST

- [207] D. Bashkirov, G. Giachetta, L. Mangiarotti, and G. Sardanashvily. Noether's second theorem for BRST symmetries. *Journal of Mathematical Physics*, 46(5):053517, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053517_s1.

Ali:2005:SPA

- [208] S. Twareque Ali and F. Bagarello. Some physical appearances of vector coherent states and coherent states related to degenerate Hamiltonians. *Journal of Mathematical Physics*, 46(5):053518, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053518_s1.

Blohmann:2005:RUD

- [209] Christian Blohmann. Reconstruction of universal Drinfeld twists from representations. *Journal of Mathematical Physics*, 46(5):053519, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053519_s1.

Cuccagna:2005:BEE

- [210] Scipio Cuccagna and Dmitry Pelinovsky. Bifurcations from the endpoints of the essential spectrum in the linearized nonlinear Schrödinger problem. *Journal of Mathematical Physics*, 46(5):053520, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p053520_s1.

Hall:2005:ECS

- [211] Brian C. Hall and Jeffrey J. Mitchell. Erratum: “Coherent states on spheres”, [J. Math. Phys. **43**, 1211 (2002)]. *Journal of Mathematical Physics*, 46(5):059901, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p059901_s1. See [1, 2208].

Giovannetti:2005:PNC

- [212] Vittorio Giovannetti, Seth Lloyd, and Mary Beth Ruskai. Publisher’s note: “Conditions for multiplicativity of maximal l_p -norms of channels for fixed integer p ”, [J. Math. Phys. **46**, 042105 (2005)]. *Journal of Mathematical Physics*, 46(5):059902, May 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i5/p059902_s1. See [109].

Meolans:2005:SKP

- [213] J. Gilbert Méolans and S. Kokou Dadzie. Scattering kernel for polyatomic molecules. *Journal of Mathematical Physics*, 46(6):062101, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062101_s1.

Gheondea:2005:IQE

- [214] Aurelian Gheondea, Stanley Gudder, and Peter Jonas. On the infimum of quantum effects. *Journal of Mathematical Physics*, 46(6):062102, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062102_s1.

Nathanson:2005:DBO

- [215] Michael Nathanson. Distinguishing bipartite orthogonal states using LOCC: Best and worst cases. *Journal of Mathematical Physics*, 46(6):062103, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062103_s1.

Bullock:2005:TRQ

- [216] Stephen S. Bullock, Gavin K. Brennen, and Dianne P. O’Leary. Time reversal and n -qubit canonical decompositions. *Journal of Mathematical Physics*, 46(6):062104, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062104_s1.

Exner:2005:IPL

- [217] Pavel Exner. An isoperimetric problem for leaky loops and related mean-chord inequalities. *Journal of Mathematical Physics*, 46(6):062105, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062105_s1.

Belavkin:2005:ODF

- [218] Viacheslav P. Belavkin, Giacomo Mauro D'Ariano, and Maxim Raginsky. Operational distance and fidelity for quantum channels. *Journal of Mathematical Physics*, 46(6):062106, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062106_s1.

Ayers:2005:GDF

- [219] Paul W. Ayers. Generalized density functional theories using the k -electron densities: Development of kinetic energy functionals. *Journal of Mathematical Physics*, 46(6):062107, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062107_s1.

Plante:2005:ASS

- [220] Guillaume Plante and Adel F. Antippa. Analytic solution of the Schrödinger equation for the Coulomb-plus-linear potential. I. The wave functions. *Journal of Mathematical Physics*, 46(6):062108, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062108_s1.

Znojil:2005:SSM

- [221] Miloslav Znojil. Solvable PT -symmetric model with a tunable interspersion of nonmerging levels. *Journal of Mathematical Physics*, 46(6):062109, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062109_s1.

Agop:2005:SMS

- [222] M. Agop, P. D. Ioannou, and P. Nica. Superconductivity by means of the subquantum medium coherence. *Journal of Mathematical Physics*, 46(6):062110, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062110_s1.

Khrennikov:2005:RCS

- [223] Andrei Khrennikov. Representation of the contextual statistical model by hyperbolic amplitudes. *Journal of Mathematical Physics*, 46(6):062111, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062111_s1.

Pironio:2005:LBI

- [224] Stefano Pironio. Lifting Bell inequalities. *Journal of Mathematical Physics*, 46(6):062112, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062112_s1.

Ghoshal:2005:NSF

- [225] Debashis Ghoshal, Dileep P. Jatkar, and Maximilian Kreuzer. Neveu–Schwarz fivebrane and tachyon condensation. *Journal of Mathematical Physics*, 46(6):062301, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062301_s1.

Braga:2005:NOB

- [226] Nelson R. F. Braga, Hector L. Carrion, and Cresus F. L. Godinho. Normal ordering and boundary conditions in open bosonic strings. *Journal of Mathematical Physics*, 46(6):062302, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062302_s1.

Moretti:2005:BEC

- [227] Valter Moretti and Nicola Pinamonti. Bose–Einstein condensate and spontaneous breaking of conformal symmetry on Killing horizons. *Journal of Mathematical Physics*, 46(6):062303, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062303_s1.

Lange:2005:EGA

- [228] Alexander Lange. The Epstein–Glaser approach to perturbative quantum field theory: graphs and Hopf algebras. *Journal of Mathematical Physics*, 46(6):062304, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062304_s1.

Brenier:2005:DPS

- [229] Yann Brenier and Wen-An Yong. Derivation of particle, string, and membrane motions from the Born–Infeld electromagnetism. *Journal of Mathematical Physics*, 46(6):062305, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062305_s1.

G:2005:ARF

- [230] J. Fernando Barbero G., Guillermo A. Mena Marugán, and Eduardo J. S. Villaseñor. Asymptotics of regulated field commutators for Einstein–Rosen waves. *Journal of Mathematical Physics*, 46(6):062306, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062306_s1.

Shklyarov:2005:CDO

- [231] Dmitry Shklyarov and Genkai Zhang. Covariant q -differential operators and unitary highest weight representations for $U_q f\Gamma_{(\lambda, \nu)}$. *Journal of Mathematical Physics*, 46(6):062307, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062307_s1.

Krisch:2005:ETV

- [232] J. P. Krisch and E. N. Glass. Energy transport in the Vaidya system. *Journal of Mathematical Physics*, 46(6):062501, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062501_s1.

Ash:2005:RPO

- [233] Avner Ash and Patrick McDonald. Random partial orders, posts, and the causal set approach to discrete quantum gravity. *Journal of Mathematical Physics*, 46(6):062502, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062502_s1.

Oliveira-Neto:2005:WSS

- [234] G. Oliveira-Neto and F. I. Takakura. Wyman’s solution, self-similarity, and critical behavior. *Journal of Mathematical Physics*, 46(6):062503, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062503_s1.

Liko:2005:ESF

- [235] Tomás Liko and Paul S. Wesson. An exact solution of the five-dimensional Einstein equations with four-dimensional de Sitter-like expansion. *Journal of Mathematical Physics*, 46(6):062504, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062504_s1.

Alba:2005:MEC

- [236] David Alba, Luca Lusanna, and Massimo Pauri. Multipolar expansions for closed and open systems of relativistic particles. *Journal of Mathematical Physics*, 46(6):062505, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062505_s1.

Deryabin:2005:AH1

- [237] Mikhail V. Deryabin. On asymptotic Hopf invariant for Hamiltonian systems. *Journal of Mathematical Physics*, 46(6):062701, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062701_s1.

Benatti:2005:CLD

- [238] Fabio Benatti and Valerio Cappellini. Continuous limit of discrete sawtooth maps and its algebraic framework. *Journal of Mathematical Physics*, 46(6):062702, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062702_s1.

Carinena:2005:LFN

- [239] José F. Cariñena, Manuel F. Rañada, and Mariano Santander. Lagrangian formalism for nonlinear second-order Riccati systems: One-dimensional integrability and two-dimensional superintegrability. *Journal of Mathematical Physics*, 46(6):062703, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062703_s1.

Gentile:2005:SDS

- [240] Guido Gentile, Michele V. Bartuccelli, and Jonathan H. B. Deane. Summation of divergent series and Borel summability for strongly dissipative differential equations with periodic or quasiperiodic forcing terms. *Journal of Mathematical Physics*, 46(6):062704, June 2005. CODEN JMAPAQ.

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062704_s1.

Ujino:2005:SID

- [241] Hideaki Ujino, Luc Vinet, and Haruo Yoshida. A super-integrable discretization of the Calogero model. *Journal of Mathematical Physics*, 46(6):062705, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062705_s1.

Dai:2005:PHS

- [242] Bo Dai and Chuu-Lian Terng. Periodic and homoclinic solutions of the modified $2 + 1$ chiral model. *Journal of Mathematical Physics*, 46(6):062706, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062706_s1.

Maciejewski:2005:DPI

- [243] Andrzej J. Maciejewski and Maria Przybylska. Darboux points and integrability of Hamiltonian systems with homogeneous polynomial potential. *Journal of Mathematical Physics*, 46(6):062901, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062901_s1.

Guo:2005:NVV

- [244] Yong-Xin Guo, Yong Wang, G. Y. Chee, and Feng-Xiang Mei. Non-holonomic versus vakonomic dynamics on a Riemann–Cartan manifold. *Journal of Mathematical Physics*, 46(6):062902, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p062902_s1.

Costeniuc:2005:CAP

- [245] Marius Costeniuc, Richard S. Ellis, and Hugo Touchette. Complete analysis of phase transitions and ensemble equivalence for the Curie–Weiss–Potts model. *Journal of Mathematical Physics*, 46(6):063301, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063301_s1.

Kozyrev:2005:NUD

- [246] S. V. Kozyrev, V. Al. Osipov, and V. A. Avetisov. Nondegenerate ultrametric diffusion. *Journal of Mathematical Physics*, 46(6):063302, June

2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063302_s1.

Cornille:2005:PMD

- [247] Henri Cornille. Planar (x, z) mixtures discrete Boltzmann equations with species either in odd or even $|x| + |z|$ values. *Journal of Mathematical Physics*, 46(6):063303, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063303_s1.

Zhang:2005:ECC

- [248] Fuxi Zhang. Exponential convergence of coupled diffusion processes. *Journal of Mathematical Physics*, 46(6):063304, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063304_s1.

Field:2005:OSC

- [249] Timothy R. Field. Observability of the scattering cross-section through phase decoherence. *Journal of Mathematical Physics*, 46(6):063305, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063305_s1.

Pelavas:2005:VST

- [250] N. Pelavas, A. Coley, R. Milson, V. Pravda, and A. Pravdová. VSI_i space-times and the ϵ -property. *Journal of Mathematical Physics*, 46(6):063501, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063501_s1.

Gao:2005:MCS

- [251] Jining Gao. The Maurer–Cartan structure of BRST differentials. *Journal of Mathematical Physics*, 46(6):063502, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063502_s1.

Pecina-Cruz:2005:CGA

- [252] J. N. Pecina-Cruz. On the Casimir of the group $ISL(n, R)$ and its algebraic decomposition. *Journal of Mathematical Physics*, 46(6):063503, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063503_s1.

Gunther:2005:MDS

- [253] Uwe Günther, Frank Stefani, and Miloslav Znojil. MHD α^2 -dynamo, Squire equation and PT -symmetric interpolation between square well and harmonic oscillator. *Journal of Mathematical Physics*, 46(6):063504, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063504_s1.

deFaria:2005:FIN

- [254] Margarida de Faria, Maria João Oliveira, and Ludwig Streit. Feynman integrals for nonsmooth and rapidly growing potentials. *Journal of Mathematical Physics*, 46(6):063505, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063505_s1.

Loginov:2005:MIS

- [255] E. K. Loginov. Multi-instantons in seven dimensions. *Journal of Mathematical Physics*, 46(6):063506, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063506_s1.

Ochiai:2005:IMP

- [256] Tomoshiro Ochiai and Jose C. Nacher. Inversible Max-Plus algebras and integrable systems. *Journal of Mathematical Physics*, 46(6):063507, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063507_s1.

Chakrabarti:2005:NSP

- [257] A. Chakrabarti. A nested sequence of projectors and corresponding braid matrices $\hat{\mathbf{R}}(\theta)$. 1. Odd dimensions. *Journal of Mathematical Physics*, 46(6):063508, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063508_s1.

Chakrabarti:2005:ANC

- [258] A. Chakrabarti. Aspects of a new class of braid matrices: Roots of unity and hyperelliptic q for triangularity, L -algebra, link-invariants, noncommutative spaces. *Journal of Mathematical Physics*, 46(6):063509, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063509_s1.

Transtrum:2005:CRF

- [259] Mark K. Transtrum and Jean-François S. Van Huele. Commutation relations for functions of operators. *Journal of Mathematical Physics*, 46(6):063510, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063510_s1.

Derezinski:2005:SVH

- [260] Jan Dereziński and Rafal Früboes. Stationary van Hove limit. *Journal of Mathematical Physics*, 46(6):063511, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063511_s1.

Keraani:2005:WMD

- [261] Sahbi Keraani. Wigner measures dynamics in a Coulomb potential. *Journal of Mathematical Physics*, 46(6):063512, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063512_s1.

Odake:2005:EPS

- [262] Satoru Odake and Ryu Sasaki. Equilibrium positions, shape invariance and Askey–Wilson polynomials. *Journal of Mathematical Physics*, 46(6):063513, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p063513_s1.

Saenz:2005:EQM

- [263] A. W. Sáenz. Erratum: “Quantum-mechanical scattering in exterior domains with impenetrable boundaries and short-range potentials”, [J. Math. Phys. **45**, 1426 (2004)]. *Journal of Mathematical Physics*, 46(6):069901, June 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i6/p069901_s1. See [5].

Billionnet:2005:HST

- [264] Claude Billionnet. Hybrid states of two and three level atoms. *Journal of Mathematical Physics*, 46(7):072101, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072101_s1.

Viennot:2005:PBS

- [265] David Viennot. Principal bundle structure of quantum adiabatic dynamics with a Berry phase which does not commute with the dynamical

cal phase. *Journal of Mathematical Physics*, 46(7):072102, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072102_s1.

Jurciukonis:2005:CQS

- [266] D. Jurciukonis, E. Norvaisas, and D. O. Riska. Canonical quantization of SU(3) Skyrme model in a general representation. *Journal of Mathematical Physics*, 46(7):072103, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072103_s1.

March:2005:CNP

- [267] N. H. March, I. A. Howard, I. Nagy, and P. M. Echenique. Changes in nonlinear potential scattering theory in electron gases brought about by reducing dimensionality. *Journal of Mathematical Physics*, 46(7):072104, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072104_s1.

deOliveira:2005:SLP

- [268] César R. de Oliveira and Roberto A. Prado. Spectral and localization properties for the one-dimensional Bernoulli discrete Dirac operator. *Journal of Mathematical Physics*, 46(7):072105, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072105_s1.

Liu:2005:CDC

- [269] X.-M. Liu, C. Quesne, and F. Song. k -component q -deformed charge coherent states and their nonclassical properties. *Journal of Mathematical Physics*, 46(7):072106, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072106_s1.

Dias:2005:SGP

- [270] Nuno Costa Dias and João Nuno Prata. Stargenfunctions, generally parametrized systems and a causal formulation of phase space quantum mechanics. *Journal of Mathematical Physics*, 46(7):072107, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072107_s1.

Pogosyan:2005:QPS

- [271] George S. Pogosyan, Luis Edgar Vicent, and Kurt Bernardo Wolf. Quantum phase space for the one-dimensional hydrogen atom on the hyperbola. *Journal of Mathematical Physics*, 46(7):072108, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072108_s1.

Batalin:2005:NAC

- [272] I. Batalin, M. Grigoriev, and S. Lyakhovich. Non-Abelian conversion and quantization of nonscalar second-class constraints. *Journal of Mathematical Physics*, 46(7):072301, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072301_s1.

Gitman:2005:LSL

- [273] D. M. Gitman, P. Yu. Moshin, and A. A. Reshetnyak. Local superfield Lagrangian BRST quantization. *Journal of Mathematical Physics*, 46(7):072302, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072302_s1.

Jureit:2005:CIAb

- [274] Jan-Hendrik Jureit, Chtistoph Stephan, and Thomas Schücker. On a classification of irreducible almost commutative geometries. III. *Journal of Mathematical Physics*, 46(7):072303, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072303_s1.

Aleynikov:2005:SWE

- [275] Dmitriy V. Aleynikov. Seiberg–Witten equations in R^4 : Lie symmetries, particular solutions, integrability. *Journal of Mathematical Physics*, 46(7):072304, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072304_s1.

Byun:2005:GCK

- [276] Jungyoon Byun. A generalization of Connes–Kreimer Hopf algebra. *Journal of Mathematical Physics*, 46(7):072305, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072305_s1.

Wei:2005:BCF

- [277] Yi Wei and Tilo Wettig. Bosonic color-flavor transformation for the special unitary group. *Journal of Mathematical Physics*, 46(7):072306, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072306_s1.

Andrianopoli:2005:IMS

- [278] L. Andrianopoli, S. Ferrara, M. A. Lledó, and O. Maciá. Integration of massive states as contractions of nonlinear σ models. *Journal of Mathematical Physics*, 46(7):072307, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072307_s1.

Mendels:2005:NTE

- [279] E. Mendels. Near threshold expansion of Feynman diagrams. *Journal of Mathematical Physics*, 46(7):072308, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072308_s1.

Bruna:2005:LHS

- [280] Lluís Bruna and Joan Girbau. Laplacian in the hyperbolic space H_n and linearization stability of the Einstein equation for Robertson–Walker models. *Journal of Mathematical Physics*, 46(7):072501, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072501_s1.

Zegers:2005:BTL

- [281] Robin Zegers. Birkhoff’s theorem in Lovelock gravity. *Journal of Mathematical Physics*, 46(7):072502, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072502_s1.

Diacu:2005:KPA

- [282] Florin Diacu, Ernesto Pérez-Chavela, and Manuele Santoprete. The Kepler problem with anisotropic perturbations. *Journal of Mathematical Physics*, 46(7):072701, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072701_s1.

Dobrovolschi:2005:BIA

- [283] Dan Dobrovolschi and Jaume Llibre. Boundedness, invariant algebraic surfaces and global dynamics for a spectral model of large-scale atmospheric circulation. *Journal of Mathematical Physics*, 46(7):072702, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072702_s1.

Llibre:2005:IBI

- [284] Jaume Llibre and Clàudia Valls. Integrability of the Bianchi IX system. *Journal of Mathematical Physics*, 46(7):072901, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p072901_s1.

Du:2005:MSH

- [285] Y. Du and X. B. Pan. Multiple states and hysteresis for type I superconductors. *Journal of Mathematical Physics*, 46(7):073301, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073301_s1.

Malyshev:2005:DCI

- [286] V. A. Malyshev. Dynamical clusters of infinite particle dynamics. *Journal of Mathematical Physics*, 46(7):073302, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073302_s1.

Melnichuk:2005:CDW

- [287] O. P. Melnichuk and I. Yu. Popov. Coupled dielectric waveguides: variational estimations. *Journal of Mathematical Physics*, 46(7):073501, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073501_s1.

Yang:2005:WHA

- [288] Shilin Yang. Weak Hopf algebras corresponding to Cartan matrices. *Journal of Mathematical Physics*, 46(7):073502, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073502_s1.

Cronstrom:2005:USG

- [289] Christofer Cronström. On the uniqueness of solutions to gauge covariant Poisson equations with compact Lie algebras. *Journal of Mathematical*

Physics, 46(7):073503, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073503_s1.

Karabulut:2005:WFM

- [290] Hasan Karabulut. A Wannier function made from distributed Gaussians. *Journal of Mathematical Physics*, 46(7):073504, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073504_s1.

Garcia-Rio:2005:FDI

- [291] Eduardo García-Río, Zoran Rakić, and M. E. Vázquez-Abal. Four-dimensional indefinite Kähler Osserman manifolds. *Journal of Mathematical Physics*, 46(7):073505, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073505_s1.

Popov:2005:EPM

- [292] Alexander D. Popov. On explicit point multimonopoles in SU(2) gauge theory. *Journal of Mathematical Physics*, 46(7):073506, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073506_s1.

Reyes:2005:NSK

- [293] Enrique G. Reyes. Nonlocal symmetries and the Kaup–Kupershmidt equation. *Journal of Mathematical Physics*, 46(7):073507, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073507_s1.

Nunez:2005:SRE

- [294] J. Fernández Núñez, W. García Fuertes, and A. M. Perelomov. Some results on the eigenfunctions of the quantum trigonometric Calogero–Sutherland model related to the Lie algebra E_6 . *Journal of Mathematical Physics*, 46(7):073508, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073508_s1.

Kawamura:2005:ERC

- [295] Katsunori Kawamura. Extensions of representations of the CAR algebra to the Cuntz algebra O_2 — the Fock and the infinite wedge. *Journal of Mathematical Physics*, 46(7):073509, July 2005. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073509_s1.

Guo:2005:BPQ

- [296] Boling Guo, Jianqing Chen, and Fengqiu Su. The “Blow up” problem for a quasilinear Schrödinger equation. *Journal of Mathematical Physics*, 46(7):073510, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073510_s1.

Yue:2005:LCR

- [297] Jin Yue. The 1856 lemma of Cayley revisited. I. Infinitesimal generators. *Journal of Mathematical Physics*, 46(7):073511, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073511_s1.

vonKeviczky:2005:GFS

- [298] Attila B. von Keviczky, Nasser Saad, and Richard L. Hall. Green’s function for a Schrödinger operator and some related summation formulas. *Journal of Mathematical Physics*, 46(7):073512, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073512_s1.

Bluman:2005:CSC

- [299] G. W. Bluman and Temuerchaolu. Comparing symmetries and conservation laws of nonlinear telegraph equations. *Journal of Mathematical Physics*, 46(7):073513, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073513_s1.

Guo:2005:ESW

- [300] Boling Guo and Daiwen Huang. Existence of solitary waves for a simplified two fluid system of equations in plasma. *Journal of Mathematical Physics*, 46(7):073514, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p073514_s1.

Khan:2005:PNC

- [301] Abu M. Khan and Pierre Ramond. Publisher’s note: “Continuous spin representations from group contraction”, [J. Math. Phys. **46**, 053515 (2005)]. *Journal of Mathematical Physics*, 46(7):079901, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p079901_s1. See [205].

DelCastillo:2005:PNP

- [302] Pierre Del Castillo. Publisher's note: "The Parr formula for the superheating field in a semi-infinite film", [J. Math. Phys. **46**, 053513 (2005)]. *Journal of Mathematical Physics*, 46(7):079902, July 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i7/p079902_s1. See [203].

Brody:2005:FTS

- [303] Dorje C. Brody and Lane P. Hughston. Finite-time stochastic reduction models. *Journal of Mathematical Physics*, 46(8):082101, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082101_s1.

Li:2005:NCN

- [304] Dafa Li, Xiangrong Li, Hongtao Huang, and Xinxin Li. No-cloning of nonorthogonal states does not require inner product preserving. *Journal of Mathematical Physics*, 46(8):082102, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082102_s1.

Ritter:2005:QCR

- [305] William Gordon Ritter. Quantum channels and representation theory. *Journal of Mathematical Physics*, 46(8):082103, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082103_s1.

Klappenecker:2005:ASI

- [306] Andreas Klappenecker, Martin Rötteler, Igor E. Shparlinski, and Arne Winterhof. On approximately symmetric informationally complete positive operator-valued measures and related systems of quantum states. *Journal of Mathematical Physics*, 46(8):082104, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082104_s1.

Vollinger:2005:GSE

- [307] Stephan Völlinger. Geometry of the Schrödinger equation and stochastic mass transportation. *Journal of Mathematical Physics*, 46(8):082105,

August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082105_s1.

Khare:2005:PIP

- [308] Avinash Khare and Uday Sukhatme. PT-invariant periodic potentials with a finite number of band gaps. *Journal of Mathematical Physics*, 46(8):082106, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082106_s1.

Synak-Radtke:2005:BLI

- [309] Barbara Synak-Radtke, Karol Horodecki, and Michal Horodecki. Bounds on localizable information via semidefinite programming. *Journal of Mathematical Physics*, 46(8):082107, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082107_s1.

Earp:2005:CAC

- [310] Henrique N. Sá Earp and Jiannis K. Pachos. A constructive algorithm for the Cartan decomposition of $SU(2^N)$. *Journal of Mathematical Physics*, 46(8):082108, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082108_s1.

Buscemi:2005:CPO

- [311] Francesco Buscemi, Michael Keyl, Giacomo Mauro D'Ariano, Paolo Perinotti, and Reinhard F. Werner. Clean positive operator valued measures. *Journal of Mathematical Physics*, 46(8):082109, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082109_s1.

Shin:2005:PGR

- [312] Kwang C. Shin. The potential $(iz)^m$ generates real eigenvalues only, under symmetric rapid decay boundary conditions. *Journal of Mathematical Physics*, 46(8):082110, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082110_s1.

Teh:2005:MAV

- [313] Rosy Teh and Khai-Ming Wong. Monopole-antimonopole and vortex rings. *Journal of Mathematical Physics*, 46(8):082301, August 2005.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082301_s1.

Forbes:2005:EPF

- [314] Brian Forbes and Masao Jinzenji. Extending the Picard–Fuchs system of local mirror symmetry. *Journal of Mathematical Physics*, 46(8):082302, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082302_s1.

Baumgaertel:2005:SPC

- [315] Hellmut Baumgaertel and Hendrik Grundling. Superselection in the presence of constraints. *Journal of Mathematical Physics*, 46(8):082303, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082303_s1.

Bostelmann:2005:OPE

- [316] Henning Bostelmann. Operator product expansions as a consequence of phase space properties. *Journal of Mathematical Physics*, 46(8):082304, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082304_s1.

Walcher:2005:SLG

- [317] Johannes Walcher. Stability of Landau–Ginzburg branes. *Journal of Mathematical Physics*, 46(8):082305, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082305_s1.

Costa:2005:HCQ

- [318] João Costa and José Natário. Homogeneous cosmologies from the quasi-Maxwell formalism. *Journal of Mathematical Physics*, 46(8):082501, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082501_s1.

Miritzis:2005:RPC

- [319] John Miritzis. The recollapse problem of closed Friedmann–Robertson–Walker models in higher-order gravity theories. *Journal of Mathematical Physics*, 46(8):082502, August 2005. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082502_s1.

Laine-Pearson:2005:IMW

- [320] F. E. Laine-Pearson. Instabilities of multiphase wave trains in coupled nonlinear Schrödinger equations: A bisymplectic framework. *Journal of Mathematical Physics*, 46(8):082701, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082701_s1.

Das:2005:SNG

- [321] Ashok Das and Z. Popowicz. Supersymmetric nonlocal gas equation. *Journal of Mathematical Physics*, 46(8):082702, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p082702_s1.

Nunez:2005:ETT

- [322] Manuel Núñez. Existence theorems for two-fluid magnetohydrodynamics. *Journal of Mathematical Physics*, 46(8):083101, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083101_s1.

Nishiyama:2005:RMC

- [323] Takahiro Nishiyama. A relaxation method for constructing a Beltrami flow in a bounded domain. *Journal of Mathematical Physics*, 46(8):083102, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083102_s1.

Pule:2005:NBC

- [324] Joseph V. Pulé, André F. Verbeure, and Valentin A. Zagrebnov. On nonhomogeneous Bose condensation. *Journal of Mathematical Physics*, 46(8):083301, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083301_s1.

Bellettini:2005:ELN

- [325] G. Bellettini, A. De Masi, and E. Presutti. Energy levels of a nonlocal functional. *Journal of Mathematical Physics*, 46(8):083302, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083302_s1.

Chenaghlou:2005:DSG

- [326] A. Chenaghlou and H. Fakhri. Dynamical symmetry group and quantum splittings for a free particle on the group manifold AdS 3. *Journal of Mathematical Physics*, 46(8):083501, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083501_s1.

Baggett:2005:CPW

- [327] L. W. Baggett, P. E. T. Jorgensen, K. D. Merrill, and J. A. Packer. Construction of Parseval wavelets from redundant filter systems. *Journal of Mathematical Physics*, 46(8):083502, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083502_s1.

Franco:2005:NDC

- [328] Daniel H. T. Franco and Caio M. M. Polito. A new derivation of the CPT and spin-statistics theorems in noncommutative field theories. *Journal of Mathematical Physics*, 46(8):083503, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083503_s1.

Bu:2005:NSE

- [329] Charles Bu, Kimitoshi Tsutaya, and Chenying Zhang. Nonlinear Schrödinger Equation with Inhomogeneous Dirichlet Boundary Data. *Journal of Mathematical Physics*, 46(8):083504, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083504_s1.

Kamvissis:2005:ERE

- [330] Spyridon Kamvissis and Evguenii A. Rakhmanov. Existence and regularity for an energy maximization problem in two dimensions. *Journal of Mathematical Physics*, 46(8):083505, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083505_s1. See comment [2095].

Lenzi:2005:NFD

- [331] E. K. Lenzi, R. S. Mendes, Kwok Sau Fa, L. S. Moraes, L. R. da Silva, and L. S. Lucena. Nonlinear fractional diffusion equation: Exact results. *Journal of Mathematical Physics*, 46(8):083506, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083506_s1.

Melgaard:2005:TPM

- [332] Michael Melgaard. Threshold properties of matrix-valued Schrödinger operators. *Journal of Mathematical Physics*, 46(8):083507, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083507_s1.

Grundland:2005:DSA

- [333] A. M. Grundland and L. Snobl. Description of surfaces associated with Grassmannian sigma models on Minkowski space. *Journal of Mathematical Physics*, 46(8):083508, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083508_s1.

McPhedran:2005:NSL

- [334] R. C. McPhedran, N. A. Nicorovici, and L. C. Botten. Neumann series and lattice sums. *Journal of Mathematical Physics*, 46(8):083509, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083509_s1.

Maj:2005:RBW

- [335] Omar Maj. The relationship between the Wigner–Weyl kinetic formalism and the complex geometrical optics method. *Journal of Mathematical Physics*, 46(8):083510, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083510_s1. See publisher’s note [347].

Mendez:2005:CAG

- [336] M. A. Méndez, P. Blasiak, and K. A. Penson. Combinatorial approach to generalized Bell and Stirling numbers and boson normal ordering problem. *Journal of Mathematical Physics*, 46(8):083511, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083511_s1.

Cacciatori:2005:EAG

- [337] Sergio L. Cacciatori, Bianca L. Cerchiai, Alberto Della Vedova, Giovanni Ortenzi, and Antonio Scotti. Euler angles for G_2 . *Journal of Mathematical Physics*, 46(8):083512, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083512_s1.

Yan:2005:ETI

- [338] Litan Yan, Ligang Lu, and Zhiqiang Xu. L^p estimates on a time-inhomogeneous diffusion process. *Journal of Mathematical Physics*, 46(8):083513, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083513_s1.

Kawamura:2005:PFO

- [339] Katsunori Kawamura. The Perron–Frobenius operators, invariant measures and representations of the Cuntz–Krieger algebras. *Journal of Mathematical Physics*, 46(8):083514, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083514_s1.

Humi:2005:DTS

- [340] Mayer Humi. Darboux transformations for Schrödinger equations in two variables. *Journal of Mathematical Physics*, 46(8):083515, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083515_s1.

Nagy:2005:CQT

- [341] Zoltán Nagy, Jean Avan, Anastasia Doikou, and Geneviève Rollet. Commuting quantum traces for quadratic algebras. *Journal of Mathematical Physics*, 46(8):083516, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083516_s1.

Gao:2005:GSS

- [342] Hongjun Gao and Anyou Zhu. The global strong solutions of Hasegawa–Mima–Charney–Obukhov equation. *Journal of Mathematical Physics*, 46(8):083517, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083517_s1.

Blaauboer:2005:AST

- [343] M. Blauboer. Analytical solution of the time evolution of an entangled electron spin pair in a double quantum dot nanostructure. *Journal of Mathematical Physics*, 46(8):083518, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083518_s1.

Li:2005:SGW

- [344] Fang Li and Haijun Cao. Semilattice graded weak Hopf algebra and its related quantum G-double. *Journal of Mathematical Physics*, 46(8):083519, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083519_s1.

Cacciatori:2005:SPG

- [345] Sergio L. Cacciatori. A simple parametrization for G_2 . *Journal of Mathematical Physics*, 46(8):083520, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083520_s1.

Benito:2005:DVM

- [346] Roberto Benito and David Martín de Diego. Discrete vakonomic mechanics. *Journal of Mathematical Physics*, 46(8):083521, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p083521_s1.

Maj:2005:PNR

- [347] Omar Maj. Publisher's note: "The relationship between the Wigner–Weyl kinetic formalism and the complex geometrical optics method", [J. Math. Phys. **46**, 083510 (2005)]. *Journal of Mathematical Physics*, 46(8):089901, August 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i8/p089901_s1. See [335].

Rubinstein:2005:ISG

- [348] Jacob Rubinstein and Peter Sternberg. Introduction: Superconductivity and the Ginzburg–Landau model. *Journal of Mathematical Physics*, 46(9):095101, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095101_s1.

Alama:2005:PET

- [349] Stan Alama and Lia Bronsard. Pinning effects and their breakdown for a Ginzburg–Landau model with normal inclusions. *Journal of Mathematical Physics*, 46(9):095102, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095102_s1.

Almog:2005:ETL

- [350] Y. Almog. Emergence of the triangular lattice near a flat wall. *Journal of Mathematical Physics*, 46(9):095103, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095103_s1.

Bauman:2005:CST

- [351] Patricia Bauman, Hala Jadallah, and Daniel Phillips. Classical solutions to the time-dependent Ginzburg–Landau equations for a bounded superconducting body in a vacuum. *Journal of Mathematical Physics*, 46(9):095104, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095104_s1.

Berdiyrov:2005:SBF

- [352] G. R. Berdiyrov, L. R. E. Cabral, and F. M. Peeters. Surface barrier for flux entry and exit in mesoscopic superconducting systems. *Journal of Mathematical Physics*, 46(9):095105, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095105_s1.

Berger:2005:TDG

- [353] Jorge Berger. Time-dependent Ginzburg–Landau equations with charged boundaries. *Journal of Mathematical Physics*, 46(9):095106, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095106_s1.

Berlyand:2005:GLM

- [354] L. Berlyand and E. Khruslov. Ginzburg–Landau model of a liquid crystal with random inclusions. *Journal of Mathematical Physics*, 46(9):095107, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095107_s1.

Chibotaru:2005:GLD

- [355] L. F. Chibotaru, A. Ceulemans, M. Morelle, G. Teniers, C. Carballeira, and V. V. Moshchalkov. Ginzburg–Landau description of confinement and quantization effects in mesoscopic superconductors. *Journal of Mathematical Physics*, 46(9):095108, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095108_s1.

Du:2005:NAG

- [356] Qiang Du. Numerical approximations of the Ginzburg–Landau models for superconductivity. *Journal of Mathematical Physics*, 46(9):095109, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095109_s1.

Kim:2005:TDL

- [357] Yun hui Kim, Jacob Rubinstein, and Peter Sternberg. Topologically driven local minimizers of the Oseen–Frank energy. *Journal of Mathematical Physics*, 46(9):095110, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095110_s1.

Kosugi:2005:GBS

- [358] Satoshi Kosugi, Yoshihisa Morita, and Shoji Yotsutani. Global bifurcation structure of a one-dimensional Ginzburg–Landau model. *Journal of Mathematical Physics*, 46(9):095111, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095111_s1.

Ma:2005:BSS

- [359] Tian Ma and Shouhong Wang. Bifurcation and stability of superconductivity. *Journal of Mathematical Physics*, 46(9):095112, September 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i9/p095112_s1.

Nagata:2005:IET

- [360] Koji Nagata. Inequalities for experimental tests of the Kochen–Specker theorem. *Journal of Mathematical Physics*, 46(10):102101, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102101_s1.

Novaes:2005:RTS

- [361] Marcel Novaes. Real trajectories in the semiclassical coherent state propagator. *Journal of Mathematical Physics*, 46(10):102102, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102102_s1.

Fichtner:2005:TSI

- [362] Karl-Heinz Fichtner, Wolfgang Freudenberg, and Masanori Ohya. Teleportation schemes in infinite dimensional Hilbert spaces. *Journal of Mathematical Physics*, 46(10):102103, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102103_s1.

Audenaert:2005:CBQ

- [363] Koenraad M. R. Audenaert and Jens Eisert. Continuity bounds on the quantum relative entropy. *Journal of Mathematical Physics*, 46(10):102104, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102104_s1.

Lang:2005:FSC

- [364] Andrew S. I. D. Lang. The frequency spectrum of the Casimir effect. *Journal of Mathematical Physics*, 46(10):102105, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102105_s1.

Lyons:2005:MOD

- [365] David W. Lyons and Scott N. Walck. Minimum orbit dimension for local unitary action on n -qubit pure states. *Journal of Mathematical Physics*, 46(10):102106, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102106_s1.

Sasaki:2005:GSM

- [366] Itaru Sasaki. Ground state of the massless Nelson model in a non-Fock representation. *Journal of Mathematical Physics*, 46(10):102107, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102107_s1.

Mostafazadeh:2005:APH

- [367] Ali Mostafazadeh. Application of pseudo-Hermitian quantum mechanics to a PT -symmetric Hamiltonian with a continuum of scattering states. *Journal of Mathematical Physics*, 46(10):102108, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102108_s1.

Strauss:2005:SDT

- [368] Y. Strauss. On the semigroup decomposition of the time evolution of quantum mechanical resonances. *Journal of Mathematical Physics*, 46(10):102109, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102109_s1.

Martinez:2005:GFC

- [369] Jorge Martínez, Claudio Meneses, and José A. Zapata. Geometry of C -flat connections, coarse graining and the continuum limit. *Journal of Mathematical Physics*, 46(10):102301, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102301_s1.

Salmela:2005:FGA

- [370] Antti Salmela. Function group approach to unconstrained Hamiltonian Yang–Mills theory. *Journal of Mathematical Physics*, 46(10):102302, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102302_s1.

Fuster:2005:NBQ

- [371] A. Fuster and J. W. van Holten. A note on BRST quantization of $SU(2)$ Yang–Mills mechanics. *Journal of Mathematical Physics*, 46(10):102303, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102303_s1.

Clark:2005:XXX

- [372] T. E. Clark, S. T. Love, Muneto Nitta, and T. ter Veldhuis. $AdS_{d+1} \rightarrow AdS_d$. *Journal of Mathematical Physics*, 46(10):102304, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102304_s1.

Bertini:2005:RDR

- [373] Massimo Bertini, Diego Noja, and Andrea Posilicano. Rigorous dynamics and radiation theory for a Pauli–Fierz model in the ultraviolet limit. *Journal of Mathematical Physics*, 46(10):102305, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102305_s1.

Wospakrik:2005:SMY

- [374] H. J. Wospakrik. Solutions of the massive $SU(N)$ Yang–Mills equations by harmonic maps. *Journal of Mathematical Physics*, 46(10):102306, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102306_s1.

Sasaki:2005:GSE

- [375] Itaru Sasaki. Ground state energy of the polaron in the relativistic quantum electrodynamics. *Journal of Mathematical Physics*, 46(10):102307, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102307_s1.

Ringermacher:2005:IMC

- [376] Harry I. Ringermacher and Lawrence R. Mead. Induced matter: Curved N -manifolds encapsulated in Riemann-flat $N + 1$ dimensional space. *Journal of Mathematical Physics*, 46(10):102501, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102501_s1.

Garat:2005:TG

- [377] Alcides Garat. Tetrads in geometrodynamics. *Journal of Mathematical Physics*, 46(10):102502, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102502_s1. See [2212].

Lau:2005:ASR

- [378] Stephen R. Lau. Analytic structure of radiation boundary kernels for blackhole perturbations. *Journal of Mathematical Physics*, 46(10):102503, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102503_s1.

Bicak:2005:FAS

- [379] Jirí Bicák and Pavel Krtous. Fields of accelerated sources: Born in de Sitter. *Journal of Mathematical Physics*, 46(10):102504, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102504_s1.

Antonio:2005:GMJ

- [380] N. Cirilo António and N. Manojlović. $f\downarrow_{\epsilon}$ Gaudin model with jordanian twist. *Journal of Mathematical Physics*, 46(10):102701, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102701_s1.

Gentile:2005:BLE

- [381] Guido Gentile and Titus S. van Erp. Breakdown of Lindstedt expansion for chaotic maps. *Journal of Mathematical Physics*, 46(10):102702, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102702_s1.

Haas:2005:JSM

- [382] F. Haas. Jacobi structures in \mathbf{R}^3 . *Journal of Mathematical Physics*, 46(10):102703, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102703_s1.

Santos:2005:WMD

- [383] J. P. Santos and L. O. Silva. Wigner–Moyal description of free variable mass Klein–Gordon fields. *Journal of Mathematical Physics*, 46(10):102901, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102901_s1.

Bhand:2005:RBM

- [384] Ajit Bhand and Andrew D. Lewis. Rigid body mechanics in Galilean spacetimes. *Journal of Mathematical Physics*, 46(10):102902, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p102902_s1.

Garoni:2005:ACE

- [385] T. M. Garoni, P. J. Forrester, and N. E. Frankel. Asymptotic corrections to the eigenvalue density of the GUE and LUE. *Journal of Mathematical Physics*, 46(10):103301, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103301_s1.

Ali:2005:FTD

- [386] Abdulmuhsen H. Ali. A field theoretic derivation of the Max Born hypothesis. *Journal of Mathematical Physics*, 46(10):103302, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103302_s1.

Rigotti:2005:TGR

- [387] M. Rigotti and F. Debbasch. An H -theorem for the general relativistic Ornstein–Uhlenbeck process. *Journal of Mathematical Physics*, 46(10):103303, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103303_s1.

Scoufis:2005:AIS

- [388] George Scoufis and Christopher M. Cosgrove. An application of the inverse scattering transform to the modified intermediate long wave equation. *Journal of Mathematical Physics*, 46(10):103501, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103501_s1.

Borowiec:2005:BTQ

- [389] Andrzej Borowiec, Jerzy Lukierski, Vladimir Lyakhovsky, Marek Mozrzymas, and Valeriy N. Tolstoy. Basic twist quantization of the exceptional Lie algebra g_2 . *Journal of Mathematical Physics*, 46(10):103502, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103502_s1.

McCaw:2005:CSC

- [390] James McCaw and B. H. J. McKellar. On the continuous spectral component of the Floquet operator for a periodically kicked quantum system. *Journal of Mathematical Physics*, 46(10):103503, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103503_s1.

Poletaeva:2005:ESA

- [391] Elena Poletaeva. Exceptional $N = 6$ superconformal algebra. *Journal of Mathematical Physics*, 46(10):103504, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL

http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103504_s1. See publisher's note [501].

Nunez:2005:QTC

- [392] J. Fernández Núñez, W. García Fuertes, and A. M. Perelomov. Quantum trigonometric Calogero–Sutherland model, irreducible characters and Clebsch–Gordan series for the exceptional algebra E_7 . *Journal of Mathematical Physics*, 46(10):103505, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103505_s1.

Messirdi:2005:RPM

- [393] B. Messirdi, A. Senoussaoui, and G. Djellouli. Resonances of polyatomic molecules in the Born–Oppenheimer approximation. *Journal of Mathematical Physics*, 46(10):103506, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103506_s1.

Kalnins:2005:SOSc

- [394] E. G. Kalnins, J. M. Kress, and W. Miller. Second order superintegrable systems in conformally flat spaces. III. Three-dimensional classical structure theory. *Journal of Mathematical Physics*, 46(10):103507, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103507_s1.

Jarlskog:2005:RPU

- [395] C. Jarlskog. A recursive parametrization of unitary matrices. *Journal of Mathematical Physics*, 46(10):103508, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103508_s1.

Gordoa:2005:NEV

- [396] P. R. Gordoa, A. Pickering, and Z. N. Zhu. A nonisospectral extension of the Volterra hierarchy to $2 + 1$ dimensions. *Journal of Mathematical Physics*, 46(10):103509, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103509_s1.

Aizawa:2005:QS

- [397] N. Aizawa and R. Chakrabarti. Quantum spheres for $OSP_q(1/2)$. *Journal of Mathematical Physics*, 46(10):103510, October 2005. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103510_s1.

Kwas:2005:OMC

- [398] Marek Kwas. An optimal Monte Carlo algorithm for multivariate Feynman–Kac path integrals. *Journal of Mathematical Physics*, 46(10):103511, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103511_s1.

Trzetrzelewski:2005:RLT

- [399] Maciej Trzetrzelewski. Reduction of $\mathfrak{su}(N)$ loop tensors to trees. *Journal of Mathematical Physics*, 46(10):103512, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103512_s1.

Bashkirov:2005:AKT

- [400] D. Bashkirov, G. Giachetta, L. Mangiarotti, and G. Sardanashvily. The antifield Koszul–Tate complex of reducible Noether identities. *Journal of Mathematical Physics*, 46(10):103513, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103513_s1.

Li:2005:RHO

- [401] Zhi-Feng Li, Jin-Jin Liu, Wolfgang Lucha, Wen-Gan Ma, and Franz F. Schöberl. Relativistic harmonic oscillator. *Journal of Mathematical Physics*, 46(10):103514, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103514_s1.

Calogero:2005:NSE

- [402] F. Calogero and S. Iona. Novel solvable extensions of the goldfish many-body model. *Journal of Mathematical Physics*, 46(10):103515, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103515_s1.

Lizzi:2005:ACS

- [403] Fedele Lizzi, Allen Stern, and Patrizia Vitale. On the absence of continuous symmetries for noncommutative 3-spheres. *Journal of Mathematical Physics*, 46(10):103516, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103516_s1.

Andrea:2005:GCN

- [404] S. Andrea, A. Restuccia, and A. Sotomayor. The Gardner category and nonlocal conservation laws for $N = 1$ Super KdV. *Journal of Mathematical Physics*, 46(10):103517, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103517_s1.

Kubieniec:2005:SSS

- [405] J. Kubieniec. On the structure of the supplementary series of unitary, irreducible representations of the proper, orthochronous Lorentz group. *Journal of Mathematical Physics*, 46(10):103518, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103518_s1.

Majid:2005:GTN

- [406] S. Majid. Gauge theory on nonassociative spaces. *Journal of Mathematical Physics*, 46(10):103519, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103519_s1.

Majid:2005:NMS

- [407] S. Majid. Noncommutative model with spontaneous time generation and Planckian bound. *Journal of Mathematical Physics*, 46(10):103520, October 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i10/p103520_s1.

Lei:2005:ACR

- [408] C. Lei, A. Vourdas, and A. Wünsche. Analytic and contour representations in the unit disk based on $SU(1,1)$ coherent states. *Journal of Mathematical Physics*, 46(11):112101, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112101_s1.

Lassen:2005:GTD

- [409] B. Lassen, M. Willatzen, R. Melnik, and L. C. Lew Yan Voon. A general treatment of deformation effects in Hamiltonians for inhomogeneous crystalline materials. *Journal of Mathematical Physics*, 46(11):112102, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112102_s1.

Chae:2005:RRW

- [410] Myeongju Chae, Seung-Yeal Ha, and Hyungjin Huh. Remarks on the repulsive Wigner–Poisson system. *Journal of Mathematical Physics*, 46(11):112103, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112103_s1.

Tumulka:2005:SWF

- [411] Roderich Tumulka and Nino Zanghi. Smoothness of wave functions in thermal equilibrium. *Journal of Mathematical Physics*, 46(11):112104, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112104_s1.

Brandt:2005:LEV

- [412] Sebastian F. Brandt and Axel Pelster. Large- D expansion from variational perturbation theory. *Journal of Mathematical Physics*, 46(11):112105, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112105_s1.

Wang:2005:ETC

- [413] Xue Ping Wang and Yuefei Wang. Existence of two-cluster threshold resonances and the N -body Efimov effect. *Journal of Mathematical Physics*, 46(11):112106, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112106_s1.

Kan:2005:DQE

- [414] Nahomi Kan and Kiyoshi Shiraishi. Divergences in quantum electrodynamics on a graph. *Journal of Mathematical Physics*, 46(11):112301, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112301_s1.

Nita:2005:PGR

- [415] Bogdan G. Nita, Paul MacAlevy, and Phillip T. Downes. Pure gravitational radiation with twisting rays in the linear approximation. *Journal of Mathematical Physics*, 46(11):112501, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112501_s1.

Mosna:2005:VET

- [416] Ricardo A. Mosna and Alberto Saa. Volume elements and torsion. *Journal of Mathematical Physics*, 46(11):112502, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112502_s1.

Armenta:2005:SBB

- [417] J. Armenta and J. A. Nieto. Soldered bundle background for the de Sitter top. *Journal of Mathematical Physics*, 46(11):112503, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112503_s1.

Harnad:2005:CRT

- [418] J. Harnad, I. Loutsenko, and O. Yermolayeva. Constrained reductions of two-dimensional dispersionless Toda hierarchy, Hamiltonian structure, and interface dynamics. *Journal of Mathematical Physics*, 46(11):112701, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112701_s1.

Cimmelli:2005:ENE

- [419] V. A. Cimmelli and P. Ván. The effects of nonlocality on the evolution of higher order fluxes in nonequilibrium thermodynamics. *Journal of Mathematical Physics*, 46(11):112901, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112901_s1.

Muzsnay:2005:IVP

- [420] Zoltán Muzsnay. An invariant variational principle for canonical flows on Lie groups. *Journal of Mathematical Physics*, 46(11):112902, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112902_s1.

Forger:2005:HMF

- [421] Michael Forger, Cornelius Paufler, and Hartmann Römer. Hamiltonian multivector fields and Poisson forms in multisymplectic field theory. *Journal of Mathematical Physics*, 46(11):112903, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112903_s1.

Pasquero:2005:ICU

- [422] Stefano Pasquero. Ideality criterion for unilateral constraints in time-dependent impulsive mechanics. *Journal of Mathematical Physics*, 46(11):112904, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112904_s1.

Barros:2005:GLH

- [423] Manuel Barros, Alfonso Romero, José L. Cabrerizo, and Manuel Fernández. The Gauss–Landau–Hall problem on Riemannian surfaces. *Journal of Mathematical Physics*, 46(11):112905, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p112905_s1.

Bisi:2005:FDE

- [424] M. Bisi and G. Spiga. Fluid-dynamic equations for granular particles in a host medium. *Journal of Mathematical Physics*, 46(11):113301, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113301_s1. See erratum [2206].

DeSanctis:2005:RMO

- [425] Luca De Sanctis. Random multi-overlap structures for optimization problems. *Journal of Mathematical Physics*, 46(11):113302, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113302_s1.

Otway:2005:HFE

- [426] Thomas H. Otway. Harmonic fields on the extended projective disk and a problem in optics. *Journal of Mathematical Physics*, 46(11):113501, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113501_s1. See erratum [1117].

Kodama:2005:IQD

- [427] Y. Kodama, B. Konopelchenko, L. Martínez Alonso, and E. Medina. Integrable quasiclassical deformations of cubic curves. *Journal of Mathematical Physics*, 46(11):113502, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113502_s1.

Figueiredo:2005:ILC

- [428] B. D. Bonorino Figueiredo. Ince's limits for confluent and double-confluent Heun equations. *Journal of Mathematical Physics*, 46(11):113503, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113503_s1.

Stoilova:2005:CGQb

- [429] N. I. Stoilova and J. Van der Jeugt. A classification of generalized quantum statistics associated with basic classical Lie superalgebras. *Journal of Mathematical Physics*, 46(11):113504, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113504_s1.

Abe:2005:NRC

- [430] Yuuki Abe and Toshiki Nakashima. Nilpotent representations of classical quantum groups at roots of unity. *Journal of Mathematical Physics*, 46(11):113505, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113505_s1.

Patera:2005:DCCb

- [431] J. Patera and A. Zaratsyan. Discrete and continuous cosine transform generalized to Lie groups $SU(3)$ and $G(2)$. *Journal of Mathematical Physics*, 46(11):113506, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113506_s1.

Park:2005:EPM

- [432] Yong Moon Park. Ergodic property of Markovian semigroups on standard forms of von Neumann algebras. *Journal of Mathematical Physics*, 46(11):113507, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113507_s1.

Bruning:2005:DSG

- [433] Jochen Brüning, Vladimir Geyler, and Konstantin Pankrashkin. On-diagonal singularities of the Green functions for Schrödinger operators. *Journal of Mathematical Physics*, 46(11):113508, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113508_s1.

Musso:2005:CPI

- [434] E. Musso and L. Nicolodi. On the Cauchy problem for the integrable system of Lie minimal surfaces. *Journal of Mathematical Physics*, 46(11):113509, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113509_s1.

Gurses:2005:IET

- [435] Metin Gürses, Gusein Sh. Guseinov, and Burcu Silindir. Integrable equations on time scales. *Journal of Mathematical Physics*, 46(11):113510, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113510_s1.

Morse:2005:ECC

- [436] Edward C. Morse. Eigenfunctions of the curl in cylindrical geometry. *Journal of Mathematical Physics*, 46(11):113511, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113511_s1.

Pierantozzi:2005:IBW

- [437] T. Pierantozzi and L. Vázquez. An interpolation between the wave and diffusion equations through the fractional evolution equations Dirac like. *Journal of Mathematical Physics*, 46(11):113512, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113512_s1.

Neidhardt:2005:UDS

- [438] H. Neidhardt and J. Rehberg. Uniqueness for Dissipative Schrödinger–Poisson Systems. *Journal of Mathematical Physics*, 46(11):113513, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113513_s1.

Hoshino:2005:PRC

- [439] Ayumu Hoshino. Polyhedral realizations of crystal bases for quantum algebras of finite types. *Journal of Mathematical Physics*, 46(11):113514, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p113514_s1.

Shchepetilov:2005:CCP

- [440] A. V. Shchepetilov. Comment on “Central potentials on spaces of constant curvature: The Kepler problem on the two-dimensional sphere S^2 and the hyperbolic plane H^2 ”, [J. Math. Phys. **46**, 052702 (2005)]. *Journal of Mathematical Physics*, 46(11):114101, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p114101_s1. See [180, 441].

Carinena:2005:RCC

- [441] J. F. Cariñena, M. F. Ranada, and M. Santander. Response to “Comment on ‘Central potentials on spaces of constant curvature: The Kepler problem on the two-dimensional sphere S^2 and the hyperbolic plane H^2 ’ [J. Math. Phys. **46**, 052702 (2005)]”. *Journal of Mathematical Physics*, 46(11):114102, November 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i11/p114102_s1. See [440, 180].

Chen:2005:CMB

- [442] Hao Chen. Constraints on the mixing of bipartite states. *Journal of Mathematical Physics*, 46(12):122101, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122101_s1.

Hussin:2005:LOC

- [443] V. Hussin and L. M. Nieto. Ladder operators and coherent states for the Jaynes–Cummings model in the rotating-wave approximation. *Journal of Mathematical Physics*, 46(12):122102, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122102_s1.

Barbaroux:2005:QEE

- [444] Jean-Marie Barbaroux, Helmut Linde, and Semjon Vugalter. Quantitative estimates on the enhanced binding for the Pauli–Fierz operator. *Journal of Mathematical Physics*, 46(12):122103, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122103_s1.

Garcia:2005:ACM

- [445] Jaime Zaratiegui García. Analytic Coulomb matrix elements in a three-dimensional geometry. *Journal of Mathematical Physics*, 46(12):122104,

December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122104_s1.

Singh:2005:CAS

- [446] Sudhir Kumar Singh, Sudebkumar Prasant Pal, Somesh Kumar, and R. Srikanth. A combinatorial approach for studying local operations and classical communication transformations of multipartite states. *Journal of Mathematical Physics*, 46(12):122105, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122105_s1.

Teismann:2005:GCS

- [447] Holger Teismann. Generalized coherent states and the control of quantum systems. *Journal of Mathematical Physics*, 46(12):122106, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122106_s1.

Janzing:2005:DTC

- [448] Dominik Janzing. Decomposition of time-covariant operations on quantum systems with continuous and/or discrete energy spectrum. *Journal of Mathematical Physics*, 46(12):122107, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122107_s1.

Konig:2005:FRF

- [449] Robert König and Renato Renner. A de Finetti representation for finite symmetric quantum states. *Journal of Mathematical Physics*, 46(12):122108, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122108_s1.

Si:2005:NAC

- [450] Tieyan Si. Non-Abelian Chern–Simons action is topological invariant on 3 simple knot. *Journal of Mathematical Physics*, 46(12):122301, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122301_s1.

Naot:2005:CST

- [451] Gad Naot. On Chern–Simons theory with an inhomogeneous gauge group and BF theory knot invariants. *Journal of Mathematical Physics*,

46(12):122302, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122302_s1.

Heller:2005:NUG

- [452] Michael Heller, Leszek Pysiak, and Wieslaw Sasin. Noncommutative unification of general relativity and quantum mechanics. *Journal of Mathematical Physics*, 46(12):122501, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122501_s1.

Christensen:2005:CSQ

- [453] J. Daniel Christensen and Louis Crane. Causal sites as quantum geometry. *Journal of Mathematical Physics*, 46(12):122502, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122502_s1.

Droste:2005:UHC

- [454] Manfred Droste. Universal homogeneous causal sets. *Journal of Mathematical Physics*, 46(12):122503, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122503_s1.

Munoz-Lecanda:2005:NCC

- [455] Miguel-C. Muñoz-Lecanda, Modesto Salgado, and Silvia Vilariño. Non-standard connections in k -cosymplectic field theory. *Journal of Mathematical Physics*, 46(12):122901, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p122901_s1.

Farkas:2005:SZE

- [456] S. Farkas and Z. Zimborás. On the sharpness of the zero-entropy-density conjecture. *Journal of Mathematical Physics*, 46(12):123301, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123301_s1.

vanEerten:2005:EGS

- [457] Hendrik van Eerten. Extensive ground state entropy in supersymmetric lattice models. *Journal of Mathematical Physics*, 46(12):123302, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123302_s1.

Assis:2005:NDE

- [458] P. C. Assis, L. R. da Silva, E. K. Lenzi, L. C. Malacarne, and R. S. Mendes. Nonlinear diffusion equation, Tsallis formalism and exact solutions. *Journal of Mathematical Physics*, 46(12):123303, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123303_s1.

Dancer:2005:ECI

- [459] K. A. Dancer, M. D. Gould, and J. Links. Eigenvalues of Casimir invariants for $U_q[\mathfrak{osp}(m|n)]$. *Journal of Mathematical Physics*, 46(12):123501, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123501_s1.

Chen:2005:MNB

- [460] Jianqing Chen and Boling Guo. Multiple nodal bound states for a quasilinear Schrödinger equation. *Journal of Mathematical Physics*, 46(12):123502, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123502_s1.

Masson:2005:INC

- [461] Thierry Masson and Emmanuel Serié. Invariant noncommutative connections. *Journal of Mathematical Physics*, 46(12):123503, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123503_s1.

Yomba:2005:CNS

- [462] Emmanuel Yomba. Construction of new solutions to the fully nonlinear generalized Camassa–Holm equations by an indirect F function method. *Journal of Mathematical Physics*, 46(12):123504, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123504_s1.

Rybkin:2005:SCL

- [463] Alexei Rybkin. On the spectral L_2 conjecture, $3/2$ -Lieb–Thirring inequality and distributional potentials. *Journal of Mathematical Physics*,

46(12):123505, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123505_s1.

Bluman:2005:FPS

- [464] George Bluman and Alexei F. Cheviakov. Framework for potential systems and nonlocal symmetries: Algorithmic approach. *Journal of Mathematical Physics*, 46(12):123506, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123506_s1.

Brunelli:2005:SPH

- [465] J. C. Brunelli. The short pulse hierarchy. *Journal of Mathematical Physics*, 46(12):123507, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123507_s1.

Rozenblyum:2005:RDA

- [466] Alexander Rozenblyum. Representations of the q -deformed algebras $U_q(\mathfrak{so}_3)$ and $U_q(\mathfrak{so}_5)$ and q -orthogonal polynomials. *Journal of Mathematical Physics*, 46(12):123508, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p123508_s1.

Khuri:2005:AUL

- [467] N. N. Khuri, André Martin, Pierre C. Sabatier, and Tai Tsun Wu. Addendum: “Universality of low-energy scattering in $2+1$ dimensions: The nonsymmetric case”, [*J. Math. Phys.* **46**, 032103 (2005)]. *Journal of Mathematical Physics*, 46(12):129901, December 2005. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v46/i12/p129901_s1. See [64].

Altschul:2006:NHI

- [468] B. Altschul. Non-Hermitian interactions between harmonic oscillators, with applications to stable, Lorentz-violating quantum electrodynamics. *Journal of Mathematical Physics*, 47(1):012101, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012101_s1.

Jacobs:2006:BMI

- [469] Kurt Jacobs. A bound on the mutual information, and properties of entropy reduction, for quantum channels with inefficient measurements.

Journal of Mathematical Physics, 47(1):012102, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012102_s1.

Heydari:2006:EMM

- [470] Hoshang Heydari. Entanglement monotones for multi-qubit states based on geometric invariant theory. *Journal of Mathematical Physics*, 47(1):012103, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012103_s1.

Yonezawa:2006:IQC

- [471] Nobuhiro Yonezawa and Izumi Tsutsui. Inequivalent quantizations of the $N = 3$ Calogero model with scale and mirror- S_3 symmetry. *Journal of Mathematical Physics*, 47(1):012104, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012104_s1.

Ananos:2006:SFT

- [472] G. N. J. Añaños. Scalar field theory at finite temperature in $D = 2 + 1$. *Journal of Mathematical Physics*, 47(1):012301, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012301_s1.

deMello:2006:ESG

- [473] E. R. Bezerra de Mello. The Euclidean scalar Green function in the five-dimensional Kaluza–Klein magnetic monopole space–time. *Journal of Mathematical Physics*, 47(1):012302, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012302_s1.

Sako:2006:PFS

- [474] Akifumi Sako and Toshiya Suzuki. Partition functions of supersymmetric gauge theories in noncommutative \mathbf{R}^{2D} and their unified perspective. *Journal of Mathematical Physics*, 47(1):012303, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012303_s1.

Cook:2006:GWZ

- [475] James S. Cook. Gauged Wess–Zumino model in noncommutative Minkowski superspace. *Journal of Mathematical Physics*, 47(1):012304,

January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012304_s1.

Leal:2006:MML

- [476] Lorenzo Leal and Alexander López. Magnetic monopole in the loop representation. *Journal of Mathematical Physics*, 47(1):012305, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012305_s1.

Popov:2006:QGT

- [477] Alexander D. Popov and Richard J. Szabo. Quiver gauge theory of non-Abelian vortices and noncommutative instantons in higher dimensions. *Journal of Mathematical Physics*, 47(1):012306, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012306_s1.

Bayin:2006:FBF

- [478] S. Bayin, E. N. Glass, and J. P. Krisch. Fractional boundaries for fluid spheres. *Journal of Mathematical Physics*, 47(1):012501, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012501_s1.

Halilsoy:2006:CWS

- [479] E. Halilsoy, M. Halilsoy, and O. Unver. Colliding wave solutions from five-dimensional black holes and black p -branes. *Journal of Mathematical Physics*, 47(1):012502, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012502_s1.

Sasaki:2006:ESC

- [480] R. Sasaki and K. Takasaki. Explicit solutions of the classical Calogero and Sutherland systems for any root system. *Journal of Mathematical Physics*, 47(1):012701, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012701_s1.

Gallavotti:2006:FLS

- [481] G. Gallavotti, G. Gentile, and A. Giuliani. Fractional Lindstedt series. *Journal of Mathematical Physics*, 47(1):012702, January 2006. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012702_s1.

Sundkvist:2006:CIP

- [482] David Sundkvist. Covariant irreducible parametrization of electromagnetic fields in arbitrary space–time. *Journal of Mathematical Physics*, 47(1):012901, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012901_s1. See publisher’s note [629].

Tip:2006:SMP

- [483] A. Tip. Some mathematical properties of Maxwell’s equations for macroscopic dielectrics. *Journal of Mathematical Physics*, 47(1):012902, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p012902_s1.

Rossani:2006:AEG

- [484] A. Rossani and G. Spiga. Auger effect in the generalized kinetic theory of electrons and holes. *Journal of Mathematical Physics*, 47(1):013301, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013301_s1.

Zhao:2006:DRC

- [485] Shao-You Zhao, Wen-Li Yang, and Yao-Zhong Zhang. Determinant representation of correlation functions for the $U_q(\mathfrak{gl}(1|1))$ free Fermion model. *Journal of Mathematical Physics*, 47(1):013302, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013302_s1.

Dridi:2006:EPF

- [486] Raouf Dridi and Sylvain Neut. The equivalence problem for fourth order differential equations under fiber preserving diffeomorphisms. *Journal of Mathematical Physics*, 47(1):013501, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013501_s1.

Gromov:2006:PQK

- [487] N. A. Gromov and V. V. Kuratov. Possible quantum kinematics. *Journal of Mathematical Physics*, 47(1):013502, January 2006. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013502_s1.

Kong:2006:ETL

- [488] De-Xing Kong, Qing-You Sun, and Yi Zhou. The equation for time-like extremal surfaces in Minkowski space \mathbf{R}^{2+n} . *Journal of Mathematical Physics*, 47(1):013503, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013503_s1.

Wu:2006:BBR

- [489] Shuyin Wu and Zhaoyang Yin. Blow-up, blow-up rate and decay of the solution of the weakly dissipative Camassa–Holm equation. *Journal of Mathematical Physics*, 47(1):013504, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013504_s1.

Boumenir:2006:ATK

- [490] Amin Boumenir. The approximation of the transmutation kernel. *Journal of Mathematical Physics*, 47(1):013505, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013505_s1.

Odesskii:2006:CLB

- [491] A. V. Odesskii and V. V. Sokolov. Compatible Lie brackets related to elliptic curve. *Journal of Mathematical Physics*, 47(1):013506, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013506_s1.

Jarlskog:2006:RPI

- [492] C. Jarlskog. Recursive parametrization and invariant phases of unitary matrices. *Journal of Mathematical Physics*, 47(1):013507, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013507_s1.

Karabulut:2006:DGP

- [493] Hasan Karabulut. Distributed Gaussian polynomials as q -oscillator eigenfunctions. *Journal of Mathematical Physics*, 47(1):013508, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013508_s1.

Aragon-Gonzalez:2006:DOT

- [494] G. Aragón-González, J. L. Aragón, and M. A. Rodríguez-Andrade. The decomposition of an orthogonal transformation as a product of reflections. *Journal of Mathematical Physics*, 47(1):013509, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013509_s1.

Gungor:2006:GDS

- [495] F. Güngör and Ö. Aykanat. The generalized Davey–Stewartson equations, its Kac–Moody–Virasoro symmetry algebra and relation to Davey–Stewartson equations. *Journal of Mathematical Physics*, 47(1):013510, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013510_s1.

Cornean:2006:FER

- [496] Horia D. Cornean, Gheorghe Nenciu, and Thomas G. Pedersen. The Faraday effect revisited: General theory. *Journal of Mathematical Physics*, 47(1):013511, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013511_s1.

Pelantova:2006:FGG

- [497] Edita Pelantová, Milena Svobodová, and Sébastien Tremblay. Fine grading of $\mathfrak{sl}(p^2, \mathbf{C})$ generated by tensor product of generalized Pauli matrices and its symmetries. *Journal of Mathematical Physics*, 47(1):013512, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013512_s1.

Forte:2006:SNE

- [498] L. A. Forte and A. Sciarrino. Standard and nonstandard extensions of Lie algebras. *Journal of Mathematical Physics*, 47(1):013513, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013513_s1.

Mosna:2006:SSS

- [499] Ricardo A. Mosna. Singular solutions to the Seiberg–Witten and Freund equations on flat space from an iterative method. *Journal of Mathematical Physics*, 47(1):013514, January 2006. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013514_s1.

Najar:2006:SMR

- [500] Hatem Najar. The spectrum minimum for random Schrödinger operators with indefinite sign potentials. *Journal of Mathematical Physics*, 47(1):013515, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p013515_s1.

Poletaeva:2006:PNE

- [501] Elena Poletaeva. Publisher's note: "On the exceptional $N = 6$ superconformal algebra", [J. Math. Phys. **46**, 103504 (2005)]. *Journal of Mathematical Physics*, 47(1):019901, January 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i1/p019901_s1. See [391].

Langmann:2006:RIR

- [502] Edwin Langmann. Remarkable identities related to the (quantum) elliptic Calogero–Sutherland model. *Journal of Mathematical Physics*, 47(2):022101, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022101_s1.

D'Ariano:2006:OEQ

- [503] Giacomo Mauro D'Ariano, Vittorio Giovannetti, and Paolo Perinotti. Optimal estimation of quantum observables. *Journal of Mathematical Physics*, 47(2):022102, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022102_s1.

Kurochkin:2006:RTC

- [504] Yu. Kurochkin and Dz. Shoukavy. Regge trajectories of the Coulomb potential in the space of constant negative curvature 1S_3 . *Journal of Mathematical Physics*, 47(2):022103, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022103_s1.

Slater:2006:QFI

- [505] Paul B. Slater. Quantum and Fisher information from the Husimi and related distributions. *Journal of Mathematical Physics*, 47(2):022104,

February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022104_s1.

Bergeron:2006:RBK

- [506] H. Bergeron. Rigorous bra-ket formalism and wave function operator for one particle quantum mechanics. *Journal of Mathematical Physics*, 47(2):022105, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022105_s1.

Zamastil:2006:LOB

- [507] J. Zamastil and L. Skála. Large-order behavior of the perturbation energies for the hydrogen atom in magnetic field. *Journal of Mathematical Physics*, 47(2):022106, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022106_s1.

Chen:2006:MAB

- [508] Goong Chen, Zhonghai Ding, Sze-Bi Hsu, Moochan Kim, and Jianxin Zhou. Mathematical analysis of a Bohr atom model. *Journal of Mathematical Physics*, 47(2):022107, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022107_s1.

Ruuge:2006:NFF

- [509] Artur E. Ruuge and Freddy Van Oystaeyen. New families of finite coherent orthoalgebras without bivaluations. *Journal of Mathematical Physics*, 47(2):022108, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022108_s1.

Mouchet:2006:ULB

- [510] Amaury Mouchet. Upper and lower bounds for an eigenvalue associated with a positive eigenvector. *Journal of Mathematical Physics*, 47(2):022109, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022109_s1.

Mondragon:2006:CCF

- [511] Mauricio Mondragón and Merced Montesinos. Covariant canonical formalism for four-dimensional BF theory. *Journal of Mathematical Physics*, 47(2):022301, February 2006. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022301_s1.

Koutvitsky:2006:ICS

- [512] Vladimir A. Koutvitsky and Eugene M. Maslov. Instability of coherent states of a real scalar field. *Journal of Mathematical Physics*, 47(2):022302, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022302_s1.

Adam:2006:IAS

- [513] C. Adam, J. Sánchez-Guillén, and A. Wereszczyński. Integrability from an Abelian subgroup of the diffeomorphisms group. *Journal of Mathematical Physics*, 47(2):022303, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022303_s1.

Giambo:2006:GVN

- [514] Roberto Giambò. Global visibility of naked singularities. *Journal of Mathematical Physics*, 47(2):022501, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022501_s1.

Chrusciel:2006:KVA

- [515] Piotr T. Chruściel and Daniel Maerten. Killing vectors in asymptotically flat space-times. II. Asymptotically translational Killing vectors and the rigid positive energy theorem in higher dimensions. *Journal of Mathematical Physics*, 47(2):022502, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022502_s1.

Maran:2006:SDR

- [516] Suresh K. Maran. A systematic derivation of the Riemannian Barrett–Crane intertwiner. *Journal of Mathematical Physics*, 47(2):022503, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022503_s1.

Takagi:2006:APA

- [517] Taichiro Takagi. Analysis of a particle antiparticle description of a soliton cellular automaton. *Journal of Mathematical Physics*, 47(2):022701,

February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022701_s1.

Bjerklov:2006:PLE

- [518] Kristian Bjerklov. Positive Lyapunov exponents for continuous quasiperiodic Schrödinger equations. *Journal of Mathematical Physics*, 47(2):022702, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022702_s1. See publisher's note [628].

Bruschi:2006:NSV

- [519] M. Bruschi and F. Calogero. Novel solvable variants of the goldfish many-body model. *Journal of Mathematical Physics*, 47(2):022703, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022703_s1.

Llibre:2006:FAI

- [520] Jaume Llibre and Clàudia Valls. Formal and analytical integrability of the Bianchi IX system. *Journal of Mathematical Physics*, 47(2):022704, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022704_s1.

Benatti:2006:DDS

- [521] Fabio Benatti, Alberto Verjovsky, and Federico Zertuche. Discrete dynamical systems embedded in Cantor sets. *Journal of Mathematical Physics*, 47(2):022705, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022705_s1.

Hernandez-Bermejo:2006:NFD

- [522] Benito Hernández-Bermejo. New four-dimensional solutions of the Jacobi equations for Poisson structures. *Journal of Mathematical Physics*, 47(2):022901, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022901_s1.

Cendra:2006:GNM

- [523] H. Cendra and S. Grillo. Generalized nonholonomic mechanics, servomechanisms and related brackets. *Journal of Mathematical Physics*, 47(2):022902, February 2006. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022902_s1.

Benn:2006:GKT

- [524] I. M. Benn. Geodesics and Killing tensors in mechanics. *Journal of Mathematical Physics*, 47(2):022903, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022903_s1.

Toller:2006:TPA

- [525] M. Toller. Test particles with acceleration-dependent Lagrangian. *Journal of Mathematical Physics*, 47(2):022904, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p022904_s1.

Forrester:2006:AFD

- [526] P. J. Forrester, N. E. Frankel, and T. M. Garoni. Asymptotic form of the density profile for Gaussian and Laguerre random matrix ensembles with orthogonal and symplectic symmetry. *Journal of Mathematical Physics*, 47(2):023301, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023301_s1.

Furuichi:2006:ITP

- [527] Shigeru Furuichi. Information theoretical properties of Tsallis entropies. *Journal of Mathematical Physics*, 47(2):023302, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023302_s1.

Lehmann:2006:CES

- [528] E. Lehmann. Covariant equilibrium statistical mechanics. *Journal of Mathematical Physics*, 47(2):023303, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023303_s1.

Alimohammadi:2006:SRD

- [529] Masoud Alimohammadi. Solvable reaction-diffusion processes without exclusion. *Journal of Mathematical Physics*, 47(2):023304, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023304_s1.

Bachmaier:2006:SND

- [530] Fabian Bachmaier and Christian Blohmann. Separation of noncommutative differential calculus on quantum Minkowski space. *Journal of Mathematical Physics*, 47(2):023501, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023501_s1.

Hu:2006:GQE

- [531] Xinhua Hu and Zhongxing Ye. Generalized quantum entropy. *Journal of Mathematical Physics*, 47(2):023502, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023502_s1.

DeMicheli:2006:HGO

- [532] Enrico De Micheli, Irene Scorza, and Giovanni Alberto Viano. Hyperbolic geometrical optics: Hyperbolic glass. *Journal of Mathematical Physics*, 47(2):023503, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023503_s1.

Bogoyavlenskij:2006:STB

- [533] Oleg I. Bogoyavlenskij. Schouten tensor and bi-Hamiltonian systems of hydrodynamic type. *Journal of Mathematical Physics*, 47(2):023504, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023504_s1.

Palmkvist:2006:RLA

- [534] Jakob Palmkvist. A realization of the Lie algebra associated to a Kantor triple system. *Journal of Mathematical Physics*, 47(2):023505, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023505_s1.

Kajiura:2006:OCH

- [535] Hiroshige Kajiura and Jim Stasheff. Open-closed homotopy algebra in mathematical physics. *Journal of Mathematical Physics*, 47(2):023506, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023506_s1.

Turner:2006:VCS

- [536] P. S. Turner, D. J. Rowe, and J. Repka. Vector coherent state theory of the generic representations of $\mathfrak{sl}(\nabla)$ in an $\mathfrak{sl}(\exists)$ basis. *Journal of Mathematical Physics*, 47(2):023507, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023507_s1.

Chandrasekar:2006:SUA

- [537] V. K. Chandrasekar, S. N. Pandey, M. Senthilvelan, and M. Lakshmanan. A simple and unified approach to identify integrable nonlinear oscillators and systems. *Journal of Mathematical Physics*, 47(2):023508, February 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i2/p023508_s1.

Velasco:2006:SED

- [538] Claudio de Jesús Pita Ruiz Velasco and Stephen Bruce Sontz. On Shannon entropies in μ -deformed Segal–Bargmann analysis. *Journal of Mathematical Physics*, 47(3):032101, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032101_s1.

Combescure:2006:QFT

- [539] Monique Combescure. The quantum fidelity for the time-periodic singular harmonic oscillator. *Journal of Mathematical Physics*, 47(3):032102, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032102_s1.

Brummelhuis:2006:EHA

- [540] Raymond Brummelhuis and Pierre Duclos. Effective Hamiltonians for atoms in very strong magnetic fields. *Journal of Mathematical Physics*, 47(3):032103, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032103_s1.

Altafini:2006:RSM

- [541] Claudio Altafini and Timothy F. Havel. Reflection symmetries for multiqubit density operators. *Journal of Mathematical Physics*, 47(3):032104, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032104_s1.

Shiri-Garakani:2006:FQK

- [542] Mohsen Shiri-Garakani and David Ritz Finkelstein. Finite quantum kinematics of the harmonic oscillator. *Journal of Mathematical Physics*, 47(3):032105, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032105_s1.

Katsura:2006:ESR

- [543] Hosho Katsura and Hideo Aoki. Exact supersymmetry in the relativistic hydrogen atom in general dimensions — supercharge and the generalized Johnson–Lippmann operator. *Journal of Mathematical Physics*, 47(3):032301, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032301_s1.

Moretti:2006:BEC

- [544] Valter Moretti. Bose–Einstein condensate and spontaneous breaking of conformal symmetry on Killing horizons II. *Journal of Mathematical Physics*, 47(3):032302, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032302_s1.

Nottale:2006:NAG

- [545] Laurent Nottale, Marie-Noëlle Célérier, and Thierry Lehner. Non-Abelian gauge field theory in scale relativity. *Journal of Mathematical Physics*, 47(3):032303, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032303_s1.

Gegenberg:2006:GRF

- [546] J. Gegenberg and G. Kunstatter. The generalized Ricci flow for three-dimensional manifolds with one Killing vector. *Journal of Mathematical Physics*, 47(3):032304, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032304_s1.

Darabi:2006:CET

- [547] F. Darabi and M. R. Setare. Casimir effect in a two-dimensional signature changing space–time. *Journal of Mathematical Physics*, 47(3):032501, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032501_s1.

Stachowiak:2006:NDP

- [548] Tomasz Stachowiak, Marek Szydłowski, and Andrzej J. Maciejewski. Nonintegrability of density perturbations in the Friedmann–Robertson–Walker universe. *Journal of Mathematical Physics*, 47(3):032502, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032502_s1.

Karmakar:2006:AIP

- [549] P. K. Karmakar and C. B. Dwivedi. Analytical integrability and physical solutions of d -KdV equation. *Journal of Mathematical Physics*, 47(3):032901, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032901_s1. See comment [899].

Conca:2006:BCP

- [550] Carlos Conca, Rafael Orive, and Muthusamy Vanninathan. On Burnett coefficients in periodic media. *Journal of Mathematical Physics*, 47(3):032902, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032902_s1.

Carozzi:2006:RIS

- [551] T. D. Carozzi and J. E. S. Bergman. Real irreducible sesquilinear-quadratic tensor concomitants of complex bivectors. *Journal of Mathematical Physics*, 47(3):032903, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032903_s1. See publisher's note [630].

Blaszak:2006:SSI

- [552] Maciej Blaszak and Krzysztof Marciniak. From Stäckel systems to integrable hierarchies of PDE's: Benenti class of separation relations. *Journal of Mathematical Physics*, 47(3):032904, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p032904_s1.

Hassaine:2006:EKG

- [553] Mokhtar Hassaine. Extended Klein–Gordon action, gravity and nonrelativistic fluid. *Journal of Mathematical Physics*, 47(3):033101, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033101_s1. See [553].

Asch:2006:STR

- [554] J. Asch, M. A. Astaburuaga, P. Briet, V. H. Cortés, P. Duclos, and C. Fernández. Sojourn time for rank one perturbations. *Journal of Mathematical Physics*, 47(3):033501, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033501_s1.

Kalnins:2006:EQS

- [555] E. G. Kalnins, W. Miller, and G. S. Pogosyan. Exact and quasiexact solvability of second-order superintegrable quantum systems: I. Euclidean space preliminaries. *Journal of Mathematical Physics*, 47(3):033502, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033502_s1.

Engman:2006:ISG

- [556] Martin Engman and Ricardo Cordero-Soto. Intrinsic spectral geometry of the Kerr–Newman event horizon. *Journal of Mathematical Physics*, 47(3):033503, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033503_s1.

Misra:2006:FEU

- [557] Aalok Misra. Flow equations for uplifting half-flat to Spin(7) manifolds. *Journal of Mathematical Physics*, 47(3):033504, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033504_s1.

Scholz:2006:NZP

- [558] Daniel Scholz and Michael Weyrauch. A note on the Zassenhaus product formula. *Journal of Mathematical Physics*, 47(3):033505, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033505_s1.

Maceda:2006:BSP

- [559] M. Maceda. On the Birman–Schwinger principle applied to $\sqrt{-\Delta + m^2} - m$. *Journal of Mathematical Physics*, 47(3):033506, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033506_s1.

Pechen:2006:MCF

- [560] A. N. Pechen. The multitime correlation functions, free white noise, and the generalized Poisson statistics in the low density limit. *Journal of Mathematical Physics*, 47(3):033507, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033507_s1.

Negro:2006:AGT

- [561] J. Negro, M. A. del Olmo, and J. Tosiek. Anyons, group theory and planar physics. *Journal of Mathematical Physics*, 47(3):033508, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033508_s1.

Nardone:2006:CHS

- [562] Mario Nardone. Certain hidden symmetries of crystals. *Journal of Mathematical Physics*, 47(3):033509, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033509_s1.

Moriya:2006:MPS

- [563] Hajime Moriya. Markov property and strong additivity of von Neumann entropy for graded quantum systems. *Journal of Mathematical Physics*, 47(3):033510, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033510_s1.

Skrypnyk:2006:GQG

- [564] T. Skrypnyk. Generalized quantum Gaudin spin chains, involutive automorphisms and “twisted” classical r -matrices. *Journal of Mathematical Physics*, 47(3):033511, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033511_s1.

Sudo:2006:SDH

- [565] Takahiro Sudo. Symmetries on the discrete Heisenberg group C^* -algebra. *Journal of Mathematical Physics*, 47(3):033512, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033512_s1.

Krasnov:2006:RCT

- [566] Kirill Krasnov and Jorma Louko. $SO_0(1, d+1)$ Racah coefficients: Type I representations. *Journal of Mathematical Physics*, 47(3):033513, March

2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033513_s1.

Biondini:2006:SSK

- [567] Gino Biondini and S. Chakravarty. Soliton solutions of the Kadomtsev–Petviashvili II equation. *Journal of Mathematical Physics*, 47(3):033514, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p033514_s1.

Iacono:2006:CEA

- [568] R. Iacono. Comment on “Exact analytic solutions of nonlinear boundary value problems in fluid mechanics (Blasius equations)”, [J. Math. Phys. **46**, 033101 (2005)]. *Journal of Mathematical Physics*, 47(3):034101, March 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i3/p034101_s1. See [83].

Bergeron:2006:WWT

- [569] H. Bergeron. The Wigner–Weyl transformation and the quantum path integral. *Journal of Mathematical Physics*, 47(4):042101, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042101_s1.

Cassanas:2006:RGF

- [570] Roch Cassanas. Reduced Gutzwiller formula with symmetry: Case of a finite group. *Journal of Mathematical Physics*, 47(4):042102, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042102_s1.

Aguila:2006:RID

- [571] Carlos Angulo Aguila and Stephen Bruce Sontz. Reverse inequalities in μ -deformed Segal–Bargmann analysis. *Journal of Mathematical Physics*, 47(4):042103, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042103_s1.

Yngve:2006:PIC

- [572] Staffan Yngve. Phase-integral calculation of the phase of the regular Coulomb wave function $F_L(\eta, \rho)$. *Journal of Mathematical Physics*, 47(4):

042104, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042104_s1.

Draganescu:2006:MCP

- [573] G. E. Draganescu. Motion of a charged particle in a periodic Aharonov–Bohm potential. *Journal of Mathematical Physics*, 47(4):042105, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042105_s1.

King:2006:NMR

- [574] Christopher King and Nilufer Koldan. New multiplicativity results for qubit maps. *Journal of Mathematical Physics*, 47(4):042106, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042106_s1.

Arvidsson:2006:SSI

- [575] Pär Arvidsson. Superconformal symmetry in the interacting theory of $(2, 0)$ tensor multiplets and self-dual strings. *Journal of Mathematical Physics*, 47(4):042301, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042301_s1.

Lin:2006:FTT

- [576] De-Hone Lin. Friedel theorem for two dimensional relativistic spin-1/2 systems. *Journal of Mathematical Physics*, 47(4):042302, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042302_s1.

Kronthaler:2006:CPW

- [577] Johann Kronthaler. The Cauchy problem for the wave equation in the Schwarzschild geometry. *Journal of Mathematical Physics*, 47(4):042501, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042501_s1.

Anabitarte:2006:STM

- [578] Mariano Anabitarte and Mauricio Bellini. Space–time matter inflation. *Journal of Mathematical Physics*, 47(4):042502, April 2006. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042502_s1.

Hasse:2006:MTA

- [579] Wolfgang Hasse and Volker Perlick. A Morse-theoretical analysis of gravitational lensing by a Kerr–Newman black hole. *Journal of Mathematical Physics*, 47(4):042503, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042503_s1.

Lemos:2006:GMM

- [580] José P. S. Lemos and Vilson T. Zanchin. Gravitational magnetic monopoles and Majumdar–Papapetrou stars. *Journal of Mathematical Physics*, 47(4):042504, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042504_s1.

Christodoulakis:2006:DGS

- [581] T. Christodoulakis, Th. Grammenos, Ch. Helias, P. G. Kevrekidis, and A. Spanou. Decoupling of the general scalar field mode and the solution space for Bianchi type I and V cosmologies coupled to perfect fluid sources. *Journal of Mathematical Physics*, 47(4):042505, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042505_s1.

Calogero:2006:IPI

- [582] F. Calogero and F. Leyvraz. Isochronous and partially isochronous Hamiltonian systems are not rare. *Journal of Mathematical Physics*, 47(4):042901, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042901_s1.

Margetis:2006:LFC

- [583] Dionisios Margetis and Nikos Savva. Low-frequency currents induced in adjacent spherical cells. *Journal of Mathematical Physics*, 47(4):042902, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042902_s1.

Yavari:2006:SMC

- [584] Arash Yavari, Jerrold E. Marsden, and Michael Ortiz. On spatial and material covariant balance laws in elasticity. *Journal of Mathematical*

Physics, 47(4):042903, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042903_s1.

Daskaloyannis:2006:UTC

- [585] C. Daskaloyannis and K. Ypsilantis. Unified treatment and classification of superintegrable systems with integrals quadratic in momenta on a two-dimensional manifold. *Journal of Mathematical Physics*, 47(4):042904, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042904_s1.

Cortes:2006:HTC

- [586] Jorge Cortés and Alexandre M. Vinogradov. Hamiltonian theory of constrained impulsive motion. *Journal of Mathematical Physics*, 47(4):042905, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p042905_s1.

Deryabin:2006:FAL

- [587] Mikhail V. Deryabin and Morten Willatzen. Flow acoustics and linearized equations for ideal barotropic fluid flows. *Journal of Mathematical Physics*, 47(4):043101, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043101_s1.

Freidlin:2006:MRS

- [588] M. I. Freidlin and A. I. Komech. On metastable regimes in stochastic Lamb system. *Journal of Mathematical Physics*, 47(4):043301, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043301_s1.

Bourgade:2006:QEC

- [589] J.-P. Bourgade, P. Degond, F. Méhats, and C. Ringhofer. On quantum extensions to classical spherical harmonics expansion/Fokker–Planck models. *Journal of Mathematical Physics*, 47(4):043302, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043302_s1.

Dai:2006:NVS

- [590] Chao qing Dai and Jie fang Zhang. Novel variable separation solutions and exotic localized excitations via the ETM in nonlinear soliton systems. *Journal of Mathematical Physics*, 47(4):043501, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043501_s1.

Budinich:2006:SFM

- [591] Marco Budinich and Paolo Budinich. A spinorial formulation of the maximum clique problem of a graph. *Journal of Mathematical Physics*, 47(4):043502, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043502_s1.

Milhorat:2006:FFE

- [592] Jean-Louis Milhorat. A formula for the first eigenvalue of the Dirac operator on compact spin symmetric spaces. *Journal of Mathematical Physics*, 47(4):043503, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043503_s1.

Hansen:2006:TFL

- [593] Frank Hansen. Trace functions as Laplace transforms. *Journal of Mathematical Physics*, 47(4):043504, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043504_s1.

Degiovanni:2006:THE

- [594] Luca Degiovanni. Tri-Hamiltonian extensions of separable systems in the plane. *Journal of Mathematical Physics*, 47(4):043505, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043505_s1.

Kirsten:2006:VUP

- [595] Klaus Kirsten, Paul Loya, and Jinsung Park. The very unusual properties of the resolvent, heat kernel, and zeta function for the operator $-d^2/dr^2 - 1/(4r^2)$. *Journal of Mathematical Physics*, 47(4):043506, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043506_s1.

Koca:2006:QRS

- [596] Mehmet Koca, Muataz Al-Barwani, and Ramazan Koç. Quaternionic root systems and subgroups of the $\text{Aut}(F_4)$. *Journal of Mathematical Physics*, 47(4):043507, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043507_s1.

Lyakhovich:2006:BQQ

- [597] S. L. Lyakhovich and A. A. Sharapov. BRST quantization of quasismplectic manifolds and beyond. *Journal of Mathematical Physics*, 47(4):043508, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043508_s1.

Levi:2006:DRP

- [598] Decio Levi and Matteo Petrera. Discrete reductive perturbation technique. *Journal of Mathematical Physics*, 47(4):043509, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043509_s1.

Bertini:2006:EA

- [599] Stefano Bertini, Sergio L. Cacciatori, and Bianca L. Cerchiai. On the Euler angles for $\text{SU}(N)$. *Journal of Mathematical Physics*, 47(4):043510, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043510_s1.

Calzada:2006:SQS

- [600] J. A. Calzada, J. Negro, and M. A. del Olmo. Superintegrable quantum $\mathfrak{u}(3)$ systems and higher rank factorizations. *Journal of Mathematical Physics*, 47(4):043511, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043511_s1.

Patera:2006:DCS

- [601] J. Patera and A. Zaratsyan. Discrete and continuous sine transform generalized to semisimple Lie groups of rank two. *Journal of Mathematical Physics*, 47(4):043512, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043512_s1.

Boyallian:2006:RSF

- [602] Carina Boyallian, Victor G. Kac, Jose I. Liberati, and Alexei Rudakov. Representations of simple finite Lie conformal superalgebras of type W and S . *Journal of Mathematical Physics*, 47(4):043513, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043513_s1.

Kalnins:2006:SOSa

- [603] E. G. Kalnins, J. M. Kress, and W. Miller. Second order superintegrable systems in conformally flat spaces. IV. The classical 3D Stäckel transform and 3D classification theory. *Journal of Mathematical Physics*, 47(4):043514, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043514_s1.

Yilmaz:2006:POM

- [604] Bülent Yilmaz. The performance of the OSRC method for concentric penetrable circular cylinder. *Journal of Mathematical Physics*, 47(4):043515, April 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i4/p043515_s1.

Chen:2006:QEG

- [605] Hao Chen. Quantum entanglement and geometry of determinantal varieties. *Journal of Mathematical Physics*, 47(5):052101, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052101_s1.

Tillman:2006:OAM

- [606] Philip Tillman and George Sparling. Observables of angular momentum as observables on the Fedosov quantized sphere. *Journal of Mathematical Physics*, 47(5):052102, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052102_s1.

Pulvirenti:2006:SEW

- [607] M. Pulvirenti. Semiclassical expansion of Wigner functions. *Journal of Mathematical Physics*, 47(5):052103, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052103_s1.

Dehesa:2006:FID

- [608] J. S. Dehesa, S. López-Rosa, B. Olmos, and R. J. Yáñez. Fisher information of D -dimensional hydrogenic systems in position and momentum spaces. *Journal of Mathematical Physics*, 47(5):052104, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052104_s1.

Mestre:2006:CPF

- [609] Ángela Mestre and Robert Oeckl. Combinatorics of n -point functions via Hopf algebra in quantum field theory. *Journal of Mathematical Physics*, 47(5):052301, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052301_s1.

Adam:2006:INM

- [610] C. Adam, J. Sánchez-Guillén, R. A. Vázquez, and A. Wereszczyński. Investigation of the Nicole model. *Journal of Mathematical Physics*, 47(5):052302, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052302_s1.

Alcalde:2006:TLM

- [611] M. Aparicio Alcalde, G. Flores Hidalgo, and N. F. Svaiter. The two-loop massless $(\lambda/4!)\varphi^4$ model in nontranslational invariant domain. *Journal of Mathematical Physics*, 47(5):052303, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052303_s1.

Hu:2006:QMO

- [612] Yapeng Hu, Weigang Qiu, and Hongbao Zhang. On the quantum mechanics for one photon. *Journal of Mathematical Physics*, 47(5):052304, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052304_s1.

Barrett:2006:NGS

- [613] John W. Barrett and Rachel A. Dawe Martins. Noncommutative geometry and the standard model vacuum. *Journal of Mathematical Physics*, 47(5):052305, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052305_s1.

Kahil:2006:MKK

- [614] M. E. Kahil. Motion in Kaluza–Klein type theories. *Journal of Mathematical Physics*, 47(5):052501, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052501_s1.

Herrera:2006:GRV

- [615] L. Herrera, N. O. Santos, and J. Carot. Gravitational radiation, vorticity and the electric and magnetic part of Weyl tensor. *Journal of Mathematical Physics*, 47(5):052502, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052502_s1.

Melnyk:2006:LCP

- [616] Fabrice Melnyk. Local Cauchy problem for the nonlinear Dirac and Dirac–Klein–Gordon equations on Kerr space–time. *Journal of Mathematical Physics*, 47(5):052503, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052503_s1.

Carminati:2006:DAS

- [617] J. Carminati and A. E. K. Lim. The determination of all syzygies for the dependent polynomial invariants of the Riemann tensor. II. Mixed invariants of even degree in the Ricci spinor. *Journal of Mathematical Physics*, 47(5):052504, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052504_s1.

Zhao:2006:UAN

- [618] Caidi Zhao, Shengfan Zhou, and Xinyuan Liao. Uniform attractors for nonautonomous incompressible non-Newtonian fluid with locally uniform integrable external forces. *Journal of Mathematical Physics*, 47(5):052701, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p052701_s1.

Yang:2006:NEM

- [619] Tong Yang and Hui-Jiang Zhao. A new energy method for the Boltzmann equation. *Journal of Mathematical Physics*, 47(5):053301, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053301_s1.

Ma:2006:SSL

- [620] Wen-Xiu Ma, Xi-Xiang Xu, and Yufeng Zhang. Semidirect sums of Lie algebras and discrete integrable couplings. *Journal of Mathematical Physics*, 47(5):053501, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053501_s1.

Wang:2006:TTD

- [621] Erxiao Wang. Tzitzéica transformation is a dressing action. *Journal of Mathematical Physics*, 47(5):053502, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053502_s1.

Agop:2006:GTF

- [622] M. Agop and I. Gottlieb. Gravitation theory in a fractal space-time. *Journal of Mathematical Physics*, 47(5):053503, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053503_s1.

Dutkay:2006:HSB

- [623] Dorin Ervin Dutkay and Palle E. T. Jorgensen. Hilbert spaces built on a similarity and on dynamical renormalization. *Journal of Mathematical Physics*, 47(5):053504, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053504_s1.

Bakalov:2006:JIV

- [624] Bojko Bakalov and Nikolay M. Nikolov. Jacobi identity for vertex algebras in higher dimensions. *Journal of Mathematical Physics*, 47(5):053505, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053505_s1.

Douglas:2006:FDR

- [625] Andrew Douglas. Finite dimensional representations of the Euclidean algebra $\mathfrak{sl}(2, \mathbb{C})$ having two generators. *Journal of Mathematical Physics*, 47(5):053506, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053506_s1.

Mada:2006:ECB

- [626] Jun Mada, Makoto Idzumi, and Tetsuji Tokihiro. The exact correspondence between conserved quantities of a periodic box-ball system and

string solutions of the Bethe ansatz equations. *Journal of Mathematical Physics*, 47(5):053507, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053507_s1.

Abdesselam:2006:NSP

- [627] B. Abdesselam and A. Chakrabarti. Nested sequence of projectors. II. Multiparameter multistate statistical models, Hamiltonians, S -matrices. *Journal of Mathematical Physics*, 47(5):053508, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p053508_s1.

Bjerklov:2006:PNP

- [628] Kristian Bjerklov. Publisher's note: "Positive Lyapunov exponents for continuous quasiperiodic Schrödinger equations", [*J. Math. Phys.* **47**, 022702 (2006)]. *Journal of Mathematical Physics*, 47(5):059901, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p059901_s1. See [518].

Sundkvist:2006:PNC

- [629] David Sundkvist. Publisher's note: "Covariant irreducible parametrization of electromagnetic fields in arbitrary space-time", [*J. Math. Phys.* **47**, 012901 (2006)]. *Journal of Mathematical Physics*, 47(5):059902, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p059902_s1. See [482].

Carozzi:2006:PNR

- [630] T. D. Carozzi and J. E. S. Bergman. Publisher's note: "Real irreducible sesquilinear-quadratic tensor concomitants of complex bivectors", [*J. Math. Phys.* **47**, 032903 (2006)]. *Journal of Mathematical Physics*, 47(5):059903, May 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i5/p059903_s1. See [551].

Boscain:2006:TMT

- [631] Ugo Boscain and Paolo Mason. Time minimal trajectories for a spin $1/2$ particle in a magnetic field. *Journal of Mathematical Physics*, 47(6):062101, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062101_s1.

Killip:2006:ARF

- [632] Rowan Killip and Robert Sims. Absence of reflection as a function of the coupling constant. *Journal of Mathematical Physics*, 47(6):062102, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062102_s1.

Khare:2006:CPP

- [633] Avinash Khare and Uday Sukhatme. Complex periodic potentials with a finite number of band gaps. *Journal of Mathematical Physics*, 47(6):062103, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062103_s1.

Beneduci:2006:GCC

- [634] Roberto Beneduci. A geometrical characterization of commutative positive operator valued measures. *Journal of Mathematical Physics*, 47(6):062104, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062104_s1.

DAndrea:2006:SGM

- [635] Francesco D'Andrea. Spectral geometry of κ -Minkowski space. *Journal of Mathematical Physics*, 47(6):062105, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062105_s1.

Bravyi:2006:GEY

- [636] Sergey Bravyi, David Fattal, and Daniel Gottesman. GHZ extraction yield for multipartite stabilizer states. *Journal of Mathematical Physics*, 47(6):062106, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062106_s1.

Albeverio:2006:PQS

- [637] S. Albeverio, J. Rezende, and J.-C. Zambrini. Probability and quantum symmetries. II. The Theorem of Noether in quantum mechanics. *Journal of Mathematical Physics*, 47(6):062107, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062107_s1.

Zhixiang:2006:WHA

- [638] Wu Zhixiang. The weak Hopf algebras related to generalized Kac–Moody algebra. *Journal of Mathematical Physics*, 47(6):062108, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062108_s1.

Liverts:2006:ACE

- [639] E. Z. Liverts, V. B. Mandelzweig, and F. Tabakin. Analytic calculation of energies and wave functions of the quartic and pure quartic oscillators. *Journal of Mathematical Physics*, 47(6):062109, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062109_s1.

Villegas-Blas:2006:BTR

- [640] Carlos Villegas-Blas. The Bargmann transform and regularization of the 2, 3, 5-dimensional Kepler problem. *Journal of Mathematical Physics*, 47(6):062110, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062110_s1.

Boztosun:2006:AIM

- [641] I. Boztosun, M. Karakoc, F. Yasuk, and A. Durmus. Asymptotic iteration method solutions to the relativistic Duffin–Kemmer–Petiau equation. *Journal of Mathematical Physics*, 47(6):062301, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062301_s1.

Suzuki:2006:MAF

- [642] Ryo Suzuki and Yuji Tachikawa. More anomaly free models of six-dimensional gauged supergravity. *Journal of Mathematical Physics*, 47(6):062302, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062302_s1.

Dolan:2006:CFP

- [643] F. A. Dolan. Character formulas and partition functions in higher dimensional conformal field theory. *Journal of Mathematical Physics*, 47(6):062303, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062303_s1.

Sonego:2006:OGA

- [644] Sebastiano Sonego and Marek A. Abramowicz. Optical geometry analysis of the electromagnetic self-force. *Journal of Mathematical Physics*, 47(6):062501, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062501_s1.

Gariel:2006:PSL

- [645] J. Gariel, G. Marilhacy, and N. O. Santos. Parametrization of solutions of the Lewis metric by a Painlevé transcendent III. *Journal of Mathematical Physics*, 47(6):062502, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062502_s1.

Coll:2006:GKC

- [646] Bartolomé Coll, Joan Josep Ferrando, and Juan Antonio Sáez. On the geometry of Killing and conformal tensors. *Journal of Mathematical Physics*, 47(6):062503, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062503_s1.

Derdzinski:2006:WTC

- [647] Andrzej Derdzinski and Witold Roter. Walker's theorem without coordinates. *Journal of Mathematical Physics*, 47(6):062504, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062504_s1. See publisher's note [860].

Gailis:2006:TCC

- [648] R. M. Gailis and N. E. Frankel. Two-component cosmological fluids with gravitational instabilities. *Journal of Mathematical Physics*, 47(6):062505, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062505_s1.

Gailis:2006:SWA

- [649] R. M. Gailis and N. E. Frankel. Short wavelength analysis of the evolution of perturbations in a two-component cosmological fluid. *Journal of Mathematical Physics*, 47(6):062506, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062506_s1.

Vougalter:2006:EZE

- [650] Vitali Vougalter and Dmitry Pelinovsky. Eigenvalues of zero energy in the linearized NLS problem. *Journal of Mathematical Physics*, 47(6):062701, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062701_s1.

Loutsenko:2006:NLG

- [651] Igor Loutsenko and Oksana Yermolayeva. Non-Laplacian growth, algebraic domains, and finite reflection groups. *Journal of Mathematical Physics*, 47(6):062702, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062702_s1.

Diaz-Cano:2006:STD

- [652] A. Díaz-Cano, F. González-Gascón, and D. Peralta-Salas. On scattering trajectories of dynamical systems. *Journal of Mathematical Physics*, 47(6):062703, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062703_s1.

Cacciapuoti:2006:PIA

- [653] C. Cacciapuoti, R. Figari, and A. Posilicano. Point interactions in acoustics: One-dimensional models. *Journal of Mathematical Physics*, 47(6):062901, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062901_s1.

Jollivet:2006:ISM

- [654] Alexandre Jollivet. On inverse scattering for the multidimensional relativistic Newton equation at high energies. *Journal of Mathematical Physics*, 47(6):062902, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062902_s1.

Modugno:2006:CIS

- [655] Marco Modugno, Dirk Saller, and Jürgen Tolksdorf. Classification of infinitesimal symmetries in covariant classical mechanics. *Journal of Mathematical Physics*, 47(6):062903, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062903_s1.

Saenz:2006:PEA

- [656] A. W. Sáenz. Proof of the existence of the axial-to-planar channeling transition in a simple crystal model. *Journal of Mathematical Physics*, 47(6):062904, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p062904_s1. See erratum [1227].

Pavon:2006:EPC

- [657] Michele Pavon and Francesco Ticozzi. On entropy production for controlled Markovian evolution. *Journal of Mathematical Physics*, 47(6):063301, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063301_s1.

Dumitriu:2006:GSF

- [658] Ioana Dumitriu and Alan Edelman. Global spectrum fluctuations for the β -Hermite and β -Laguerre ensembles via matrix models. *Journal of Mathematical Physics*, 47(6):063302, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063302_s1.

Kresic-Juric:2006:BFP

- [659] Sasa Kresić-Jurić. On the Birkhoff factorization problem for the Heisenberg magnet and nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 47(6):063501, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063501_s1.

Bogoyavlenskij:2006:BDP

- [660] Oleg I. Bogoyavlenskij. Block-diagonalizability problem for hydrodynamic type systems. *Journal of Mathematical Physics*, 47(6):063502, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063502_s1.

Shu:2006:NSE

- [661] J. Shu and J. Zhang. Nonlinear Schrödinger equation with harmonic potential. *Journal of Mathematical Physics*, 47(6):063503, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063503_s1.

Chamseddine:2006:SIS

- [662] Ali H. Chamseddine and Alain Connes. Scale invariance in the spectral action. *Journal of Mathematical Physics*, 47(6):063504, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063504_s1.

Lima:2006:CGC

- [663] I. Sánchez Lima and P. O. Hess. Clebsch–Gordan coefficients for $U(8) \supset O(8) \supset SU(3)$. *Journal of Mathematical Physics*, 47(6):063505, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063505_s1.

Szmytkowski:2006:CFG

- [664] Radoslaw Szmytkowski. Closed form of the generalized Green’s function for the Helmholtz operator on the two-dimensional unit sphere. *Journal of Mathematical Physics*, 47(6):063506, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063506_s1.

Ruzzi:2006:JFD

- [665] M. Ruzzi. Jacobi ϑ -functions and discrete Fourier transforms. *Journal of Mathematical Physics*, 47(6):063507, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063507_s1.

Prinari:2006:IST

- [666] Barbara Prinari, Mark J. Ablowitz, and Gino Biondini. Inverse scattering transform for the vector nonlinear Schrödinger equation with non-vanishing boundary conditions. *Journal of Mathematical Physics*, 47(6):063508, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063508_s1.

Skrypnyk:2006:MNA

- [667] T. Skrypnyk. Modified non-Abelian Toda field equations and twisted quasigraded Lie algebras. *Journal of Mathematical Physics*, 47(6):063509, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p063509_s1.

Kong:2006:EET

- [668] De-Xing Kong, Qing-You Sun, and Yi Zhou. Erratum: “The equation for time-like extremal surfaces in Minkowski space \mathbf{R}^{2+n} ”, [J. Math. Phys. **47**, 013503 (2006)]. *Journal of Mathematical Physics*, 47(6):069901, June 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i6/p069901_s1. See erratum [?].

Torrome:2006:FVH

- [669] Ricardo Gallego Torrome. A Finslerian version of 't Hooft deterministic quantum models. *Journal of Mathematical Physics*, 47(7):072101, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072101_s1.

DellAntonio:2006:QGH

- [670] Gianfausto Dell'Antonio and Lucattilio Tenuta. Quantum graphs as holonomic constraints. *Journal of Mathematical Physics*, 47(7):072102, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072102_s1.

Mostafazadeh:2006:DRP

- [671] Ali Mostafazadeh. Differential realization of pseudo-Hermiticity: a quantum mechanical analog of Einstein's field equation. *Journal of Mathematical Physics*, 47(7):072103, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072103_s1.

Kiukas:2006:PSQ

- [672] J. Kiukas, P. Lahti, and K. Ylisen. Phase space quantization and the operator moment problem. *Journal of Mathematical Physics*, 47(7):072104, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072104_s1.

Aerts:2006:RSP

- [673] D. Aerts and S. Pulmannová. Representation of state property systems. *Journal of Mathematical Physics*, 47(7):072105, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072105_s1.

Kachmar:2006:GSE

- [674] Ayman Kachmar. On the ground state energy for a magnetic Schrödinger operator and the effect of the DeGennes boundary condition. *Journal of Mathematical Physics*, 47(7):072106, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072106_s1. See erratum [900].

Bingol:2006:SGT

- [675] Elif Bingol, Burak Tevfik Kaynak, and O. Teoman Turgut. Scalar gauge theory on a cylinder. *Journal of Mathematical Physics*, 47(7):072301, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072301_s1.

Korner:2006:LSE

- [676] J. G. Körner, Z. Merebashvili, and M. Rogal. Laurent series expansion of a class of massive scalar one-loop integrals up to $O(\varepsilon^2)$ in terms of multiple polylogarithms. *Journal of Mathematical Physics*, 47(7):072302, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072302_s1.

Poplawski:2006:MIF

- [677] Nikodem J. Poplawski. A Michelson interferometer in the field of a plane gravitational wave. *Journal of Mathematical Physics*, 47(7):072501, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072501_s1.

Montanus:2006:OPA

- [678] J. M. C. Montanus. The orbital precession around oblate spheroids. *Journal of Mathematical Physics*, 47(7):072502, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072502_s1.

Kim:2006:PTC

- [679] Do-Hyung Kim. The path topology and the causal completion. *Journal of Mathematical Physics*, 47(7):072503, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072503_s1.

Marques:2006:GAB

- [680] Geusa de A. Marques, Sandro G. Fernandes, and V. B. Bezerra. Gravitational Aharonov–Bohm effect due to weak fields. *Journal of Mathematical Physics*, 47(7):072504, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072504_s1.

Bernardi:2006:PBP

- [681] Olga Bernardi and Franco Cardin. Poincaré–Birkhoff periodic orbits for mechanical Hamiltonian systems on $T^*\mathbf{T}^n$. *Journal of Mathematical Physics*, 47(7):072701, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072701_s1.

Gentile:2006:QAB

- [682] Guido Gentile, Michele V. Bartuccelli, and Jonathan H. B. Deane. Quasiperiodic attractors, Borel summability and the Bryuno condition for strongly dissipative systems. *Journal of Mathematical Physics*, 47(7):072702, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072702_s1.

Dejak:2006:LTD

- [683] S. I. Dejak and B. L. G. Jonsson. Long-time dynamics of variable coefficient modified Korteweg–de Vries solitary waves. *Journal of Mathematical Physics*, 47(7):072703, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072703_s1.

Juang:2006:EPT

- [684] Jonq Juang and Chin-Lung Li. Eigenvalue problems and their application to the wavelet method of chaotic control. *Journal of Mathematical Physics*, 47(7):072704, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072704_s1.

Drezet:2006:DLP

- [685] A. Drezet, J. C. Woehl, and S. Huant. Diffraction of light by a planar aperture in a metallic screen. *Journal of Mathematical Physics*, 47(7):072901, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072901_s1.

Ferreira:2006:EAE

- [686] P. Castelo Ferreira. Explicit actions for electromagnetism with two gauge fields with only one electric and one magnetic physical field. *Journal of Mathematical Physics*, 47(7):072902, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p072902_s1.

Bezuglyy:2006:GOU

- [687] V. Bezuglyy, B. Mehlig, M. Wilkinson, K. Nakamura, and E. Arvedson. Generalized Ornstein–Uhlenbeck processes. *Journal of Mathematical Physics*, 47(7):073301, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073301_s1.

Haba:2006:HED

- [688] Z. Haba. Heat equilibrium distribution in a turbulent flow. *Journal of Mathematical Physics*, 47(7):073302, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073302_s1.

DeRoeck:2006:QME

- [689] Wojciech De Roeck, Christian Maes, and Karel Netocný. Quantum macrostates, equivalence of ensembles, and an H -theorem. *Journal of Mathematical Physics*, 47(7):073303, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073303_s1.

Torre:2006:USH

- [690] C. G. Torre. Uniqueness of solutions to the helically reduced wave equation with Sommerfeld boundary conditions. *Journal of Mathematical Physics*, 47(7):073501, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073501_s1.

Furuya:2006:FPI

- [691] Kiyoko Furuya. Feynman path integral of Riemann type. *Journal of Mathematical Physics*, 47(7):073502, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073502_s1.

Nikolov:2006:DRD

- [692] Petko A. Nikolov and Gergana R. Ruseva. Dimensional reduction of Dirac operator. *Journal of Mathematical Physics*, 47(7):073503, July

2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073503_s1.

Gordoa:2006:SFP

- [693] Pilar R. Gordoa, Nalini Joshi, and Andrew Pickering. Second and fourth Painlevé hierarchies and Jimbo–Miwa linear problems. *Journal of Mathematical Physics*, 47(7):073504, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073504_s1.

Maltsev:2006:WSD

- [694] A. Ya. Maltsev. Whitham systems and deformations. *Journal of Mathematical Physics*, 47(7):073505, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073505_s1.

Chanu:2006:GCK

- [695] C. Chanu, L. Degiovanni, and R. G. McLenaghan. Geometrical classification of Killing tensors on bidimensional flat manifolds. *Journal of Mathematical Physics*, 47(7):073506, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073506_s1.

Menezes:2006:SQT

- [696] G. Menezes and N. F. Svaiter. Stochastic quantization of topological field theory: Generalized Langevin equation with memory kernel. *Journal of Mathematical Physics*, 47(7):073507, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073507_s1.

Chang-Young:2006:SQT

- [697] Ee Chang-Young and Hoil Kim. Symmetry of quantum torus with crossed product algebra. *Journal of Mathematical Physics*, 47(7):073508, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073508_s1.

Hernandez:2006:GMO

- [698] Antonio E. Cárcamo Hernández. The Gell-Mann–Okubo and Coleman–Glashow relations for octet and decuplet baryons in the $SU_q(3)$ quantum algebra. *Journal of Mathematical Physics*, 47(7):073509, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073509_s1.

Thylwe:2006:SVP

- [699] Karl-Erik Thylwe, Staffan Yngve, and Per Olof Fröman. Study of the validity of the phase-integral connection formula for potential barriers of arbitrary thickness. *Journal of Mathematical Physics*, 47(7):073510, July 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i7/p073510_s1.

Dias:2006:CSE

- [700] N. C. Dias, A. Miković, and J. N. Prata. Coherent states expectation values as semiclassical trajectories. *Journal of Mathematical Physics*, 47(8):082101, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082101_s1.

Janzing:2006:MDH

- [701] Dominik Janzing and Thomas Decker. Minimally disturbing Heisenberg–Weyl symmetric measurements using hard-core collisions of Schrödinger particles. *Journal of Mathematical Physics*, 47(8):082102, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082102_s1.

Miyamoto:2006:ZER

- [702] Manabu Miyamoto. Zero energy resonance and the logarithmically slow decay of unstable multilevel systems. *Journal of Mathematical Physics*, 47(8):082103, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082103_s1.

Guo:2006:SPA

- [703] Xiaoyi Guo and Mingyu Xu. Some physical applications of fractional Schrödinger equation. *Journal of Mathematical Physics*, 47(8):082104, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082104_s1.

Golovnev:2006:TLQ

- [704] Alexey V. Golovnev. Thin layer quantization in higher dimensions and codimensions. *Journal of Mathematical Physics*, 47(8):082105, August

2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082105_s1.

DeLeo:2006:APW

- [705] Stefano De Leo, Gisele C. Ducati, and Tiago M. Madureira. Analytic plane wave solutions for the quaternionic potential step. *Journal of Mathematical Physics*, 47(8):082106, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082106_s1.

Damak:2006:TAS

- [706] Mondher Damak, Marius Mantoiu, and Rafael Tiedra de Aldecoa. Toeplitz algebras and spectral results for the one-dimensional Heisenberg model. *Journal of Mathematical Physics*, 47(8):082107, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082107_s1.

Kerimov:2006:GTA

- [707] G. A. Kerimov and A. Ventura. Group-theoretical approach to reflectionless potentials. *Journal of Mathematical Physics*, 47(8):082108, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082108_s1.

DAlessandro:2006:DUE

- [708] Domenico D'Alessandro and Raffaele Romano. Decompositions of unitary evolutions and entanglement dynamics of bipartite quantum systems. *Journal of Mathematical Physics*, 47(8):082109, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082109_s1.

Altunkaynak:2006:FMD

- [709] Baris Altunkaynak, Fatih Erman, and O. Teoman Turgut. Finitely many Dirac-delta interactions on Riemannian manifolds. *Journal of Mathematical Physics*, 47(8):082110, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082110_s1.

Batra:2006:AFS

- [710] Puneet Batra, Bogdan A. Dobrescu, and David Spivak. Anomaly-free sets of fermions. *Journal of Mathematical Physics*, 47(8):082301, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082301_s1.

Yasuk:2006:EAS

- [711] F. Yasuk, A. Durmus, and I. Boztosun. Exact analytical solution to the relativistic Klein–Gordon equation with noncentral equal scalar and vector potentials. *Journal of Mathematical Physics*, 47(8):082302, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082302_s1.

Fewster:2006:QEI

- [712] Christopher J. Fewster and Michael J. Pfenning. Quantum energy inequalities and local covariance. I. Globally hyperbolic spacetimes. *Journal of Mathematical Physics*, 47(8):082303, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082303_s1.

Hadasz:2006:LTU

- [713] Leszek Hadasz and Zbigniew Jaskólski. Liouville theory and uniformization of four-punctured sphere. *Journal of Mathematical Physics*, 47(8):082304, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082304_s1.

Tolksdorf:2006:GTD

- [714] Jürgen Tolksdorf and Torsten Thumstädter. Gauge theories of Dirac type. *Journal of Mathematical Physics*, 47(8):082305, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082305_s1.

Prikas:2006:SST

- [715] Athanasios Prikas. q stars in scalar-tensor gravitational theories in extra dimensions. *Journal of Mathematical Physics*, 47(8):082501, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082501_s1.

Shieh:2006:MAW

- [716] Shih-Feng Shieh, Yiqian Wang, Guowei Wei, and Choy-Heng Lai. Mathematical analysis of the wavelet method of chaos control. *Journal of Mathematical Physics*, 47(8):082701, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082701_s1.

Calogero:2006:GGT

- [717] F. Calogero and E. Langmann. Goldfishing by gauge theory. *Journal of Mathematical Physics*, 47(8):082702, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082702_s1.

Cuccu:2006:OPE

- [718] F. Cuccu, B. Emamizadeh, and G. Porru. Optimization problems for an elastic plate. *Journal of Mathematical Physics*, 47(8):082901, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082901_s1.

Draganescu:2006:AVI

- [719] G. E. Draganescu. Application of a variational iteration method to linear and nonlinear viscoelastic models with fractional derivatives. *Journal of Mathematical Physics*, 47(8):082902, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082902_s1.

Pasquero:2006:SPU

- [720] Stefano Pasquero. On the simultaneous presence of unilateral and kinetic constraints in time-dependent impulsive mechanics. *Journal of Mathematical Physics*, 47(8):082903, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p082903_s1.

Wang:2006:NSB

- [721] Weike Wang, Tong Yang, and Xiongfeng Yang. Nonlinear stability of boundary layers of the Boltzmann equation for cutoff hard potentials. *Journal of Mathematical Physics*, 47(8):083301, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083301_s1.

Ali:2006:SQP

- [722] Abdulmuhsen H. Ali. Statistical quantum probabilities in coherent bosonic and fermionic states. *Journal of Mathematical Physics*, 47(8):083302, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083302_s1.

Celik:2006:CCQ

- [723] Salih Çelik. Cartan calculi on the quantum superplane. *Journal of Mathematical Physics*, 47(8):083501, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083501_s1.

Papageorgiou:2006:YBM

- [724] Vassilios G. Papageorgiou, Anastasios G. Tongas, and Alexander P. Veselov. Yang–Baxter maps and symmetries of integrable equations on quad-graphs. *Journal of Mathematical Physics*, 47(8):083502, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083502_s1.

Jiang:2006:NMS

- [725] Bin Jiang, Yushun Wang, and Jiaxiang Cai. A new multisymplectic scheme for generalized Kadomtsev–Petviashvili equation. *Journal of Mathematical Physics*, 47(8):083503, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083503_s1.

Barletta:2006:YMF

- [726] Elisabetta Barletta, Sorin Dragomir, and Hajime Urakawa. Yang–Mills fields on CR manifolds. *Journal of Mathematical Physics*, 47(8):083504, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083504_s1.

Keller:2006:UQF

- [727] Jaime Keller and Peter Weinberger. The use of quadratic forms in the calculation of ground state electronic structures. *Journal of Mathematical Physics*, 47(8):083505, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083505_s1.

Perez-Garcia:2006:CPT

- [728] David Pérez-García, Michael M. Wolf, Denes Petz, and Mary Beth Ruskai. Contractivity of positive and trace-preserving maps under L_p norms. *Journal of Mathematical Physics*, 47(8):083506, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083506_s1.

Daboul:2006:CBS

- [729] Jamil Daboul. Contraction of broken symmetries via Kac–Moody formalism. *Journal of Mathematical Physics*, 47(8):083507, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083507_s1.

Guo:2006:EWS

- [730] Boling Guo and Daiwen Huang. Existence of weak solutions and trajectory attractors for the moist atmospheric equations in geophysics. *Journal of Mathematical Physics*, 47(8):083508, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083508_s1.

Strumia:2006:WPF

- [731] Alberto Strumia. Waves, particles, and field dynamics. *Journal of Mathematical Physics*, 47(8):083509, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083509_s1.

Dita:2006:SUM

- [732] Petre Dita. Separation of unistochastic matrices from the double stochastic ones: Recovery of a 3×3 unitary matrix from experimental data. *Journal of Mathematical Physics*, 47(8):083510, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083510_s1.

Briet:2006:DEP

- [733] Philippe Briet, Horia D. Cornean, and Delphine Louis. Diamagnetic expansions for perfect quantum gases. *Journal of Mathematical Physics*, 47(8):083511, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083511_s1.

Alonso:2006:SEW

- [734] Luis Martínez Alonso, Elena Medina, and Manuel Mañas. String equations in Whitham hierarchies: τ -functions and Virasoro constraints. *Journal of Mathematical Physics*, 47(8):083512, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083512_s1.

Wu:2006:STC

- [735] Chao-Zhong Wu. On solutions of the two-component Camassa–Holm system. *Journal of Mathematical Physics*, 47(8):083513, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083513_s1.

Abe:2006:ERQ

- [736] Yuuki Abe and Toshiki Nakashima. Evaluation representations of quantum affine algebras at roots of unity. *Journal of Mathematical Physics*, 47(8):083514, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083514_s1.

Cao:2006:MTA

- [737] Xifang Cao, Hongyou Wu, and Chuanyou Xu. On Miura transformations among nonlinear partial differential equations. *Journal of Mathematical Physics*, 47(8):083515, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083515_s1.

Cognola:2006:HKE

- [738] Guido Cognola, Emilio Elizalde, and Sergio Zerbini. Heat-kernel expansion on noncompact domains and a generalized zeta-function regularization procedure. *Journal of Mathematical Physics*, 47(8):083516, August 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i8/p083516_s1.

Mostafazadeh:2006:WPH

- [739] Ali Mostafazadeh. Is weak pseudo-Hermiticity weaker than pseudo-Hermiticity? *Journal of Mathematical Physics*, 47(9):092101, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092101_s1.

Nagaj:2006:OQE

- [740] Daniel Nagaj and Iordanis Kerenidis. On the optimality of quantum encryption schemes. *Journal of Mathematical Physics*, 47(9):092102, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092102_s1.

Zafiris:2006:STR

- [741] Elias Zafiris. Sheaf-theoretic representation of quantum measure algebras. *Journal of Mathematical Physics*, 47(9):092103, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092103_s1.

Vourdas:2006:GQS

- [742] A. Vourdas. Galois quantum systems, irreducible polynomials and Riemann surfaces. *Journal of Mathematical Physics*, 47(9):092104, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092104_s1.

Viennot:2006:MMQ

- [743] David Viennot. Magnetic monopoles in quantum adiabatic dynamics and the immersion property of the control manifold. *Journal of Mathematical Physics*, 47(9):092105, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092105_s1.

Nasiri:2006:PSQ

- [744] S. Nasiri, Y. Sobouti, and F. Taati. Phase space quantum mechanics — Direct. *Journal of Mathematical Physics*, 47(9):092106, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092106_s1.

Chiribella:2006:ECM

- [745] Giulio Chiribella and Giacomo Mauro D’Ariano. Extremal covariant measurements. *Journal of Mathematical Physics*, 47(9):092107, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092107_s1.

Yamashita:2006:PAS

- [746] Hideyasu Yamashita. Pointwise analysis of scalar fields: A nonstandard approach. *Journal of Mathematical Physics*, 47(9):092301, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092301_s1. See comment [1157].

Tureanu:2006:ASA

- [747] Anca Tureanu. Analyticity of the scattering amplitude, causality, and high-energy bounds in quantum field theory on noncommutative space-time. *Journal of Mathematical Physics*, 47(9):092302, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092302_s1.

Duan:2006:HDK

- [748] Yi shi Duan, Shao feng Wu, and Peng ming Zhang. Higher-dimensional knotlike topological defects in local non-Abelian topological tensor currents. *Journal of Mathematical Physics*, 47(9):092303, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092303_s1.

Braun:2006:BCG

- [749] Volker Braun and Sakura Schäfer-Nameki. D -brane charges in Gepner models. *Journal of Mathematical Physics*, 47(9):092304, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092304_s1.

Unal:2006:EGI

- [750] Nuri Ünal. Electromagnetic and gravitational interactions of the spinning particle. *Journal of Mathematical Physics*, 47(9):092501, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092501_s1.

Papadopoulos:2006:ECR

- [751] G. O. Papadopoulos. On the essential constants in Riemannian geometries. *Journal of Mathematical Physics*, 47(9):092502, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092502_s1.

Gravanis:2006:IHA

- [752] Elias Gravanis and Steven Willison. Intersecting hypersurfaces in anti-de Sitter and Lovelock gravity. *Journal of Mathematical Physics*, 47(9):092503, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092503_s1.

Szablikowski:2006:MLR

- [753] Blazej M. Szablikowski and Maciej Blaszkak. Meromorphic Lax representations of $(1 + 1)$ -dimensional multi-Hamiltonian dispersionless systems. *Journal of Mathematical Physics*, 47(9):092701, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092701_s1.

Tarasov:2006:MDS

- [754] Vasily E. Tarasov. Map of discrete system into continuous. *Journal of Mathematical Physics*, 47(9):092901, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092901_s1.

Khare:2006:DWP

- [755] Avinash Khare and Avadh Saxena. Domain wall and periodic solutions of coupled ϕ^4 models in an external field. *Journal of Mathematical Physics*, 47(9):092902, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p092902_s1.

Humi:2006:SSS

- [756] Mayer Humi. Steady states of self-gravitating incompressible fluid in two dimensions. *Journal of Mathematical Physics*, 47(9):093101, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093101_s1.

Vafeas:2006:SFE

- [757] Panayiotis Vafeas and George Dassios. Stokes flow in ellipsoidal geometry. *Journal of Mathematical Physics*, 47(9):093102, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093102_s1.

Kalnins:2006:SOSb

- [758] E. G. Kalnins, J. M. Kress, and W. Miller. Second-order superintegrable systems in conformally flat spaces. V. Two- and three-dimensional quantum systems. *Journal of Mathematical Physics*, 47(9):093501, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093501_s1.

Atakishiyev:2006:MQO

- [759] M. N. Atakishiyev, N. M. Atakishiyev, and A. U. Klimyk. On $su_q(1, 1)$ -models of quantum oscillator. *Journal of Mathematical Physics*, 47(9):093502, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093502_s1.

Michev:2006:FI

- [760] Iordan P. Michev. On Fay identity. *Journal of Mathematical Physics*, 47(9):093503, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093503_s1.

Vacaru:2006:CFA

- [761] Sergiu I. Vacaru. Clifford–Finsler algebroids and nonholonomic Einstein–Dirac structures. *Journal of Mathematical Physics*, 47(9):093504, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093504_s1.

Smirnov:2006:CSS

- [762] Roman G. Smirnov and Pavel Winternitz. A class of superintegrable systems of Calogero type. *Journal of Mathematical Physics*, 47(9):093505, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093505_s1. See erratum [1118].

Stuchi:2006:NTB

- [763] T. J. Stuchi, A. López-Castillo, and M. A. Almeida. Nonintegrability of the three-body problems for the classical helium atom. *Journal of*

Mathematical Physics, 47(9):093506, September 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i9/p093506_s1.

Gonul:2006:ESD

- [764] B. Gönül and M. Koçak. Explicit solutions for N -dimensional Schrödinger equations with position-dependent mass. *Journal of Mathematical Physics*, 47(10):102101, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102101_s1.

Odake:2006:UTA

- [765] Satoru Odake and Ryu Sasaki. Unified theory of annihilation-creation operators for solvable (“discrete”) quantum mechanics. *Journal of Mathematical Physics*, 47(10):102102, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102102_s1.

Yuan:2006:NIP

- [766] Li Yuan and Hong-Ke Du. A note on the infimum problem of Hilbert space effects. *Journal of Mathematical Physics*, 47(10):102103, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102103_s1. See comment [1236].

DeLeo:2006:QDP

- [767] Stefano De Leo and Gisele C. Ducati. Quaternionic diffusion by a potential step. *Journal of Mathematical Physics*, 47(10):102104, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102104_s1.

Donnelly:2006:RCF

- [768] Harold Donnelly. Resonance counting function in black box scattering. *Journal of Mathematical Physics*, 47(10):102105, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102105_s1.

Hikami:2006:QIM

- [769] Kazuhiro Hikami. Quantum invariants, modular forms, and lattice points II. *Journal of Mathematical Physics*, 47(10):102301, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102301_s1.

Bowman:2006:CQL

- [770] Daniel A. Bowman and John L. Challifour. Canonical quantization of lattice Higgs–Maxwell–Chern–Simons fields: Krein self-adjointness. *Journal of Mathematical Physics*, 47(10):102302, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102302_s1.

Bandelloni:2006:LCD

- [771] G. Bandelloni and S. Lazzarini. Large chiral diffeomorphisms on Riemann surfaces and W -algebras. *Journal of Mathematical Physics*, 47(10):102303, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102303_s1.

Noui:2006:TDL

- [772] Karim Noui. Three-dimensional loop quantum gravity: Particles and the quantum double. *Journal of Mathematical Physics*, 47(10):102501, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102501_s1.

Christodoulakis:2006:ACS

- [773] T. Christodoulakis and Petros A. Terzis. Automorphisms and a cartography of the solution space for vacuum Bianchi cosmologies: The Type III case. *Journal of Mathematical Physics*, 47(10):102502, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102502_s1.

Winklmeier:2006:SAR

- [774] Monika Winklmeier and Osanobu Yamada. Spectral analysis of radial Dirac operators in the Kerr–Newman metric and its applications to time-periodic solutions. *Journal of Mathematical Physics*, 47(10):102503, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102503_s1.

Natorf:2006:SRT

- [775] W. Natorf and J. Tafel. Symmetries of the Robinson–Trautman equation. *Journal of Mathematical Physics*, 47(10):102504, October 2006.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102504_s1.

Bruschi:2006:GNS

- [776] M. Bruschi and F. Calogero. Goldfishing: A new solvable many-body problem. *Journal of Mathematical Physics*, 47(10):102701, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102701_s1.

Chen:2006:KFD

- [777] Yu-Tung Chen and Ming-Hsien Tu. On kernel formulas and dispersionless Hirota equations of the extended dispersionless BKP hierarchy. *Journal of Mathematical Physics*, 47(10):102702, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102702_s1.

Pitkonen:2006:PDD

- [778] Mikko Pitkonen. Polarizability of the dielectric double-sphere. *Journal of Mathematical Physics*, 47(10):102901, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p102901_s1.

Chen:2006:CRM

- [779] Yong Chen, Min-Ping Qian, and Jian-Sheng Xie. On characterization of reversible Markov processes by monotonicity of the fluctuation spectral density. *Journal of Mathematical Physics*, 47(10):103301, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103301_s1.

Assis:2006:NDE

- [780] P. C. Assis, P. C. da Silva, L. R. da Silva, E. K. Lenzi, and M. K. Lenzi. Nonlinear diffusion equation and nonlinear external force: Exact solution. *Journal of Mathematical Physics*, 47(10):103302, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103302_s1.

Pastur:2006:LLL

- [781] L. Pastur. Limiting laws of linear eigenvalue statistics for Hermitian matrix models. *Journal of Mathematical Physics*, 47(10):103303, Octo-

ber 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103303_s1.

Lueck:2006:ECR

- [782] T. Lueck, H.-J. Sommers, and M. R. Zirnbauer. Energy correlations for a random matrix model of disordered bosons. *Journal of Mathematical Physics*, 47(10):103304, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103304_s1.

Barra:2006:OFB

- [783] Adriano Barra and Luca De Sanctis. Overlap fluctuations from the Boltzmann random overlap structure. *Journal of Mathematical Physics*, 47(10):103305, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103305_s1.

Dey:2006:GPM

- [784] Rukmini Dey. Geometric prequantization of the moduli space of the vortex equations on a Riemann surface. *Journal of Mathematical Physics*, 47(10):103501, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103501_s1. See erratum [2141].

Li:2006:RSS

- [785] Wei Li. Removable singularities for solutions of coupled Yang–Mills–Dirac equations. *Journal of Mathematical Physics*, 47(10):103502, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103502_s1. See comment [1116].

Baleanu:2006:FHA

- [786] Dumitru Baleanu, Sami I. Muslih, and Kenan Tas. Fractional Hamiltonian analysis of higher order derivatives systems. *Journal of Mathematical Physics*, 47(10):103503, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103503_s1.

Romera:2006:URF

- [787] Elvira Romera, P. Sánchez-Moreno, and J. S. Dehesa. Uncertainty relation for Fisher information of D -dimensional single-particle systems with

central potentials. *Journal of Mathematical Physics*, 47(10):103504, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103504_s1.

Matsuno:2006:LSS

- [788] Yoshimasa Matsuno. The Lyapunov stability of the N -soliton solutions in the Lax hierarchy of the Benjamin–Ono equation. *Journal of Mathematical Physics*, 47(10):103505, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103505_s1.

Langer:2006:VPE

- [789] Matthias Langer and Christiane Tretter. Variational principles for eigenvalues of the Klein–Gordon equation. *Journal of Mathematical Physics*, 47(10):103506, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103506_s1.

Ferapontov:2006:CIH

- [790] E. V. Ferapontov, K. R. Khusnutdinova, D. G. Marshall, and M. V. Pavlov. Classification of integrable Hamiltonian hydrodynamic chains associated with Kupershmidt’s brackets. *Journal of Mathematical Physics*, 47(10):103507, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103507_s1.

Aldridge:2006:EAI

- [791] J. E. Aldridge, G. E. Prince, W. Sarlet, and G. Thompson. An EDS approach to the inverse problem in the calculus of variations. *Journal of Mathematical Physics*, 47(10):103508, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103508_s1.

Winternitz:2006:ISS

- [792] Pavel Winternitz and Ismet Yurdusen. Integrable and superintegrable systems with spin. *Journal of Mathematical Physics*, 47(10):103509, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103509_s1.

Kasman:2006:WNP

- [793] Alex Kasman and Stéphane Lafortune. When is negativity not a problem for the ultradiscrete limit? *Journal of Mathematical Physics*, 47(10):103510, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103510_s1.

Dancer:2006:RQD

- [794] K. A. Dancer, P. S. Isaac, and J. Links. Representations of the quantum doubles of finite group algebras and spectral parameter dependent solutions of the Yang–Baxter equation. *Journal of Mathematical Physics*, 47(10):103511, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103511_s1.

Park:2006:IBT

- [795] Choonkil Park. Isomorphisms between C^* -ternary algebras. *Journal of Mathematical Physics*, 47(10):103512, October 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i10/p103512_s1.

Brunner:2006:BTI

- [796] Nicolas Brunner, Valerio Scarani, and Nicolas Gisin. Bell-type inequalities for nonlocal resources. *Journal of Mathematical Physics*, 47(11):112101, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112101_s1.

Bracci:2006:WAS

- [797] L. Bracci and L. E. Picasso. On the Weyl algebras for systems with semibounded and bounded configuration space. *Journal of Mathematical Physics*, 47(11):112102, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112102_s1.

Borges:2006:SBS

- [798] P. F. Borges, H. Boschi-Filho, and A. N. Vaidya. Scattering and bound state Green’s functions on a plane via $so(2,1)$ Lie algebra. *Journal of Mathematical Physics*, 47(11):112103, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112103_s1.

Bolte:2006:STF

- [799] Jens Bolte and Hans-Michael Stiepan. The Selberg trace formula for Dirac operators. *Journal of Mathematical Physics*, 47(11):112104, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112104_s1.

Pankrashkin:2006:LEP

- [800] Konstantin Pankrashkin. Localization effects in a periodic quantum graph with magnetic field and spin-orbit interaction. *Journal of Mathematical Physics*, 47(11):112105, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112105_s1.

Hislop:2006:BPC

- [801] Peter D. Hislop and Olivier Lenoble. Basic properties of the current-current correlation measure for random Schrödinger operators. *Journal of Mathematical Physics*, 47(11):112106, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112106_s1.

Camus:2006:EEE

- [802] Brice Camus. Equilibrium and eigenfunctions estimates in the semiclassical regime. *Journal of Mathematical Physics*, 47(11):112107, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112107_s1.

Castro:2006:CSS

- [803] Carlos Castro. On Chern–Simons (super) gravity, E_8 Yang–Mills and polyvector-valued gauge theories in Clifford spaces. *Journal of Mathematical Physics*, 47(11):112301, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112301_s1.

Seidewitz:2006:FSP

- [804] Ed Seidewitz. Foundations of a spacetime path formalism for relativistic quantum mechanics. *Journal of Mathematical Physics*, 47(11):112302, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112302_s1.

Miralles:2006:OOS

- [805] David Miralles and José M. Pozo. Observers, observables, spinors, and the confusion of tongues. *Journal of Mathematical Physics*, 47(11):112303, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112303_s1.

Sako:2006:DRS

- [806] Akifumi Sako and Toshiya Suzuki. Dimensional reduction of Seiberg–Witten monopole equations, $N = 2$ noncommutative supersymmetric field theories and Young diagrams. *Journal of Mathematical Physics*, 47(11):112304, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112304_s1.

Ferrando:2006:TVS

- [807] Joan Josep Ferrando and Juan Antonio Sáez. Type I vacuum solutions with aligned Papapetrou fields: An intrinsic characterization. *Journal of Mathematical Physics*, 47(11):112501, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112501_s1.

Shiromizu:2006:EMO

- [808] Tetsuya Shiromizu, Sumio Yamada, and Hirotaka Yoshino. On existence of matter outside a static black hole. *Journal of Mathematical Physics*, 47(11):112502, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112502_s1.

Prikas:2006:DWS

- [809] Athanasios Prikas. Domain walls on the surface of q -stars. *Journal of Mathematical Physics*, 47(11):112503, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112503_s1.

Poplawski:2006:PTE

- [810] Nikodem J. Poplawski. Propagating torsion in the Einstein frame. *Journal of Mathematical Physics*, 47(11):112504, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112504_s1.

Giambo:2006:VAR

- [811] Roberto Giambò, Fabio Giannoni, and Giulio Magli. Variational approach to Robertson–Walker spacetimes with homogeneous scalar fields. *Journal of Mathematical Physics*, 47(11):112505, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112505_s1.

Qiao:2006:NIE

- [812] Zhijun Qiao. A new integrable equation with cuspons and W/M -shape-peaks solitons. *Journal of Mathematical Physics*, 47(11):112701, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112701_s1. See comment [766].

Rawashdeh:2006:IPS

- [813] M. Rawashdeh and G. Thompson. The inverse problem for six-dimensional codimension two nilradical Lie algebras. *Journal of Mathematical Physics*, 47(11):112901, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112901_s1.

Gerdt:2006:HRG

- [814] V. Gerdt, R. Horan, A. Khvedelidze, M. Lavelle, D. McMullan, and Yu. Pali. On the Hamiltonian reduction of geodesic motion on $SU(3)$ to $SU(3)/SU(2)$. *Journal of Mathematical Physics*, 47(11):112902, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p112902_s1.

Kondratiev:2006:NGT

- [815] Yuri G. Kondratiev, Oleksandr V. Kutoviy, and Elena Zhizhina. Nonequilibrium Glauber-type dynamics in continuum. *Journal of Mathematical Physics*, 47(11):113501, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113501_s1.

Borisov:2006:DPA

- [816] D. Borisov and P. Exner. Distant perturbation asymptotics in window-coupled waveguides. I. The nonthreshold case. *Journal of Mathematical Physics*, 47(11):113502, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113502_s1.

Singer:2006:CBF

- [817] R. Singer and M. Fähnle. Construction of basis functions for the spin-cluster expansion of the magnetic energy on the atomic scale in rotationally invariant systems. *Journal of Mathematical Physics*, 47(11):113503, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113503_s1.

Lievens:2006:HOC

- [818] S. Lievens, N. I. Stoilova, and J. Van der Jeugt. Harmonic oscillators coupled by springs: Discrete solutions as a Wigner quantum system. *Journal of Mathematical Physics*, 47(11):113504, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113504_s1.

Bluman:2006:FNR

- [819] George Bluman, Alexei F. Cheviakov, and Nataliya M. Ivanova. Framework for nonlocally related partial differential equation systems and non-local symmetries: Extension, simplification, and examples. *Journal of Mathematical Physics*, 47(11):113505, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113505_s1.

Heil:2006:GSB

- [820] Christopher Heil and Alexander M. Powell. Gabor Schauder bases and the Balian–Low theorem. *Journal of Mathematical Physics*, 47(11):113506, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113506_s1.

Martins:2006:NGT

- [821] R. A. Dawe Martins. Noncommutative geometry, topology, and the standard model vacuum. *Journal of Mathematical Physics*, 47(11):113507, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113507_s1.

Wang:2006:SDC

- [822] Jing Ping Wang. On the structure of $(2 + 1)$ -dimensional commutative and noncommutative integrable equations. *Journal of Mathematical Physics*, 47(11):113508, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113508_s1.

Gough:2006:QSC

- [823] John Gough. Quantum Stratonovich calculus and the quantum Wong–Zakai theorem. *Journal of Mathematical Physics*, 47(11):113509, November 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i11/p113509_s1.

Marlow:2006:BAG

- [824] Thomas Marlow. Bayesian analog of Gleason’s theorem. *Journal of Mathematical Physics*, 47(12):122101, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122101_s1.

Nouicer:2006:PHP

- [825] Khireddine Nouicer. Pauli–Hamiltonian in the presence of minimal lengths. *Journal of Mathematical Physics*, 47(12):122102, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122102_s1.

Herbut:2006:BPS

- [826] Fedor Herbut. On bipartite pure-state entanglement structure in terms of disentanglement. *Journal of Mathematical Physics*, 47(12):122103, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122103_s1.

Organista:2006:SIT

- [827] José Orlando Organista, Marek Nowakowski, and H. C. Rosu. Shape invariance through Crum transformation. *Journal of Mathematical Physics*, 47(12):122104, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122104_s1.

Unal:2006:PTC

- [828] Nuri Ünal. Parametric-time coherent states for the generalized MIC–Kepler system. *Journal of Mathematical Physics*, 47(12):122105, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122105_s1.

Anastopoulos:2006:TAP

- [829] Charis Anastopoulos and Ntina Savvidou. Time-of-arrival probabilities and quantum measurements. *Journal of Mathematical Physics*, 47(12):122106, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122106_s1.

Gross:2006:HTF

- [830] D. Gross. Hudson's theorem for finite-dimensional quantum systems. *Journal of Mathematical Physics*, 47(12):122107, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122107_s1.

Daoud:2006:FSH

- [831] M. Daoud and M. R. Kibler. Fractional supersymmetry and hierarchy of shape invariant potentials. *Journal of Mathematical Physics*, 47(12):122108, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122108_s1.

Cacciari:2006:PFR

- [832] Ilaria Cacciari and Paolo Moretti. Propagator for finite range potentials. *Journal of Mathematical Physics*, 47(12):122109, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122109_s1.

Schwartz:2006:RQW

- [833] Charles Schwartz. Relativistic quaternionic wave equation. *Journal of Mathematical Physics*, 47(12):122301, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122301_s1. See erratum [2213].

Mestre:2006:GLG

- [834] Ângela Mestre and Robert Oeckl. Generating loop graphs via Hopf algebra in quantum field theory. *Journal of Mathematical Physics*, 47(12):122302, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122302_s1.

Svegstrup:2006:EHS

- [835] Rolf Dyre Svegstrup. Endomorphisms on half-sided modular inclusions. *Journal of Mathematical Physics*, 47(12):122303, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122303_s1.

Parvizi:2006:MRO

- [836] Shahrokh Parvizi and Alireza Tavanfar. Minimal redefinition of the OSV ensemble. *Journal of Mathematical Physics*, 47(12):122304, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122304_s1.

Krisch:2006:FIL

- [837] J. P. Krisch. Fractional Israel layers. *Journal of Mathematical Physics*, 47(12):122501, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122501_s1.

Corbera:2006:IMP

- [838] Montserrat Corbera and Jaume Llibre. Infinitely many periodic orbits for the rhomboidal five-body problem. *Journal of Mathematical Physics*, 47(12):122701, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122701_s1.

Juang:2006:PBC

- [839] Jonq Juang, Chin-Lung Li, and Jing-Wei Chang. Perturbed block circulant matrices and their application to the wavelet method of chaotic control. *Journal of Mathematical Physics*, 47(12):122702, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122702_s1.

Berti:2006:EUR

- [840] Alessia Berti. Existence and uniqueness for the reflection and transmission problem in stratified electromagnetic media. *Journal of Mathematical Physics*, 47(12):122901, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122901_s1.

Aharonovich:2006:GFW

- [841] I. Aharonovich and L. P. Horwitz. Green functions for wave propagation on a five-dimensional manifold and the associated gauge fields generated by a uniformly moving point source. *Journal of Mathematical Physics*, 47(12):122902, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122902_s1.

Abdesselam:2006:NCS

- [842] B. Abdesselam and A. Chakrabarti. New class \hat{o}_N of statistical models: Transfer matrix eigenstates, chain Hamiltonians, factorizable S matrix. *Journal of Mathematical Physics*, 47(12):123301, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123301_s1.

Bach:2006:LLT

- [843] Volker Bach and Jacob Schach Møller. Localization at low temperature and infrared bounds. *Journal of Mathematical Physics*, 47(12):123302, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123302_s1.

Ueltschi:2006:FCB

- [844] Daniel Ueltschi. Feynman cycles in the Bose gas. *Journal of Mathematical Physics*, 47(12):123303, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123303_s1.

Hayashi:2006:FSP

- [845] Nakao Hayashi and Pavel I. Naumkin. Final state problem for Korteweg–de Vries type equations. *Journal of Mathematical Physics*, 47(12):123501, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123501_s1.

Sbihi:2006:STN

- [846] Mohammed Sbihi. Spectral theory of neutron transport semigroups with partly elastic collision operators. *Journal of Mathematical Physics*, 47(12):123502, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123502_s1.

Holschneider:2006:ECO

- [847] Matthias Holschneider and Gerd Teschke. Existence and computation of optimally localized coherent states. *Journal of Mathematical Physics*, 47(12):123503, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123503_s1.

Botman:2006:GEC

- [848] David M. Botman and William P. Joyce. Geometric equivalence of Clifford algebras. *Journal of Mathematical Physics*, 47(12):123504, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123504_s1.

Strauss:2006:ARS

- [849] Y. Strauss, L. P. Horwitz, and A. Volovick. Approximate resonance states in the semigroup decomposition of resonance evolution. *Journal of Mathematical Physics*, 47(12):123505, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123505_s1.

deGosson:2006:ECZ

- [850] Maurice A. de Gosson and Serge M. de Gosson. Extension of the Conley–Zehnder index, a product formula, and an application to the Weyl representation of metaplectic operators. *Journal of Mathematical Physics*, 47(12):123506, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123506_s1.

Czaja:2006:UPG

- [851] Wojciech Czaja and Jacek Zienkiewicz. Uncertainty principle for Gabor systems and the Zak transform. *Journal of Mathematical Physics*, 47(12):123507, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123507_s1.

Cai:2006:NMS

- [852] Jiaxiang Cai, Yushun Wang, Bin Wang, and Bin Jiang. New multisymplectic self-adjoint scheme and its composition scheme for the time-domain Maxwell’s equations. *Journal of Mathematical Physics*, 47(12):123508, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123508_s1.

Wehefritz-Kaufmann:2006:CRI

- [853] Birgit Wehefritz-Kaufmann. Clifford representations in integrable systems. *Journal of Mathematical Physics*, 47(12):123509, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123509_s1.

Boiti:2006:STN

- [854] M. Boiti, F. Pempinelli, and A. K. Pogrebkov. Scattering transform for nonstationary Schrödinger equation with bidimensionally perturbed N -soliton potential. *Journal of Mathematical Physics*, 47(12):123510, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123510_s1.

Aizawa:2006:UMR

- [855] N. Aizawa, R. Chakrabarti, S. S. Naina Mohammed, and J. Segar. Universal T -matrix, representations of $OSp_q(1/2)$ and little Q -Jacobi polynomials. *Journal of Mathematical Physics*, 47(12):123511, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123511_s1.

Izaurieta:2006:ELS

- [856] Fernando Izaurieta, Eduardo Rodríguez, and Patricio Salgado. Expanding Lie (super)algebras through Abelian semigroups. *Journal of Mathematical Physics*, 47(12):123512, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123512_s1.

Bering:2006:NSA

- [857] K. Bering. A note on semidensities in antisymplectic geometry. *Journal of Mathematical Physics*, 47(12):123513, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123513_s1.

Pavlov:2006:HCC

- [858] Maxim V. Pavlov. Hydrodynamic chains and the classification of their Poisson brackets. *Journal of Mathematical Physics*, 47(12):123514, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123514_s1.

Nesterenko:2006:CLD

- [859] Maryna Nesterenko and Roman Popovych. Contractions of low-dimensional Lie algebras. *Journal of Mathematical Physics*, 47(12):123515, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p123515_s1.

Derdzinski:2006:PNW

- [860] Andrzej Derdzinski and Witold Roter. Publisher's note: "Walker's theorem without coordinates", [J. Math. Phys. **47**, 062504 (2006)]. *Journal of Mathematical Physics*, 47(12):129901, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p129901_s1. See [647].

Carley:2007:SCL

- [861] Holly Carley. Strong-coupling limit for the ground state of a particle harmonic oscillator interaction. *Journal of Mathematical Physics*, 48(1):012101, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012101_s1.

Akhtarshenas:2007:CCP

- [862] S. J. Akhtarshenas. Canonical coset parametrization and the Bures metric of the three-level quantum systems. *Journal of Mathematical Physics*, 48(1):012102, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012102_s1.

Derezinski:2007:EWC

- [863] Jan Dereziński and Wojciech De Roeck. Extended weak coupling limit for Friedrichs Hamiltonians. *Journal of Mathematical Physics*, 48(1):012103, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012103_s1.

Amosov:2007:WCB

- [864] Grigori G. Amosov. On Weyl channels being covariant with respect to the maximum commutative group of unitaries. *Journal of Mathematical Physics*, 48(1):012104, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012104_s1.

Charest:2007:QVS

- [865] F. Charest, C. Hudon, and P. Winternitz. Quasiseparation of variables in the Schrödinger equation with a magnetic field. *Journal of Mathematical Physics*, 48(1):012105, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012105_s1.

Blanchard:2007:QDS

- [866] Ph. Blanchard, M. Hellmich, P. Lugiewicz, and R. Olkiewicz. Quantum dynamical semigroups for finite and infinite Bose systems. *Journal of Mathematical Physics*, 48(1):012106, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012106_s1.

Petz:2007:CRT

- [867] Dénes Petz and Jonas Kahn. Complementary reductions for two qubits. *Journal of Mathematical Physics*, 48(1):012107, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012107_s1.

Gour:2007:DMI

- [868] Gilad Gour, Somshubhro Bandyopadhyay, and Barry C. Sanders. Dual monogamy inequality for entanglement. *Journal of Mathematical Physics*, 48(1):012108, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012108_s1.

Dias:2007:FMT

- [869] Nuno Costa Dias and João Nuno Prata. Features of Moyal trajectories. *Journal of Mathematical Physics*, 48(1):012109, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012109_s1.

Sbarba:2007:DDE

- [870] L. Dello Sbarba and V. Hussin. Degenerate discrete energy spectra and associated coherent states. *Journal of Mathematical Physics*, 48(1):012110, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012110_s1.

Zoli:2007:FSE

- [871] Marco Zoli. Finite size effects in bistable ϕ^4 models. *Journal of Mathematical Physics*, 48(1):012111, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012111_s1.

Almeida:2007:HGC

- [872] José B. Almeida. Hidden geometric character of relativistic quantum mechanics. *Journal of Mathematical Physics*, 48(1):012301, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012301_s1.

Trzetrzelewski:2007:LBT

- [873] Maciej Trzetrzelewski. Large N behavior of two dimensional supersymmetric Yang–Mills quantum mechanics. *Journal of Mathematical Physics*, 48(1):012302, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012302_s1.

Barrett:2007:LVN

- [874] John W. Barrett. Lorentzian version of the noncommutative geometry of the standard model of particle physics. *Journal of Mathematical Physics*, 48(1):012303, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012303_s1.

Giribet:2007:NSK

- [875] Gaston E. Giribet. Note on \mathbf{Z}_2 symmetries of the Knizhnik–Zamolodchikov equation. *Journal of Mathematical Physics*, 48(1):012304, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012304_s1.

Harte:2007:MSC

- [876] Abraham I. Harte. Multipole structure of current vectors in curved space–time. *Journal of Mathematical Physics*, 48(1):012501, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012501_s1.

Antippa:2007:IDS

- [877] Adel F. Antippa and Daniel M. Dubois. Incurive discretization, system bifurcation, and energy conservation. *Journal of Mathematical Physics*, 48(1):012701, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012701_s1.

DeLuca:2007:GIE

- [878] Jayme De Luca. Geometric integration of the electromagnetic two-body problem. *Journal of Mathematical Physics*, 48(1):012702, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012702_s1.

Zhang:2007:DBT

- [879] Ruifeng Zhang and Boling Guo. Dynamical behavior for the three-dimensional generalized Hasegawa–Mima equations. *Journal of Mathematical Physics*, 48(1):012703, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012703_s1.

Cabrerizo:2007:MPT

- [880] Jose L. Cabrerizo, Manuel Fernandez, and Miguel Ortega. Massless particles in three-dimensional Lorentzian warped products. *Journal of Mathematical Physics*, 48(1):012901, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012901_s1.

Marquette:2007:PPA

- [881] Ian Marquette and Pavel Winternitz. Polynomial Poisson algebras for classical superintegrable systems with a third-order integral of motion. *Journal of Mathematical Physics*, 48(1):012902, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p012902_s1. See erratum [1329].

Mukhamedov:2007:CAT

- [882] Farrukh Mukhamedov, Utkir Rozikov, and José F. F. Mendes. On contour arguments for the three state Potts model with competing interactions on a semi-infinite Cayley tree. *Journal of Mathematical Physics*, 48(1):013301, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013301_s1.

Tautz:2007:NKI

- [883] R. C. Tautz, R. Schlickeiser, and I. Lerche. Nonresonant kinetic instabilities of a relativistic plasma in a uniform magnetic field: Longitudinal and transverse mode coupling effects. *Journal of Mathematical Physics*, 48(1):013302, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013302_s1.

Wang:2007:DBR

- [884] Hongyun Wang and Hong Qian. On detailed balance and reversibility of semi-Markov processes and single-molecule enzyme kinetics. *Journal of Mathematical Physics*, 48(1):013303, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013303_s1.

DeRoeck:2007:TCS

- [885] W. De Roeck and E. L. Lakshtanov. Total cross section exceeds transport cross section for quantum scattering from hard bodies at low and high wave numbers. *Journal of Mathematical Physics*, 48(1):013501, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013501_s1.

Fokas:2007:GDN

- [886] A. S. Fokas and B. Pelloni. Generalized Dirichlet to Neumann map for moving initial-boundary value problems. *Journal of Mathematical Physics*, 48(1):013502, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013502_s1.

Figueiredo:2007:GSW

- [887] B. D. Bonorino Figueiredo. Generalized spheroidal wave equation and limiting cases. *Journal of Mathematical Physics*, 48(1):013503, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013503_s1. See erratum [987].

Chen:2007:DEE

- [888] Huaitang Chen and Huicheng Yin. Double elliptic equation method and new exact solutions of the $(n + 1)$ -dimensional sinh-Gordon equation. *Journal of Mathematical Physics*, 48(1):013504, January 2007. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013504_s1.

Tek:2007:MKV

- [889] Süleyman Tek. Modified Korteweg–de Vries surfaces. *Journal of Mathematical Physics*, 48(1):013505, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013505_s1. See erratum [961].

Quevedo:2007:G

- [890] Hernando Quevedo. Geometrothermodynamics. *Journal of Mathematical Physics*, 48(1):013506, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013506_s1.

Ieda:2007:ISM

- [891] Jun'ichi Ieda, Masaru Uchiyama, and Miki Wadati. Inverse scattering method for square matrix nonlinear Schrödinger equation under non-vanishing boundary conditions. *Journal of Mathematical Physics*, 48(1):013507, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013507_s1.

Kengne:2007:SSE

- [892] E. Kengne, Boris A. Malomed, S. T. Chui, and W. M. Liu. Solitary signals in electrical nonlinear transmission line. *Journal of Mathematical Physics*, 48(1):013508, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013508_s1.

Chen:2007:CMT

- [893] Bang-Yen Chen and Franki Dillen. Classification of marginally trapped Lagrangian surfaces in Lorentzian complex space forms. *Journal of Mathematical Physics*, 48(1):013509, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013509_s1. See erratum [1499].

Zhou:2007:NSP

- [894] Ruguang Zhou. Nonlinearizations of spectral problems of the nonlinear Schrödinger equation and the real-valued modified Korteweg–de Vries equation. *Journal of Mathematical Physics*, 48(1):013510, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013510_s1.

Bagarello:2007:BVB

- [895] F. Bagarello. Bounded version of bosonic creation and annihilation operators and their related quasicohherent states. *Journal of Mathematical Physics*, 48(1):013511, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013511_s1.

Khrennikov:2007:QAT

- [896] Andrei Khrennikov. To quantum averages through asymptotic expansion of classical averages on infinite-dimensional space. *Journal of Mathematical Physics*, 48(1):013512, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013512_s1.

Doliwa:2007:ILTa

- [897] A. Doliwa, P. Grinevich, M. Nieszporski, and P. M. Santini. Integrable lattices and their sublattices: From the discrete Moutard (discrete Cauchy–Riemann) 4-point equation to the self-adjoint 5-point scheme. *Journal of Mathematical Physics*, 48(1):013513, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013513_s1.

Nucci:2007:FSP

- [898] M. C. Nucci and P. G. L. Leach. Fuchs’ solution of Painlevé VI equation by means of Jacobi’s last multiplier. *Journal of Mathematical Physics*, 48(1):013514, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p013514_s1.

Yan:2007:CAI

- [899] Zhenya Yan. Comment on “Analytical integrability and physical solutions of d -KdV equation”, [J. Math. Phys. **47**, 032901 (2006)]. *Journal of Mathematical Physics*, 48(1):014101, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p014101_s1. See [549].

Kachmar:2007:EGS

- [900] Ayman Kachmar. Erratum: “On the ground state energy for a magnetic Schrödinger operator and the effect of the DeGennes boundary

condition”, [J. Math. Phys. **47**, 072106 (2006)]. *Journal of Mathematical Physics*, 48(1):019901, January 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i1/p019901_s1. See [674].

Bruneau:2007:BHO

- [901] Laurent Bruneau and Jan Dereziński. Bogoliubov Hamiltonians and one-parameter groups of Bogoliubov transformations. *Journal of Mathematical Physics*, 48(2):022101, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022101_s1.

Beneduci:2007:NOS

- [902] Roberto Beneduci. Neumark operators and sharp reconstructions: The finite dimensional case. *Journal of Mathematical Physics*, 48(2):022102, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022102_s1.

Gerstenhaber:2007:LUP

- [903] Murray Gerstenhaber. Least uncertainty principle in deformation quantization. *Journal of Mathematical Physics*, 48(2):022103, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022103_s1.

Munger:2007:IBS

- [904] Charles Thomas Munger. Ideal basis sets for the Dirac Coulomb problem: Eigenvalue bounds and convergence proofs. *Journal of Mathematical Physics*, 48(2):022301, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022301_s1.

Mastropietro:2007:NAB

- [905] Vieri Mastropietro. Nonperturbative Adler–Bardeen theorem. *Journal of Mathematical Physics*, 48(2):022302, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022302_s1.

Redington:2007:SFD

- [906] N. Redington and M. A. K. Lodhi. Simple five-dimensional wave equation for a Dirac particle. *Journal of Mathematical Physics*, 48(2):022303,

February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022303_s1.

Sen:2007:LRH

- [907] Dipak K. Sen. Left- and right-handed neutrinos and Baryon–Lepton masses. *Journal of Mathematical Physics*, 48(2):022304, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022304_s1.

Adam:2007:SSS

- [908] C. Adam, J. Sánchez-Guillén, and A. Wereszczyński. Soliton stability in some knot soliton models. *Journal of Mathematical Physics*, 48(2):022305, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022305_s1.

Kaura:2007:SPF

- [909] Payal Kaura, Aalok Misra, and Pramod Shukla. Super Picard–Fuchs equation and monodromies for supermanifolds. *Journal of Mathematical Physics*, 48(2):022306, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022306_s1.

Massa:2007:VTG

- [910] Enrico Massa and Stefano Vignolo. Variational techniques in general relativity: A metric-affine approach to Kaluza’s theory. *Journal of Mathematical Physics*, 48(2):022501, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022501_s1.

Batic:2007:SMD

- [911] D. Batic. Scattering for massive Dirac fields on the Kerr metric. *Journal of Mathematical Physics*, 48(2):022502, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022502_s1.

Hardin:2007:SLE

- [912] D. P. Hardin, E. B. Saff, and H. Stahl. Support of the logarithmic equilibrium measure on sets of revolution in \mathbf{R}^3 . *Journal of Mathematical*

Physics, 48(2):022901, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022901_s1.

Buitrago:2007:SEL

- [913] J. Buitrago and S. Hajjawi. Spinor extended Lorentz-force-like equations as consequence of a spinorial structure of space-time. *Journal of Mathematical Physics*, 48(2):022902, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022902_s1.

Hernandez-Bermejo:2007:NSF

- [914] Benito Hernández-Bermejo. New solution family of the Jacobi equations: Characterization, invariants, and global Darboux analysis. *Journal of Mathematical Physics*, 48(2):022903, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p022903_s1.

Tamura:2007:RPF

- [915] Hiroshi Tamura and Keiichi R. Ito. Random point fields for paraparticles of any order. *Journal of Mathematical Physics*, 48(2):023301, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023301_s1.

Giuliani:2007:GSE

- [916] Alessandro Giuliani. Ground state energy of the low density Hubbard model: An upper bound. *Journal of Mathematical Physics*, 48(2):023302, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023302_s1.

Koma:2007:SGD

- [917] Tohru Koma. Spectral gap and decay of correlations in $U(1)$ -symmetric lattice systems in dimensions $D < 2$. *Journal of Mathematical Physics*, 48(2):023303, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023303_s1.

Chevalier:2007:FDT

- [918] C. Chevalier and F. Debbasch. Fluctuation-dissipation theorems in an expanding universe. *Journal of Mathematical Physics*, 48(2):023304, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023304_s1.

Romano:2007:ASQ

- [919] V. Romano, M. Torrisi, and R. Tracina. Approximate solutions to the quantum drift-diffusion model of semiconductors. *Journal of Mathematical Physics*, 48(2):023501, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023501_s1.

Ye:2007:WQB

- [920] Lixia Ye and Fang Li. Weak quantum Borchers superalgebras and their representations. *Journal of Mathematical Physics*, 48(2):023502, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023502_s1.

Kalnins:2007:EQS

- [921] E. G. Kalnins, W. Miller, and G. S. Pogosyan. Exact and quasiexact solvability of second order superintegrable quantum systems. II. Relation to separation of variables. *Journal of Mathematical Physics*, 48(2):023503, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023503_s1.

Zhao:2007:SVM

- [922] Shao-You Zhao and Yao-Zhong Zhang. Supersymmetric vertex models with domain wall boundary conditions. *Journal of Mathematical Physics*, 48(2):023504, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023504_s1.

Nakamura:2007:VAC

- [923] Atsushi Nakamura. Variant of ADHMN construction associated with q -analysis. *Journal of Mathematical Physics*, 48(2):023505, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023505_s1.

Skrypnyk:2007:QIS

- [924] T. Skrypnyk. Quantum integrable systems, non-skew-symmetric r -matrices and algebraic Bethe ansatz. *Journal of Mathematical Physics*, 48(2):023506, February 2007. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023506_s1.

Dolivet:2007:CSM

- [925] Yacine Dolivet and Miguel Tierz. Chern–Simons matrix models and Stieltjes–Wigert polynomials. *Journal of Mathematical Physics*, 48(2):023507, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023507_s1.

Golinski:2007:SSM

- [926] Tomasz Goliński, Maciej Horowski, Anatol Odziejewicz, and Aneta Slizewska. $sl(2, \mathbf{R})$ symmetry and solvable multiboson systems. *Journal of Mathematical Physics*, 48(2):023508, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023508_s1.

Dito:2007:SMP

- [927] Giuseppe Dito and Rémi Léandre. Stochastic Moyal product on the Wiener space. *Journal of Mathematical Physics*, 48(2):023509, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023509_s1.

Fakhri:2007:NLO

- [928] H. Fakhri, A. Dehghani, and A. Jafari. New ladder operators for the monopole harmonics. *Journal of Mathematical Physics*, 48(2):023510, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023510_s1.

Crampe:2007:QTY

- [929] Nicolas Crampé and Anastasia Doikou. (quantum) twisted Yangians: Symmetry, Baxterisation, and centralizers. *Journal of Mathematical Physics*, 48(2):023511, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023511_s1.

Ramm:2007:MBWa

- [930] A. G. Ramm. Many-body wave scattering by small bodies. *Journal of Mathematical Physics*, 48(2):023512, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023512_s1.

Stephan:2007:MNA

- [931] Christoph A. Stephan. Massive neutrinos in almost-commutative geometry. *Journal of Mathematical Physics*, 48(2):023513, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023513_s1.

Hestenes:2007:CSG

- [932] David Hestenes and Jeremy W. Holt. Crystallographic space groups in geometric algebra. *Journal of Mathematical Physics*, 48(2):023514, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023514_s1.

Gordoa:2007:NDN

- [933] P. R. Gordoa, A. Pickering, and Z. N. Zhu. New 2 + 1 dimensional nonisospectral Toda lattice hierarchy. *Journal of Mathematical Physics*, 48(2):023515, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p023515_s1.

Torre:2007:EHR

- [934] C. G. Torre. Erratum: “The helically-reduced wave equation as a symmetric-positive system”, [J. Math. Phys. **44**, 6223 (2003)]. *Journal of Mathematical Physics*, 48(2):029901, February 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i2/p029901_s1. See [4].

Aschbacher:2007:TPQ

- [935] W. Aschbacher, V. Jaksic, Y. Pautrat, and C.-A. Pillet. Transport properties of quasi-free fermions. *Journal of Mathematical Physics*, 48(3):032101, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032101_s1.

Benamira:2007:EPI

- [936] F. Benamira, L. Guechi, S. Mameri, and M. A. Sadoun. Exact path integral treatment of a diatomic molecule potential. *Journal of Mathematical Physics*, 48(3):032102, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032102_s1.

Albeverio:2007:CSL

- [937] Sergio Albeverio, Claudio Cacciapuoti, and Domenico Finco. Coupling in the singular limit of thin quantum waveguides. *Journal of Mathematical Physics*, 48(3):032103, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032103_s1.

Braun:2007:SCSa

- [938] Carol Braun and Anupam Garg. Semiclassical coherent-state propagator for many particles. *Journal of Mathematical Physics*, 48(3):032104, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032104_s1.

Meng:2007:MKP

- [939] Guowu Meng. MICZ-kepler problems in all dimensions. *Journal of Mathematical Physics*, 48(3):032105, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032105_s1.

Anastopoulos:2007:QPT

- [940] Charis Anastopoulos and Ntina Savvidou. Quantum probabilities for time-extended alternatives. *Journal of Mathematical Physics*, 48(3):032106, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032106_s1.

Geloun:2007:DVC

- [941] Joseph Ben Geloun, Jan Govaerts, and M. Norbert Hounkonnou. (p, q) deformations and (p, q) -vector coherent states of the Jaynes–Cummings model in the rotating wave approximation. *Journal of Mathematical Physics*, 48(3):032107, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032107_s1.

Cirilo-Lombardo:2007:MSH

- [942] Diego Julio Cirilo-Lombardo. On the mathematical structure and hidden symmetries of the Born–Infeld field equations. *Journal of Mathematical Physics*, 48(3):032301, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032301_s1.

Adam:2007:CLS

- [943] C. Adam, J. Sánchez-Guillén, and A. Wereszczyński. Conservation laws in Skyrme-type models. *Journal of Mathematical Physics*, 48(3):032302, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032302_s1.

Feigin:2007:KLD

- [944] B. L. Feigin, A. M. Gainutdinov, A. M. Semikhatov, and I. Yu. Tipunin. Kazhdan–Lusztig-dual quantum group for logarithmic extensions of Virasoro minimal models. *Journal of Mathematical Physics*, 48(3):032303, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032303_s1.

Major:2007:RCT

- [945] Seth Major, David Rideout, and Sumati Surya. On recovering continuum topology from a causal set. *Journal of Mathematical Physics*, 48(3):032501, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032501_s1.

Chandrasekar:2007:LHD

- [946] V. K. Chandrasekar, M. Senthilvelan, and M. Lakshmanan. On the Lagrangian and Hamiltonian description of the damped linear harmonic oscillator. *Journal of Mathematical Physics*, 48(3):032701, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032701_s1.

Zhao:2007:CUA

- [947] Caidi Zhao and Shengfan Zhou. L^2 -compact uniform attractors for a nonautonomous incompressible non-Newtonian fluid with locally uniformly integrable external forces in distribution space. *Journal of Mathematical Physics*, 48(3):032702, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032702_s1.

Fiorani:2007:GAA

- [948] E. Fiorani and G. Sardanashvily. Global action-angle coordinates for completely integrable systems with noncompact invariant submanifolds. *Journal of Mathematical Physics*, 48(3):032901, March 2007. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032901_s1.

Vankerschaver:2007:EPR

- [949] Joris Vankerschaver. Euler–Poincaré reduction for discrete field theories. *Journal of Mathematical Physics*, 48(3):032902, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032902_s1.

Bibbona:2007:CVV

- [950] Enrico Bibbona, Lorenzo Fatibene, and Mauro Francaviglia. Chetaev versus vakonomic prescriptions in constrained field theories with parametrized variational calculus. *Journal of Mathematical Physics*, 48(3):032903, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p032903_s1.

Giardina:2007:DEC

- [951] Cristian Giardinà, Jorge Kurchan, and Frank Redig. Duality and exact correlations for a model of heat conduction. *Journal of Mathematical Physics*, 48(3):033301, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033301_s1.

Nenciu:2007:IEM

- [952] Gheorghe Nenciu. Independent electron model for open quantum systems: Landauer–Büttiker formula and strict positivity of the entropy production. *Journal of Mathematical Physics*, 48(3):033302, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033302_s1.

Refregier:2007:SCT

- [953] Philippe Réfrégier. Symmetries in coherence theory of partially polarized light. *Journal of Mathematical Physics*, 48(3):033303, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033303_s1.

McPhedran:2007:SIT

- [954] R. C. McPhedran, L. C. Botten, N. A. Nicorovici, and I. J. Zucker. Systematic investigation of two-dimensional static array sums. *Journal of Mathematical Physics*, 48(3):033501, March 2007. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033501_s1.

Andruskiewitsch:2007:PHA

- [955] Nicolás Andruskiewitsch and Fernando Fantino. On pointed Hopf algebras associated with unmixed conjugacy classes in \mathfrak{s}_m . *Journal of Mathematical Physics*, 48(3):033502, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033502_s1.

Guil:2007:ESL

- [956] Francisco Guil. Electronic states on a lattice in periodic magnetic fields. *Journal of Mathematical Physics*, 48(3):033503, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033503_s1.

Cresson:2007:FED

- [957] Jacky Cresson. Fractional embedding of differential operators and Lagrangian systems. *Journal of Mathematical Physics*, 48(3):033504, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033504_s1.

Guerra:2007:MMP

- [958] Ediel Guerra, Jacqueline Rojas, and Ramón Mendoza. A mathematical model for the partition function. *Journal of Mathematical Physics*, 48(3):033505, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033505_s1.

Bolorizadeh:2007:PFT

- [959] M. A. Bolorizadeh, M. J. Brunger, T. Maddern, and E. Ghanbari Adivi. Positronium formation as a three-body reaction. I. The second-order positron-electron interaction amplitude. *Journal of Mathematical Physics*, 48(3):033506, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033506_s1.

Llibre:2007:GAF

- [960] Jaume Llibre and Clàudia Valls. Global analytic first integrals for the real planar Lotka–Volterra system. *Journal of Mathematical Physics*, 48(3):

033507, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p033507_s1.

Tek:2007:EMK

- [961] Süleyman Tek. Erratum: “Modified Korteweg–de Vries surfaces”, [J. Math. Phys. **48**, 013505 (2007)]. *Journal of Mathematical Physics*, 48(3):039901, March 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i3/p039901_s1. See [889].

Adachi:2007:MIS

- [962] Tadayoshi Adachi and Katsuhiko Maehara. On multidimensional inverse scattering for Stark Hamiltonians. *Journal of Mathematical Physics*, 48(4):042101, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042101_s1.

Nakano:2007:FVA

- [963] Fumihiko Nakano. Finite volume approximation of the Anderson model. *Journal of Mathematical Physics*, 48(4):042102, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042102_s1.

Cacciari:2007:PFR

- [964] Ilaria Cacciari and Paolo Moretti. Propagator for finite range potentials: The case of reflection. *Journal of Mathematical Physics*, 48(4):042103, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042103_s1.

Correggi:2007:RRBa

- [965] M. Correggi, T. Rindler-Daller, and J. Yngvason. Rapidly rotating Bose–Einstein condensates in strongly anharmonic traps. *Journal of Mathematical Physics*, 48(4):042104, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042104_s1.

Xia:2007:GWR

- [966] Qiaoling Xia. Generalized Weierstrass representations of surfaces with the constant Gauss curvature in pseudo-Riemannian three-dimensional space forms. *Journal of Mathematical Physics*, 48(4):042301, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042301_s1.

Komathiraj:2007:TSS

- [967] K. Komathiraj and S. D. Maharaj. Tikekar superdense stars in electric fields. *Journal of Mathematical Physics*, 48(4):042501, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042501_s1.

Batic:2007:HET

- [968] D. Batic and H. Schmid. Heun equation, Teukolsky equation, and type- D metrics. *Journal of Mathematical Physics*, 48(4):042502, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042502_s1.

Khasin:2007:RRR

- [969] Michael Khasin and Lazar Friedland. Removal of resonances by rotation in linearly degenerate two-dimensional oscillator systems. *Journal of Mathematical Physics*, 48(4):042701, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042701_s1.

Sergyeyev:2007:SSC

- [970] Artur Sergyeyev and Dmitry Demskoi. Sasa–Satsuma (complex modified Korteweg–de Vries II) and the complex sine-Gordon II equation revisited: Recursion operators, nonlocal symmetries, and more. *Journal of Mathematical Physics*, 48(4):042702, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042702_s1.

Bender:2007:SBC

- [971] Carl M. Bender and Daniel W. Darg. Spontaneous breaking of classical PT symmetry. *Journal of Mathematical Physics*, 48(4):042703, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042703_s1.

Birtea:2007:EEM

- [972] P. Birtea and M. Puta. Equivalence of energy methods in stability theory. *Journal of Mathematical Physics*, 48(4):042704, April 2007. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p042704_s1.

Hamza:2007:LEU

- [973] Eman Hamza and Günter Stolz. Lyapunov exponents for unitary Anderson models. *Journal of Mathematical Physics*, 48(4):043301, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043301_s1.

Khare:2007:DWP

- [974] Avinash Khare and Avadh Saxena. Domain wall and periodic solutions of coupled asymmetric double well models. *Journal of Mathematical Physics*, 48(4):043302, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043302_s1.

Gottschalk:2007:HDL

- [975] Hanno Gottschalk and Boubaker Smii. How to determine the law of the solution to a stochastic partial differential equation driven by a Lévy space–time noise? *Journal of Mathematical Physics*, 48(4):043303, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043303_s1.

Albeverio:2007:RRD

- [976] S. Albeverio, R. Hryniv, and Ya. Mykytyuk. Reconstruction of radial Dirac operators. *Journal of Mathematical Physics*, 48(4):043501, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043501_s1.

Wang:2007:GFS

- [977] Shaowei Wang and Mingyu Xu. Generalized fractional Schrödinger equation with space–time fractional derivatives. *Journal of Mathematical Physics*, 48(4):043502, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043502_s1.

Dehesa:2007:ITM

- [978] J. S. Dehesa, S. López-Rosa, and R. J. Yáñez. Information-theoretic measures of hyperspherical harmonics. *Journal of Mathematical Physics*, 48(4):043503, April 2007. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043503_s1.

Stoilova:2007:CGQ

- [979] N. I. Stoilova and J. Van der Jeugt. Classification of generalized quantum statistics associated with the exceptional Lie (super)algebras. *Journal of Mathematical Physics*, 48(4):043504, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043504_s1.

Bagarello:2007:IAO

- [980] F. Bagarello and S. Triolo. Invariant analytic orthonormalization procedure with an application to coherent states. *Journal of Mathematical Physics*, 48(4):043505, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043505_s1.

Gomez:2007:NST

- [981] Fernando Gómez. Nonunitary similarity transformation of conservative to dissipative evolutions: Intertwining without time operator. *Journal of Mathematical Physics*, 48(4):043506, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043506_s1.

Cvijovic:2007:CFS

- [982] Djurdje Cvijović and H. M. Srivastava. Closed-form summation of the Dowker and related sums. *Journal of Mathematical Physics*, 48(4):043507, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043507_s1.

Fu:2007:CMI

- [983] Jiayuan Fu, Qifen Jiang, and Yucai Su. Classification of modules of the intermediate series over Ramond $N = 2$ superconformal algebras. *Journal of Mathematical Physics*, 48(4):043508, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043508_s1.

Yamada:2007:SRS

- [984] Daisuke Yamada. Scattering rule in soliton cellular automaton associated with crystal base of $U_q(D_4^{(3)})$. *Journal of Mathematical Physics*, 48(4):

043509, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043509_s1.

Bershtein:2007:ASR

- [985] Olga Bershtein. On a q -analog of a Sahi result. *Journal of Mathematical Physics*, 48(4):043510, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043510_s1.

Coquereaux:2007:ODM

- [986] R. Coquereaux and G. Schieber. Orders and dimensions for $sl(2)$ or $sl(3)$ module categories and boundary conformal field theories on a torus. *Journal of Mathematical Physics*, 48(4):043511, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p043511_s1.

Figueiredo:2007:EGS

- [987] B. D. Bonorino Figueiredo. Erratum: “Generalized spheroidal wave equation and limiting cases”, [J. Math. Phys. **48**, 013503 (2007)]. *Journal of Mathematical Physics*, 48(4):049901, April 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i4/p049901_s1. See [887].

Jurciukonis:2007:QSM

- [988] D. Jurciukonis and E. Norvaisas. Quantum $SU(3)$ Skyrme model with noncanonical embedded $SO(3)$ soliton. *Journal of Mathematical Physics*, 48(5):052101, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052101_s1.

Viennot:2007:GQA

- [989] David Viennot. Geometry of quantum active subspaces and of effective Hamiltonians. *Journal of Mathematical Physics*, 48(5):052102, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052102_s1.

Benatti:2007:ERC

- [990] Fabio Benatti, Roberto Floreanini, and Alexandra M. Liguori. Extended reduction criterion and lattice states. *Journal of Mathematical Physics*, 48(5):052103, May 2007. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052103_s1.

Gross:2007:EDU

- [991] D. Gross, K. Audenaert, and J. Eisert. Evenly distributed unitaries: On the structure of unitary designs. *Journal of Mathematical Physics*, 48(5):052104, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052104_s1.

Bombin:2007:HEC

- [992] H. Bombin and M. A. Martin-Delgado. Homological error correction: Classical and quantum codes. *Journal of Mathematical Physics*, 48(5):052105, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052105_s1.

Bengtsson:2007:MUB

- [993] Ingemar Bengtsson, Wojciech Bruzda, Åsa Ericsson, Jan-Åke Larsson, Wojciech Tadej, and Karol Zyczkowski. Mutually unbiased bases and Hadamard matrices of order six. *Journal of Mathematical Physics*, 48(5):052106, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052106_s1.

Krivoruchenko:2007:WSH

- [994] M. I. Krivoruchenko and Amand Faessler. Weyl's symbols of Heisenberg operators of canonical coordinates and momenta as quantum characteristics. *Journal of Mathematical Physics*, 48(5):052107, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052107_s1.

Slawny:2007:PLO

- [995] J. Slawny. Position and length operators in a theory with minimal length. *Journal of Mathematical Physics*, 48(5):052108, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052108_s1.

Pavlyukh:2007:ASH

- [996] Y. Pavlyukh and W. Hübner. Analytic solution of Hedin's equations in zero dimensions. *Journal of Mathematical Physics*, 48(5):052109, May

2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052109_s1.

Cappellini:2007:SST

- [997] Valerio Cappellini, Hans-Jürgen Sommers, and Karol Zyczkowski. Sub-normalized states and trace-nonincreasing maps. *Journal of Mathematical Physics*, 48(5):052110, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052110_s1.

DeLeo:2007:QWP

- [998] Stefano De Leo and Gisele C. Ducati. Quaternionic wave packets. *Journal of Mathematical Physics*, 48(5):052111, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052111_s1.

Lisovyy:2007:ABE

- [999] Oleg Lisovyy. Aharonov–Bohm effect on the Poincaré disk. *Journal of Mathematical Physics*, 48(5):052112, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052112_s1.

Molinari:2007:APG

- [1000] Luca Guido Molinari. Another proof of Gell-Mann and Low’s theorem. *Journal of Mathematical Physics*, 48(5):052113, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052113_s1.

Sergyeyev:2007:ESS

- [1001] Artur Sergyeyev. Exact solvability of superintegrable Benenti systems. *Journal of Mathematical Physics*, 48(5):052114, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052114_s1.

Reyes:2007:GPD

- [1002] Marat C. Reyes. Generalized path dependent representations for gauge theories. *Journal of Mathematical Physics*, 48(5):052301, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052301_s1.

Gangopadhyay:2007:LAN

- [1003] Sunandan Gangopadhyay. Lie algebraic noncommuting structures from reparametrization symmetry. *Journal of Mathematical Physics*, 48(5):052302, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052302_s1.

Schwartz:2007:RQW

- [1004] Charles Schwartz. Relativistic quaternionic wave equation. II. *Journal of Mathematical Physics*, 48(5):052303, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052303_s1.

Mack:2007:SST

- [1005] Gerhard Mack and Mathias de Riese. Simple space-time symmetries: Generalizing conformal field theory. *Journal of Mathematical Physics*, 48(5):052304, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052304_s1.

Agostini:2007:MRH

- [1006] Alessandra Agostini. κ -Minkowski representations on Hilbert spaces. *Journal of Mathematical Physics*, 48(5):052305, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052305_s1.

Tsamis:2007:MSV

- [1007] N. C. Tsamis and R. P. Woodard. Maximally symmetric vector propagator. *Journal of Mathematical Physics*, 48(5):052306, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052306_s1.

Moses:2007:MFC

- [1008] Harry E. Moses. Magnetic forces on current circuits when there are no photons in the electromagnetic field. *Journal of Mathematical Physics*, 48(5):052307, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052307_s1.

Dimock:2007:TAS

- [1009] J. Dimock. Transition amplitudes and sewing properties for bosons on the Riemann sphere. *Journal of Mathematical Physics*, 48(5):052308,

May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052308_s1.

Werner:2007:LFP

- [1010] Marcus C. Werner. A Lefschetz fixed point theorem in gravitational lensing. *Journal of Mathematical Physics*, 48(5):052501, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052501_s1.

Anco:2007:MCF

- [1011] Stephen C. Anco. Mean-curvature flow and quasilocal mass for 2-surfaces in Hamiltonian general relativity. *Journal of Mathematical Physics*, 48(5):052502, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052502_s1.

Sucu:2007:ESD

- [1012] Yusuf Sucu and Nuri Ünal. Exact solution of Dirac equation in 2 + 1 dimensional gravity. *Journal of Mathematical Physics*, 48(5):052503, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052503_s1.

Vrbik:2007:KPT

- [1013] Jan Vrbik. Kepler problem with time-dependent and resonant perturbations. *Journal of Mathematical Physics*, 48(5):052701, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052701_s1.

Dooling:2007:LSS

- [1014] David C. Dooling and James E. Hammerberg. Lindstedt series solutions of the Fermi–Pasta–Ulam lattice. *Journal of Mathematical Physics*, 48(5):052702, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052702_s1.

Asch:2007:DCH

- [1015] J. Asch and P. Stovicek. Dynamics of a classical Hall system driven by a time-dependent Aharonov–Bohm flux. *Journal of Mathematical Physics*, 48(5):052901, May 2007. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052901_s1.

Schoberl:2007:CFG

- [1016] Markus Schöberl and Kurt Schlacher. Covariant formulation of the governing equations of continuum mechanics in an Eulerian description. *Journal of Mathematical Physics*, 48(5):052902, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052902_s1.

Bejancu:2007:GNM

- [1017] Aurel Bejancu. On the geometry of nonholonomic mechanical systems with vertical distribution. *Journal of Mathematical Physics*, 48(5):052903, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052903_s1.

Cendra:2007:LSH

- [1018] H. Cendra and S. D. Grillo. Lagrangian systems with higher order constraints. *Journal of Mathematical Physics*, 48(5):052904, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p052904_s1.

Koralov:2007:IPG

- [1019] Leonid Koralov. An inverse problem for Gibbs fields with hard core potential. *Journal of Mathematical Physics*, 48(5):053301, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053301_s1.

Ge:2007:GJE

- [1020] Hao Ge and Min Qian. Generalized Jarzynski's equality in inhomogeneous Markov chains. *Journal of Mathematical Physics*, 48(5):053302, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053302_s1.

Rilke:2007:TOH

- [1021] Florian Rilke. Transfer operators for hard-rod-type models. *Journal of Mathematical Physics*, 48(5):053303, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053303_s1.

Kota:2007:WRA

- [1022] V. K. B. Kota. $U(2\Omega) \supset U(\Omega) \supset \otimes SU(2)$ Wigner–Racah algebra for embedded Gaussian unitary ensemble of random matrices with spin. *Journal of Mathematical Physics*, 48(5):053304, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053304_s1.

Sukiasian:2007:RBC

- [1023] H. S. Sukiasian and Wilfried Gille. Relation between the chord length distribution of an infinitely long cylinder and that of its base. *Journal of Mathematical Physics*, 48(5):053305, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053305_s1.

Maes:2007:MEP

- [1024] Christian Maes and Karel Netocný. Minimum entropy production principle from a dynamical fluctuation law. *Journal of Mathematical Physics*, 48(5):053306, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053306_s1.

Dong:2007:TTM

- [1025] Huanhe Dong and Wei Yuan. Two types of multicomponent matrix loop algebras and its application. *Journal of Mathematical Physics*, 48(5):053501, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053501_s1.

Nishiyama:2007:SCF

- [1026] Seiya Nishiyama, João da Providência, and Takao Komatsu. Self-consistent-field method and τ -functional method on group manifold in soliton theory. II. Laurent coefficients of soliton solutions for $\hat{\mathfrak{sl}}_n$ and for $\hat{\mathfrak{su}}_n$. *Journal of Mathematical Physics*, 48(5):053502, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053502_s1.

Mihai:2007:NDC

- [1027] Dana Mihai and George A. J. Sparling. Null decomposition of conformal algebras. *Journal of Mathematical Physics*, 48(5):053503, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053503_s1.

Ali:2007:MVB

- [1028] S. Twareque Ali and M. Englis. Matrix-valued Berezin–Toeplitz quantization. *Journal of Mathematical Physics*, 48(5):053504, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053504_s1.

Gunara:2007:BDW

- [1029] Bobby E. Gunara, Freddy P. Zen, and Arianto. BPS domain walls and vacuum structure of $N = 1$ supergravity coupled to a chiral multiplet. *Journal of Mathematical Physics*, 48(5):053505, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053505_s1.

Gomez:2007:ESC

- [1030] A. Gómez, M. Torres, and J. L. Aragón. Eutactic star closest to a given star. *Journal of Mathematical Physics*, 48(5):053506, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053506_s1.

Matolcsi:2007:ATD

- [1031] T. Matolcsi and P. Ván. Absolute time derivatives. *Journal of Mathematical Physics*, 48(5):053507, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053507_s1.

Abdesselam:2007:HDU

- [1032] B. Abdesselam, A. Chakrabarti, V. K. Dobrev, and S. G. Mihov. Higher dimensional unitary braid matrices: Construction, associated structures, and entanglements. *Journal of Mathematical Physics*, 48(5):053508, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053508_s1.

Zhou:2007:PET

- [1033] Gang Zhou. Perturbation expansion and N th order Fermi golden rule of the nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 48(5):053509, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053509_s1.

Watanabe:2007:ISP

- [1034] Michiyuki Watanabe. Inverse scattering problem for time dependent Hartree–Fock equations in the three-body case. *Journal of Mathematical Physics*, 48(5):053510, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053510_s1.

Kleppe:2007:SSG

- [1035] A. F. Kleppe and Chris Wainwright. Supercoset space geometry. *Journal of Mathematical Physics*, 48(5):053511, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053511_s1.

Henneaux:2007:SCR

- [1036] Marc Henneaux, Mauricio Leston, Daniel Persson, and Philippe Spindel. A special class of rank 10 and 11 Coxeter groups. *Journal of Mathematical Physics*, 48(5):053512, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053512_s1. See erratum [1608].

Wu:2007:GPC

- [1037] Dongsheng Wu. Generalized Pickands constants. *Journal of Mathematical Physics*, 48(5):053513, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053513_s1.

Yang:2007:FFR

- [1038] Wen-Li Yang, Yao-Zhong Zhang, and Xin Liu. Free field realization of current superalgebra $gl(m|n)_k$. *Journal of Mathematical Physics*, 48(5):053514, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053514_s1.

Slawny:2007:BSH

- [1039] J. Slawny. Bound states of hydrogen atom in a theory with minimal length uncertainty relations. *Journal of Mathematical Physics*, 48(5):053515, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053515_s1.

Yurova:2007:ADM

- [1040] Maria Yurova. Application of dressing method for long wave-short wave resonance interaction equation. *Journal of Mathematical Physics*, 48(5):

053516, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053516_s1.

Kajiura:2007:CHL

- [1041] Hiroshige Kajiura. Categories of holomorphic line bundles on higher dimensional noncommutative complex tori. *Journal of Mathematical Physics*, 48(5):053517, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053517_s1.

Lin:2007:HSS

- [1042] Tai-Chia Lin and Juncheng Wei. Half-Skyrmions and spike-vortex solutions of two-component nonlinear Schrödinger systems. *Journal of Mathematical Physics*, 48(5):053518, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053518_s1.

Ma:2007:BSN

- [1043] Li Ma and Lin Zhao. Blow up of solutions to the nonlinear Schrödinger equations on manifolds. *Journal of Mathematical Physics*, 48(5):053519, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053519_s1.

Gal:2007:DFV

- [1044] Tamás Gál. Differentiation of functionals with variables coupled by conservation constraints: Analysis through a fluid-dynamical model. *Journal of Mathematical Physics*, 48(5):053520, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053520_s1.

Pan:2007:NSS

- [1045] Xing-Bin Pan. Nodal sets of solutions of equations involving magnetic Schrödinger operator in three dimensions. *Journal of Mathematical Physics*, 48(5):053521, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053521_s1.

Lin:2007:QLS

- [1046] Christopher Lin and Zhiqin Lu. Quantum layers over surfaces ruled outside a compact set. *Journal of Mathematical Physics*, 48(5):053522,

May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053522_s1.

Ibragimov:2007:CLM

- [1047] Nail H. Ibragimov, Raisa Khamitova, and Bo Thidé. Conservation laws for the Maxwell–Dirac equations with dual Ohm’s law. *Journal of Mathematical Physics*, 48(5):053523, May 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i5/p053523_s1.

Doering:2007:ISI

- [1048] Charles R. Doering and Paul K. Newton. Introduction to special issue: Mathematical Fluid Dynamics. *Journal of Mathematical Physics*, 48(6):065101, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065101_s1.

Dascaliuc:2007:UBA

- [1049] R. Dascaliuc, C. Foias, and M. S. Jolly. Universal bounds on the attractor of the Navier–Stokes equation in the energy, enstrophy plane. *Journal of Mathematical Physics*, 48(6):065201, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065201_s1.

Gibbon:2007:ETD

- [1050] J. D. Gibbon and G. A. Pavliotis. Estimates for the two-dimensional Navier–Stokes equations in terms of the Reynolds number. *Journal of Mathematical Physics*, 48(6):065202, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065202_s1.

Kukavica:2007:NSE

- [1051] Igor Kukavica and Mohammed Ziane. Navier–Stokes equations with regularity in one direction. *Journal of Mathematical Physics*, 48(6):065203, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065203_s1.

Chernyshenko:2007:PRT

- [1052] Sergei I. Chernyshenko, Peter Constantin, James C. Robinson, and Edriss S. Titi. A posteriori regularity of the three-dimensional Navier–Stokes equations from numerical computations. *Journal of Mathematical*

Physics, 48(6):065204, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065204_s1.

Ohkitani:2007:BPC

- [1053] K. Ohkitani. A blow-up problem of a class of axisymmetric Navier–Stokes equations with infinite energy. *Journal of Mathematical Physics*, 48(6):065205, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065205_s1.

Cordoba:2007:ABT

- [1054] Diego Córdoba, Francisco Gancedo, and Rafael Orive. Analytical behavior of two-dimensional incompressible flow in porous media. *Journal of Mathematical Physics*, 48(6):065206, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065206_s1.

Galdi:2007:FPS

- [1055] Giovanni P. Galdi. Further properties of steady-state solutions to the Navier–Stokes problem past a three-dimensional obstacle. *Journal of Mathematical Physics*, 48(6):065207, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065207_s1.

Cheskidov:2007:EDF

- [1056] Alexey Cheskidov, Charles R. Doering, and Nikola P. Petrov. Energy dissipation in fractal-forced flow. *Journal of Mathematical Physics*, 48(6):065208, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065208_s1.

Birnir:2007:DVM

- [1057] Björn Birnir, Songming Hou, and Niklas Wellander. Derivation of the viscous Moore–Greitzer equation for aeroengine flow. *Journal of Mathematical Physics*, 48(6):065209, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065209_s1.

Jung:2007:AAS

- [1058] Chang-Yeol Jung and Roger Temam. Asymptotic analysis for singularly perturbed convection-diffusion equations with a turning point. *Journal of Mathematical Physics*, 48(6):065301, June 2007. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065301_s1.

Marchioro:2007:VVL

- [1059] Carlo Marchioro. Vanishing viscosity limit for an incompressible fluid with concentrated vorticity. *Journal of Mathematical Physics*, 48(6):065302, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065302_s1.

Cheng:2007:DKT

- [1060] Wenfang (Wendy) Cheng and Xiaoming Wang. Discrete Kato-type theorem on inviscid limit of Navier–Stokes flows. *Journal of Mathematical Physics*, 48(6):065303, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065303_s1.

Aref:2007:PVD

- [1061] Hassan Aref. Point vortex dynamics: A classical mathematics playground. *Journal of Mathematical Physics*, 48(6):065401, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065401_s1.

Blackmore:2007:SPT

- [1062] Denis Blackmore, Lu Ting, and Omar Knio. Studies of perturbed three vortex dynamics. *Journal of Mathematical Physics*, 48(6):065402, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065402_s1.

Borisov:2007:DIP

- [1063] Alexey V. Borisov, Ivan S. Mamaev, and Sergey M. Ramodanov. Dynamic interaction of point vortices and a two-dimensional cylinder. *Journal of Mathematical Physics*, 48(6):065403, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065403_s1.

Lekien:2007:LCS

- [1064] François Lekien, Shawn C. Shadden, and Jerrold E. Marsden. Lagrangian coherent structures in n -dimensional systems. *Journal of Mathematical Physics*, 48(6):065404, June 2007. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065404_s1.

Julien:2007:RMF

- [1065] Keith Julien and Edgar Knobloch. Reduced models for fluid flows with strong constraints. *Journal of Mathematical Physics*, 48(6):065405, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065405_s1.

Majda:2007:NEL

- [1066] Andrew Majda and Xiaoming Wang. Note on the emergence of large scale coherent structure under small scale random bombardments: The discrete case. *Journal of Mathematical Physics*, 48(6):065501, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065501_s1.

Oliver:2007:TBC

- [1067] Marcel Oliver and Oliver Bühler. Transparent boundary conditions as dissipative subgrid closures for the spectral representation of scalar advection by shear flows. *Journal of Mathematical Physics*, 48(6):065502, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065502_s1.

Cheskidov:2007:IDM

- [1068] Alexey Cheskidov, Susan Friedlander, and Natasa Pavlović. Inviscid dyadic model of turbulence: The fixed point and Onsager's conjecture. *Journal of Mathematical Physics*, 48(6):065503, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065503_s1.

Linshiz:2007:ASC

- [1069] Jasmine S. Linshiz and Edriss S. Titi. Analytical study of certain magnetohydrodynamic- α models. *Journal of Mathematical Physics*, 48(6):065504, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065504_s1.

Jamaloodeen:2007:TLQ

- [1070] Mohamed I. Jamaloodeen and Paul K. Newton. Two-layer quasi-geostrophic potential vorticity model. *Journal of Mathematical Physics*,

48(6):065601, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065601_s1.

Hsia:2007:SRB

- [1071] Chun-Hsiung Hsia, Tian Ma, and Shouhong Wang. Stratified rotating Boussinesq equations in geophysical fluid dynamics: Dynamic bifurcation and periodic solutions. *Journal of Mathematical Physics*, 48(6):065602, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065602_s1.

Lim:2007:EEN

- [1072] Chjan C. Lim. Energy extremals and nonlinear stability in a variational theory of a coupled barotropic flow — Rotating solid sphere system. *Journal of Mathematical Physics*, 48(6):065603, June 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i6/p065603_s1.

Fukuda:2007:SAP

- [1073] Motohisa Fukuda and Michael M. Wolf. Simplifying additivity problems using direct sum constructions. *Journal of Mathematical Physics*, 48(7):072101, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072101_s1.

Ogura:2007:ASF

- [1074] Akihiro Ogura and Motoo Sekiguchi. Algebraic structure of the Feynman propagator and a new correspondence for canonical transformations. *Journal of Mathematical Physics*, 48(7):072102, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072102_s1.

Selesnick:2007:TSC

- [1075] S. A. Selesnick. Type structure and chiral breaking in the standard model. *Journal of Mathematical Physics*, 48(7):072103, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072103_s1.

Nagaj:2007:NCQ

- [1076] Daniel Nagaj and Shay Mozes. New construction for a QMA complete three-local Hamiltonian. *Journal of Mathematical Physics*, 48(7):072104,

July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072104_s1.

Dong:2007:SSS

- [1077] Jianping Dong and Mingyu Xu. Some solutions to the space fractional Schrödinger equation using momentum representation method. *Journal of Mathematical Physics*, 48(7):072105, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072105_s1.

Burch:2007:PSR

- [1078] Aidan Burch. Phase space representations and perturbation theory for continuous-time histories. *Journal of Mathematical Physics*, 48(7):072106, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072106_s1.

Khrennikov:2007:QRE

- [1079] Andrei Khrennikov. Quantumlike representation of extensive form games: Probabilistic aspects. *Journal of Mathematical Physics*, 48(7):072107, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072107_s1.

Daskaloyannis:2007:QSS

- [1080] C. Daskaloyannis and Y. Tanoudis. Quantum superintegrable systems with quadratic integrals on a two dimensional manifold. *Journal of Mathematical Physics*, 48(7):072108, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072108_s1.

Gibilisco:2007:UPQ

- [1081] Paolo Gibilisco, Daniele Imparato, and Tommaso Isola. Uncertainty principle and quantum Fisher information. II. *Journal of Mathematical Physics*, 48(7):072109, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072109_s1.

Roy:2007:WCP

- [1082] Aidan Roy and A. J. Scott. Weighted complex projective 2-designs from bases: Optimal state determination by orthogonal measurements. *Journal of Mathematical Physics*, 48(7):072110, July 2007. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072110_s1.

Urias:2007:SDB

- [1083] Jesús Urías. Spectral decomposition of Bell operators for multiqubit systems. *Journal of Mathematical Physics*, 48(7):072111, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072111_s1.

Hu:2007:MFK

- [1084] Po Hu and Igor Kriz. A mathematical formalism for the Kondo effect in Wess–Zumino–Witten branes. *Journal of Mathematical Physics*, 48(7):072301, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072301_s1.

Bengtsson:2007:SHS

- [1085] Anders K. H. Bengtsson. Structure of higher spin gauge interactions. *Journal of Mathematical Physics*, 48(7):072302, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072302_s1.

Dahia:2007:WPS

- [1086] F. Dahia, Lúcio F. P. da Silva, Carlos Romero, and Reza Tavakol. Warped product spaces and geodesic motion in the neighborhood of branes. *Journal of Mathematical Physics*, 48(7):072501, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072501_s1.

Amaricci:2007:ASR

- [1087] A. Amaricci, F. Bonetto, and P. Falco. Analyticity of the Sinai–Ruelle–Bowen measure for a class of simple Anosov flows. *Journal of Mathematical Physics*, 48(7):072701, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072701_s1.

Chen:2007:PGD

- [1088] Yu-Tung Chen, Niann-Chern Lee, and Ming-Hsien Tu. Polytopic gas dynamics revisited. *Journal of Mathematical Physics*, 48(7):072702, July

2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072702_s1.

Cresson:2007:SED

- [1089] Jacky Cresson and Sébastien Darses. Stochastic embedding of dynamical systems. *Journal of Mathematical Physics*, 48(7):072703, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p072703_s1.

Chen:2007:IIO

- [1090] Yong Chen, Ming-Ping Qian, and Jian-Sheng Xie. Irreversibility implies the occurrence of nonmonotonic power spectra. *Journal of Mathematical Physics*, 48(7):073301, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073301_s1.

Ho:2007:DMF

- [1091] Choon-Lin Ho and Ryu Sasaki. Deformed multivariable Fokker–Planck equations. *Journal of Mathematical Physics*, 48(7):073302, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073302_s1.

Ha:2007:RSF

- [1092] Seung-Yeal Ha and Se Eun Noh. Remarks on the stability of the frictionless Vlasov–Poisson–Fokker–Planck system. *Journal of Mathematical Physics*, 48(7):073303, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073303_s1.

Wang:2007:EBL

- [1093] Weike Wang, Tong Yang, and Xiongfeng Yang. Existence of boundary layers to the Boltzmann equation with cutoff soft potentials. *Journal of Mathematical Physics*, 48(7):073304, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073304_s1.

Luhn:2007:FG

- [1094] Christoph Luhn, Salah Nasri, and Pierre Ramond. Flavor group $\Delta(3n^2)$. *Journal of Mathematical Physics*, 48(7):073501, July 2007. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073501_s1.

Ren:2007:ITS

- [1095] Ji rong Ren, Ran Li, and Yi shi Duan. Inner topological structure of Hopf invariant. *Journal of Mathematical Physics*, 48(7):073502, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073502_s1.

Adamovic:2007:LIO

- [1096] Drazen Adamović and Antun Milas. Logarithmic intertwining operators and $W(2, 2p - 1)$ algebras. *Journal of Mathematical Physics*, 48(7):073503, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073503_s1.

Maillard:2007:ESP

- [1097] Jean-Marie Maillard. Explicit star products on orbits of nilpotent Lie groups with square integrable representations. *Journal of Mathematical Physics*, 48(7):073504, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073504_s1.

Cederwall:2007:OI

- [1098] Martin Cederwall and Jakob Palmkvist. The octic E_8 invariant. *Journal of Mathematical Physics*, 48(7):073505, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073505_s1.

Kisil:2007:TDC

- [1099] Vladimir V. Kisil. Two-dimensional conformal models of space-time and their compactification. *Journal of Mathematical Physics*, 48(7):073506, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073506_s1.

Huang:2007:GAE

- [1100] Ding jiang Huang and Nataliya M. Ivanova. Group analysis and exact solutions of a class of variable coefficient nonlinear telegraph equations. *Journal of Mathematical Physics*, 48(7):073507, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073507_s1.

Yang:2007:RPA

- [1101] Zai-Chun Yang and Bo Tian. Remarks on the Painlevé analysis for a $(2+1)$ -dimensional generalization of nonlinear-Schrödinger-type equations. *Journal of Mathematical Physics*, 48(7):073508, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073508_s1.

Chen:2007:SLS

- [1102] Bang-Yen Chen and Joeri Van der Veken. Spatial and Lorentzian surfaces in Robertson–Walker space times. *Journal of Mathematical Physics*, 48(7):073509, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073509_s1.

Schief:2007:LES

- [1103] W. K. Schief, A. Szereszewski, and C. Rogers. The Lamé equation in shell membrane theory. *Journal of Mathematical Physics*, 48(7):073510, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073510_s1.

Wu:2007:DRM

- [1104] Dongsheng Wu. Dimension results of multifractional Brownian sheets. *Journal of Mathematical Physics*, 48(7):073511, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073511_s1.

Huhtanen:2007:ECU

- [1105] Marko Huhtanen. Energy conservation and unitary approximation numbers. *Journal of Mathematical Physics*, 48(7):073512, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073512_s1.

Chen:2007:ECG

- [1106] Guanggan Chen, Jian Zhang, and Yunyun Wei. Energy criterion of global existence for supercritical nonlinear Schrödinger equation with harmonic potential. *Journal of Mathematical Physics*, 48(7):073513, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073513_s1.

Sinelshchikov:2007:DCS

- [1107] S. Sinel'shchikov, A. Stolin, and L. Vaksman. Differential calculi on some quantum prehomogeneous vector spaces. *Journal of Mathematical Physics*, 48(7):073514, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073514_s1.

Merad:2007:WFD

- [1108] M. Merad and S. Bensaïd. Wave functions for a Duffin–Kemmer–Petiau particle in a time-dependent potential. *Journal of Mathematical Physics*, 48(7):073515, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073515_s1. See comment [2196].

Albeverio:2007:MWA

- [1109] S. Albeverio, P. E. T. Jorgensen, and A. M. Paolucci. Multiresolution wavelet analysis of integer scale Bessel functions. *Journal of Mathematical Physics*, 48(7):073516, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073516_s1.

Castro:2007:NNG

- [1110] Carlos Castro. On the noncommutative and nonassociative geometry of octonionic space time, modified dispersion relations and grand unification. *Journal of Mathematical Physics*, 48(7):073517, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073517_s1.

Bender:2007:OSB

- [1111] Carl M. Bender and Michael A. Bender. Optimal shape of a blob. *Journal of Mathematical Physics*, 48(7):073518, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073518_s1.

Degiovanni:2007:CVS

- [1112] Luca Degiovanni and Giovanni Rastelli. Complex variables for separation of the Hamilton–Jacobi equation on real pseudo-Riemannian manifolds. *Journal of Mathematical Physics*, 48(7):073519, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073519_s1.

Kengne:2007:ESG

- [1113] E. Kengne and R. Vaillancourt. Exact solutions of the Gross–Pitaevskii equation in periodic potential in the presence of external source. *Journal of Mathematical Physics*, 48(7):073520, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073520_s1.

Wang:2007:CPG

- [1114] Shubin Wang, Guixiang Xu, and Guowang Chen. Cauchy problem for the generalized Benney–Luke equation. *Journal of Mathematical Physics*, 48(7):073521, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073521_s1.

Loginov:2007:CGT

- [1115] E. K. Loginov. On a class of gauge theories. *Journal of Mathematical Physics*, 48(7):073522, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p073522_s1.

Otway:2007:CRS

- [1116] Thomas H. Otway. Comment on “Removable singularities for solutions of coupled Yang–Mills–Dirac equations”, [J. Math. Phys. **47**, 103502 (2006)]. *Journal of Mathematical Physics*, 48(7):074101, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p074101_s1. See [785].

Otway:2007:EHF

- [1117] Thomas T. Otway. Erratum: “Harmonic fields on the extended projective disc and a problem in optics”, [J. Math. Phys. **46**, 113501 (2005)]. *Journal of Mathematical Physics*, 48(7):079901, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p079901_s1. See [426].

Smirnov:2007:ECS

- [1118] Roman G. Smirnov and Pavel Winternitz. Erratum: “A class of superintegrable systems of Calogero type”, [J. Math. Phys. **47**, 093505 (2006)]. *Journal of Mathematical Physics*, 48(7):079902, July 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i7/p079902_s1. See [762].

Zoli:2007:DRF

- [1119] Marco Zoli. On the decay rate of the false vacuum. *Journal of Mathematical Physics*, 48(8):082101, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082101_s1.

Strauch:2007:RER

- [1120] Frederick W. Strauch. Relativistic effects and rigorous limits for discrete- and continuous-time quantum walks. *Journal of Mathematical Physics*, 48(8):082102, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082102_s1.

Busch:2007:UJM

- [1121] P. Busch and D. B. Pearson. Universal joint-measurement uncertainty relation for error bars. *Journal of Mathematical Physics*, 48(8):082103, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082103_s1.

Mangiarotti:2007:QMR

- [1122] L. Mangiarotti and G. Sardanashvily. Quantum mechanics with respect to different reference frames. *Journal of Mathematical Physics*, 48(8):082104, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082104_s1.

Ulfbeck:2007:SDV

- [1123] Ole Ulfbeck. Simple derivation of the vector addition coefficients. *Journal of Mathematical Physics*, 48(8):082105, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082105_s1.

Odake:2007:EHO

- [1124] Satoru Odake and Ryu Sasaki. Exact Heisenberg operator solutions for multiparticle quantum mechanics. *Journal of Mathematical Physics*, 48(8):082106, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082106_s1.

Dupuis:2007:NNB

- [1125] Frédéric Dupuis, Nicolas Gisin, Avinatan Hasidim, André Allan Méthot, and Haran Pilpel. No nonlocal box is universal. *Journal of Mathematical Physics*, 48(8):082107, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082107_s1.

Blanchard:2007:PIH

- [1126] Ph. Blanchard, R. Figari, and A. Mantile. Point interaction Hamiltonians in bounded domains. *Journal of Mathematical Physics*, 48(8):082108, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082108_s1.

Eab:2007:FTC

- [1127] C. H. Eab, S. C. Lim, and L. P. Teo. Finite temperature Casimir effect for a massless fractional Klein–Gordon field with fractional Neumann conditions. *Journal of Mathematical Physics*, 48(8):082301, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082301_s1.

Soylu:2007:ASD

- [1128] A. Soylu, O. Bayrak, and I. Boztosun. An approximate solution of Dirac–Hulthén problem with pseudospin and spin symmetry for any κ state. *Journal of Mathematical Physics*, 48(8):082302, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082302_s1.

Shirzad:2007:FPG

- [1129] A. Shirzad. Full and partial gauge fixing. *Journal of Mathematical Physics*, 48(8):082303, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082303_s1.

Aspinwall:2007:LGC

- [1130] Paul S. Aspinwall. Landau–Ginzburg to Calabi–Yau dictionary for D -branes. *Journal of Mathematical Physics*, 48(8):082304, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082304_s1.

Bagrov:2007:CPC

- [1131] V. G. Bagrov, M. C. Baldiotti, and D. M. Gitman. Charged particles in crossed and longitudinal electromagnetic fields and beam guides. *Journal of Mathematical Physics*, 48(8):082305, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082305_s1.

Buchbinder:2007:CBR

- [1132] I. L. Buchbinder and P. M. Lavrov. Classical Becchi–Rouet–Stora–Tyutin charge for nonlinear algebras. *Journal of Mathematical Physics*, 48(8):082306, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082306_s1.

Clausen:2007:AFA

- [1133] Adam Clausen and James Isenberg. Areal foliation and asymptotically velocity-term dominated behavior in T^2 symmetric space–times with positive cosmological constant. *Journal of Mathematical Physics*, 48(8):082501, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082501_s1.

Bessa:2007:SSM

- [1134] Carlos H. G. Bessa and V. B. Bezerra. On some solutions of Maxwell’s equations in a Schwarzschild–de Sitter black hole. *Journal of Mathematical Physics*, 48(8):082502, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082502_s1.

Qiao:2007:NIH

- [1135] Zhijun Qiao. New integrable hierarchy, its parametric solutions, cuspons, one-peak solitons, and M/W -shape peak solitons. *Journal of Mathematical Physics*, 48(8):082701, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082701_s1.

Cao:2007:DLS

- [1136] Jinlong Cao and Xiang Zhang. Dynamics of the Lorenz system having an invariant algebraic surface. *Journal of Mathematical Physics*, 48(8):082702, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082702_s1.

Birtea:2007:ASC

- [1137] Petre Birtea, Mihai Boleantu, Mircea Puta, and Razvan Micu Tudoran. Asymptotic stability for a class of metriplectic systems. *Journal of Mathematical Physics*, 48(8):082703, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082703_s1.

Guo:2007:INC

- [1138] Yong-Xin Guo, Shi-Xing Liu, Chang Liu, Shao-Kai Luo, and Yong Wang. Influence of nonholonomic constraints on variations, symplectic structure, and dynamics of mechanical systems. *Journal of Mathematical Physics*, 48(8):082901, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082901_s1.

Yehia:2007:ATD

- [1139] Hamad M. Yehia. Atlas of two-dimensional irreversible conservative Lagrangian mechanical systems with a second quadratic integral. *Journal of Mathematical Physics*, 48(8):082902, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082902_s1.

Vaisman:2007:WHD

- [1140] Izu Vaisman. Weak-Hamiltonian dynamical systems. *Journal of Mathematical Physics*, 48(8):082903, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082903_s1.

Barros:2007:MVF

- [1141] Manuel Barros, José L. Cabrerizo, Manuel Fernández, and Alfonso Romero. Magnetic vortex filament flows. *Journal of Mathematical Physics*, 48(8):082904, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082904_s1.

Harland:2007:LSL

- [1142] Derek Harland. Large scale and large period limits of symmetric calorons. *Journal of Mathematical Physics*, 48(8):082905, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p082905_s1.

Angst:2007:CLT

- [1143] Jürgen Angst and Jacques Franchi. Central limit theorem for a class of relativistic diffusions. *Journal of Mathematical Physics*, 48(8):083101, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083101_s1.

Zenchuk:2007:NMP

- [1144] A. I. Zenchuk. New multidimensional partially integrable generalization of S -integrable N -wave equation. *Journal of Mathematical Physics*, 48(8):083501, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083501_s1.

Petalidou:2007:GQT

- [1145] Fani Petalidou. On the geometric quantization of twisted Poisson manifolds. *Journal of Mathematical Physics*, 48(8):083502, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083502_s1. See addendum [1414].

Lim:2007:DAS

- [1146] A. E. K. Lim and J. Carminati. Determination of all syzygies for the dependent polynomial invariants of the Riemann tensor. III. Mixed invariants of arbitrary degree in the Ricci spinor. *Journal of Mathematical Physics*, 48(8):083503, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083503_s1.

Morse:2007:ECA

- [1147] Edward C. Morse. Eigenfunctions of the curl in annular cylindrical and rectangular geometry. *Journal of Mathematical Physics*, 48(8):083504, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083504_s1.

Vogeler:2007:PGS

- [1148] Kirsten Vogeler and Michael Flohr. Pure gauge $SU(2)$ Seiberg–Witten theory and modular forms. *Journal of Mathematical Physics*, 48(8):083505, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083505_s1.

Romero:2007:NDB

- [1149] David Romero and Federico Zertuche. Number of different binary functions generated by NK -Kauffman networks and the emergence of genetic robustness. *Journal of Mathematical Physics*, 48(8):083506, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083506_s1.

Audenaert:2007:SE

- [1150] Koenraad M. R. Audenaert. Subadditivity of q -entropies for $q > 1$. *Journal of Mathematical Physics*, 48(8):083507, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083507_s1.

Trzetrzelewski:2007:SLG

- [1151] Maciej Trzetrzelewski. Supersymmetry and Lie groups. *Journal of Mathematical Physics*, 48(8):083508, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083508_s1.

Martins:2007:FTC

- [1152] R. A. Martins. Finite temperature corrections and embedded strings in noncommutative geometry and the standard model with neutrino mixing. *Journal of Mathematical Physics*, 48(8):083509, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083509_s1.

Huang:2007:EMR

- [1153] Shou-Jun Huang and De-Xing Kong. Equations for the motion of relativistic torus in the Minkowski space \mathbf{R}^{1+n} . *Journal of Mathematical Physics*, 48(8):083510, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083510_s1.

Jorgensen:2007:HAI

- [1154] Palle E. T. Jorgensen, Keri Kornelson, and Karen Shuman. Harmonic analysis of iterated function systems with overlap. *Journal of Mathematical Physics*, 48(8):083511, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083511_s1.

Serov:2007:PRP

- [1155] Valery Serov and Markus Harju. Partial recovery of potentials in generalized nonlinear Schrödinger equations on the line. *Journal of Mathematical Physics*, 48(8):083512, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083512_s1.

Iglesias:2007:GFN

- [1156] D. Iglesias, Juan C. Marrero, D. Martín de Diego, and Diana Sosa. General framework for nonholonomic mechanics: Nonholonomic systems on Lie affgebroids. *Journal of Mathematical Physics*, 48(8):083513, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p083513_s1.

Yamashita:2007:CPA

- [1157] Hideyasu Yamashita. Comment on “Pointwise analysis of scalar fields: A nonstandard approach”, [J. Math. Phys. **47**, 092301 (2006)]. *Journal of Mathematical Physics*, 48(8):084101, August 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i8/p084101_s1. See [746].

Granstrom:2007:IKS

- [1158] Helena Granström. Incomplete Kochen–Specker coloring. *Journal of Mathematical Physics*, 48(9):092101, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092101_s1.

Csiszar:2007:LRQ

- [1159] Imre Csiszár, Fumio Hiai, and Dénes Petz. Limit relation for quantum entropy and channel capacity per unit cost. *Journal of Mathematical Physics*, 48(9):092102, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092102_s1.

Spohn:2007:NCB

- [1160] Herbert Spohn. Notes on coherent backscattering from a random potential. *Journal of Mathematical Physics*, 48(9):092103, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092103_s1.

Exner:2007:CRT

- [1161] Pavel Exner and Olaf Post. Convergence of resonances on thin branched quantum waveguides. *Journal of Mathematical Physics*, 48(9):092104, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092104_s1.

Lim:2007:NGQ

- [1162] Adrian P. C. Lim. A nonstandard geometric quantization of the harmonic oscillator. *Journal of Mathematical Physics*, 48(9):092105, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092105_s1.

Curtright:2007:BQS

- [1163] Thomas Curtright and Luca Mezincescu. Biorthogonal quantum systems. *Journal of Mathematical Physics*, 48(9):092106, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092106_s1.

Helm:2007:LWE

- [1164] Mario Helm and Ivan Veselić. Linear Wegner estimate for alloy-type Schrödinger operators on metric graphs. *Journal of Mathematical Physics*, 48(9):092107, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092107_s1.

Curtright:2007:SBQ

- [1165] Thomas Curtright, Luca Mezincescu, and David Schuster. Supersymmetric biorthogonal quantum systems. *Journal of Mathematical Physics*, 48(9):092108, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092108_s1.

Birkandan:2007:DEB

- [1166] T. Birkandan and M. Hortaçsu. Dirac equation in the background of the Nutku helicoid metric. *Journal of Mathematical Physics*, 48(9):092301, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092301_s1. See comment [1498].

Kharlanov:2007:CLV

- [1167] O. G. Kharlanov and V. Ch. Zhukovsky. CPT and Lorentz violation effects in hydrogenlike atoms. *Journal of Mathematical Physics*, 48(9):092302, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092302_s1.

Pitelli:2007:QSS

- [1168] Paulo M. Pitelli and Patricio S. Letelier. Quantum singularities in spacetimes with spherical and cylindrical topological defects. *Journal of Mathematical Physics*, 48(9):092501, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092501_s1.

Ori:2007:SMM

- [1169] Amos Ori and Dan Gorbonos. Simplified mathematical model for the formation of null singularities inside black holes. I. Basic formulation and a conjecture. *Journal of Mathematical Physics*, 48(9):092502, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092502_s1.

Gorbonos:2007:SMM

- [1170] Dan Gorbonos and Gershon Wolansky. Simplified mathematical model for the formation of null singularities inside black holes. II. Proof for a particular case. *Journal of Mathematical Physics*, 48(9):092503, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092503_s1.

Heller:2007:AMS

- [1171] Michael Heller, Zdzislaw Odrzygóźdź, Leszek Pysiak, and Wieslaw Sasin. Anatomy of malicious singularities. *Journal of Mathematical Physics*, 48(9):092504, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092504_s1.

Yaremko:2007:RRE

- [1172] Yuriy Yaremko. Radiation reaction in $2 + 1$ electrodynamics. *Journal of Mathematical Physics*, 48(9):092901, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092901_s1.

Fasso:2007:IAS

- [1173] Francesco Fassò and Nicola Sansonetto. Integrable almost-symplectic Hamiltonian systems. *Journal of Mathematical Physics*, 48(9):092902, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092902_s1.

Calogero:2007:IEH

- [1174] F. A. Calogero and F. Leyvraz. Isochronous extension of the Hamiltonian describing free motion in the Poincaré half-plane: Classical and quantum treatments. *Journal of Mathematical Physics*, 48(9):092903, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p092903_s1.

Poghosyan:2007:AEL

- [1175] Suren Poghosyan and Hans Zessin. Asymptotic expansion of the log-partition function for a gas of interacting Brownian loops. *Journal of Mathematical Physics*, 48(9):093301, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093301_s1.

Mudrov:2007:RET

- [1176] A. I. Mudrov. Reflection equation and twisted Yangians. *Journal of Mathematical Physics*, 48(9):093501, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093501_s1.

Dunajski:2007:MIS

- [1177] Maciej Dunajski, James D. E. Grant, and Ian A. B. Strachan. Multi-dimensional integrable systems and deformations of Lie algebra homomorphisms. *Journal of Mathematical Physics*, 48(9):093502, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093502_s1.

Patera:2007:FGG

- [1178] Jirí Patera, Edita Pelantová, and Milena Svobodová. Fine group gradings of the real forms of $\mathfrak{sl}(4, \mathbf{C})$, $\mathfrak{sp}(4, \mathbf{C})$, and $\mathfrak{o}(4, \mathbf{C})$. *Journal of Mathematical Physics*, 48(9):093503, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093503_s1.

Klimyk:2007:ASM

- [1179] A. Klimyk and J. Patera. (anti)symmetric multivariate trigonometric functions and corresponding Fourier transforms. *Journal of Mathematical Physics*, 48(9):093504, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093504_s1.

Geloun:2007:CNV

- [1180] Joseph Ben Geloun and M. Norbert Hounkonnou. Canonical and non-linear vector coherent states of generalized models with spin-orbit interaction. *Journal of Mathematical Physics*, 48(9):093505, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093505_s1.

Eveson:2007:MDQ

- [1181] Simon P. Eveson and Christopher J. Fewster. Mass dependence of quantum energy inequality bounds. *Journal of Mathematical Physics*, 48(9):093506, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093506_s1.

Goze:2007:PAO

- [1182] M. Goze, M. Rausch de Traubenberg, and A. Tanasa. Poincaré and $sl(2)$ algebras of order 3. *Journal of Mathematical Physics*, 48(9):093507, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093507_s1.

Barrett:2007:OTV

- [1183] John W. Barrett, João Faria Martins, and J. Manuel García-Islas. Observables in the Turaev–Viro and Crane–Yetter models. *Journal of Mathematical Physics*, 48(9):093508, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093508_s1.

DeLeo:2007:WPS

- [1184] M. De Leo and D. Rial. Well posedness and smoothing effect of Schrödinger–Poisson equation. *Journal of Mathematical Physics*, 48(9):093509, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093509_s1.

Kawamura:2007:RBS

- [1185] Katsunori Kawamura. Recursive boson system in the Cuntz algebra O_∞ . *Journal of Mathematical Physics*, 48(9):093510, September 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i9/p093510_s1.

Li:2007:GIS

- [1186] Yuan Li, Xiu-Hong Sun, and Zheng-Li Chen. Generalized infimum and sequential product of quantum effects. *Journal of Mathematical Physics*, 48(10):102101, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102101_s1.

Michelangeli:2007:RSL

- [1187] Alessandro Michelangeli. Role of scaling limits in the rigorous analysis of Bose–Einstein condensation. *Journal of Mathematical Physics*, 48(10):102102, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102102_s1.

Correggi:2007:RRBb

- [1188] M. Correggi, T. Rindler-Daller, and J. Yngvason. Rapidly rotating Bose–Einstein condensates in homogeneous traps. *Journal of Mathematical Physics*, 48(10):102103, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102103_s1.

Braun:2007:SCSb

- [1189] Carol Braun and Anupam Garg. Semiclassical coherent-state propagator for many spins. *Journal of Mathematical Physics*, 48(10):102104, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102104_s1.

Hao:2007:GWP

- [1190] Chengchun Hao, Ling Hsiao, and Hai-Liang Li. Global well posedness for the Gross–Pitaevskii equation with an angular momentum rotational term in three dimensions. *Journal of Mathematical Physics*, 48(10):102105, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102105_s1.

Carinena:2007:QHO

- [1191] José F. Cariñena, Manuel F. Rañada, and Mariano Santander. The quantum harmonic oscillator on the sphere and the hyperbolic plane: κ -dependent formalism, polar coordinates, and hypergeometric functions. *Journal of Mathematical Physics*, 48(10):102106, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102106_s1.

Avron:2007:VTQ

- [1192] J. E. Avron, G. Bisker, and O. Kenneth. Visualizing two qubits. *Journal of Mathematical Physics*, 48(10):102107, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102107_s1.

Hildebrand:2007:CR

- [1193] Roland Hildebrand. Concurrence revisited. *Journal of Mathematical Physics*, 48(10):102108, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102108_s1.

Albeverio:2007:RAF

- [1194] Sergio Albeverio, Laura Cattaneo, Sonia Mazzucchi, and Luca Di Persio. A rigorous approach to the Feynman–Vernon influence functional and its applications. I. *Journal of Mathematical Physics*, 48(10):102109, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102109_s1.

Farkas:2007:NEA

- [1195] S. Farkas and Z. Zimborás. The von Neumann entropy asymptotics in multidimensional fermionic systems. *Journal of Mathematical Physics*, 48(10):102110, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102110_s1.

Jansen:2007:BAA

- [1196] Sabine Jansen, Mary-Beth Ruskai, and Ruedi Seiler. Bounds for the adiabatic approximation with applications to quantum computation. *Journal of Mathematical Physics*, 48(10):102111, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102111_s1.

Curtright:2007:QHQ

- [1197] Thomas Curtright and Andrzej Veitia. Quasi-Hermitian quantum mechanics in phase space. *Journal of Mathematical Physics*, 48(10):102112, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102112_s1.

Fiore:2007:QDI

- [1198] Gaetano Fiore. q -quaternions and q -deformed $su(2)$ instantons. *Journal of Mathematical Physics*, 48(10):102301, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102301_s1.

Kawakami:2007:CEP

- [1199] N. A. Kawakami, M. C. Nemes, and Walter F. Wreszinski. The Casimir effect for parallel plates revisited. *Journal of Mathematical Physics*, 48(10):102302, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102302_s1.

Mastropietro:2007:RGW

- [1200] Vieri Mastropietro. Renormalization group and Ward identities for infrared QED4. *Journal of Mathematical Physics*, 48(10):102303, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102303_s1.

Haesen:2007:PC

- [1201] Stefan Haesen and Leopold Verstraelen. Pseudosymmetry collineations. *Journal of Mathematical Physics*, 48(10):102501, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102501_s1.

Couch:2007:LPB

- [1202] W. E. Couch and C. L. Holder. Liouvillian perturbations of black holes. *Journal of Mathematical Physics*, 48(10):102502, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102502_s1.

Bilge:2007:SFC

- [1203] A. H. Bilge and D. Daghan. Scalar fields coupled to gravity in $(3 + 1)$ dimensions: Static spherically symmetric stiff matter solutions. *Journal of Mathematical Physics*, 48(10):102503, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102503_s1.

Ferrando:2007:ISM

- [1204] Joan Josep Ferrando and Juan Antonio Sáez. On the invariant symmetries of the D -metrics. *Journal of Mathematical Physics*, 48(10):102504, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102504_s1.

Wang:2007:DAS

- [1205] Wei Wang and Jinqiao Duan. A dynamical approximation for stochastic partial differential equations. *Journal of Mathematical Physics*, 48(10):102701, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102701_s1.

Gurses:2007:IBV

- [1206] Metin Gürses, Ismagil Habibullin, and Kostyantyn Zheltukhin. Integrable boundary value problems for elliptic type Toda lattice in a disk. *Journal of Mathematical Physics*, 48(10):102702, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102702_s1.

Low:2007:RGN

- [1207] Stephen G. Low. Relativity group for noninertial frames in Hamilton's mechanics. *Journal of Mathematical Physics*, 48(10):102901, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102901_s1.

Horwood:2007:HOF

- [1208] Joshua T. Horwood. Higher order first integrals in classical mechanics. *Journal of Mathematical Physics*, 48(10):102902, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102902_s1.

Ghanam:2007:BIN

- [1209] R. Ghanam, F. Hindeleh, and G. Thompson. Bi-invariant and noninvariant metrics on Lie groups. *Journal of Mathematical Physics*, 48(10):102903, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p102903_s1.

Wang:2007:NDR

- [1210] Hongyun Wang. A new derivation of the randomness parameter. *Journal of Mathematical Physics*, 48(10):103301, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103301_s1.

Perez-Madrid:2007:SMT

- [1211] A. Pérez-Madrid. Statistical mechanical theory of an oscillating isolated system: The relaxation to equilibrium. *Journal of Mathematical Physics*, 48(10):103302, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103302_s1.

Konno:2007:MLE

- [1212] Hidetoshi Konno and Fumitoshi Watanabe. Maximum likelihood estimators for generalized Cauchy processes. *Journal of Mathematical Physics*, 48(10):103303, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103303_s1.

Adams:2007:AAB

- [1213] Stefan Adams and Tony Dorlas. C^* -algebraic approach to the Bose–Hubbard model. *Journal of Mathematical Physics*, 48(10):103304, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103304_s1.

Choe:2007:ABC

- [1214] Kwangseok Choe. Asymptotic behavior of condensate solutions in the Chern–Simons–Higgs theory. *Journal of Mathematical Physics*, 48(10):103501, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103501_s1.

Heo:2007:SSP

- [1215] Jaeseong Heo. Stationary stochastic processes in a group system. *Journal of Mathematical Physics*, 48(10):103502, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103502_s1.

Jorgensen:2007:EEH

- [1216] Palle E. T. Jorgensen and Myung-Sin Song. Entropy encoding, Hilbert space, and Karhunen–Loève transforms. *Journal of Mathematical Physics*, 48(10):103503, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103503_s1.

Poletaeva:2007:ELS

- [1217] Elena Poletaeva. Embedding of the Lie superalgebra $D(2, 1; \alpha)$ into the Lie superalgebra of pseudodifferential symbols on $S^{1|2}$. *Journal of Mathematical Physics*, 48(10):103504, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103504_s1.

Abdesselam:2007:HDM

- [1218] B. Abdesselam, A. Chakrabarti, V. K. Dobrev, and S. G. Mihov. Higher dimensional multiparameter unitary and nonunitary braid matrices: Even dimensions. *Journal of Mathematical Physics*, 48(10):103505, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103505_s1.

Jorgensen:2007:MM

- [1219] Palle E. T. Jorgensen. The measure of a measurement. *Journal of Mathematical Physics*, 48(10):103506, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103506_s1.

MacKay:2007:RMC

- [1220] N. J. MacKay and A. Taylor. Rational R -matrices, centralizer algebras and tensor identities for e_6 and e_7 exceptional families of Lie algebras. *Journal of Mathematical Physics*, 48(10):103507, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103507_s1.

Kong:2007:WCM

- [1221] De-Xing Kong and Kefeng Liu. Wave character of metrics and hyperbolic geometric flow. *Journal of Mathematical Physics*, 48(10):103508, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103508_s1.

Ji:2007:CLB

- [1222] Lina Ji and Changzheng Qu. Conditional Lie Bäcklund symmetries and solutions to $(n+1)$ -dimensional nonlinear diffusion equations. *Journal of Mathematical Physics*, 48(10):103509, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103509_s1.

Zhou:2007:IRD

- [1223] Ruguang Zhou. Integrable Rosochatius deformations of the restricted soliton flows. *Journal of Mathematical Physics*, 48(10):103510, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103510_s1.

Ramm:2007:MBWb

- [1224] A. G. Ramm. Many-body wave scattering by small bodies and applications. *Journal of Mathematical Physics*, 48(10):103511, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103511_s1.

Joshi:2007:LPI

- [1225] N. Joshi, A. V. Kitaev, and P. A. Treharne. On the linearization of the Painlevé III–VI equations and reductions of the three-wave resonant system. *Journal of Mathematical Physics*, 48(10):103512, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103512_s1.

Abdollahpour:2007:IAO

- [1226] M. R. Abdollahpour, F. Bagarello, and S. Triolo. An invariant analytic orthonormalization procedure with applications. *Journal of Mathematical Physics*, 48(10):103513, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p103513_s1.

Saenz:2007:EPE

- [1227] A. W. Sáenz. Erratum: “Proof of the existence of the axial-to-planar channeling transition in a simple crystal model”, [J. Math. Phys. **47**, 062904 (2006)]. *Journal of Mathematical Physics*, 48(10):109901, October 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i10/p109901_s1. See [656].

Kopf:2007:GCQ

- [1228] Tomás Kopf and Mario Paschke. Generally covariant quantum mechanics on noncommutative configuration spaces. *Journal of Mathematical Physics*, 48(11):112101, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112101_s1.

Huang:2007:GEP

- [1229] Siendong Huang. Generalized Einstein–Podolsky–Rosen states. *Journal of Mathematical Physics*, 48(11):112102, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112102_s1.

Ribeiro:2007:TFS

- [1230] A. D. Ribeiro, M. A. M. de Aguiar, and A. F. R. de Toledo Piza. Trace formula for systems with spin from the coherent state propagator. *Journal of Mathematical Physics*, 48(11):112103, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112103_s1.

Nouicer:2007:CPO

- [1231] Khireddine Nouicer. Coulomb potential in one dimension with minimal length: A path integral approach. *Journal of Mathematical Physics*, 48(11):112104, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112104_s1.

Galiautdinov:2007:SSC

- [1232] Andrei Galiautdinov. Single-step controlled-NOT logic from any exchange interaction. *Journal of Mathematical Physics*, 48(11):112105, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112105_s1.

Chenaghlu:2007:BGK

- [1233] A. Chenaghlu and O. Faizy. Barut–Girardello and Klauder–Perelomov coherent states for the Kravchuk functions. *Journal of Mathematical Physics*, 48(11):112106, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112106_s1. See comment [1415].

Esteban:2007:SAD

- [1234] Maria J. Esteban and M. Loss. Self-adjointness for Dirac operators via Hardy–Dirac inequalities. *Journal of Mathematical Physics*, 48(11):112107, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112107_s1.

Bezák:2007:TTI

- [1235] Viktor Bezák. Tunneling through inhomogeneous delta barriers as diffraction and scattering. *Journal of Mathematical Physics*, 48(11):112108, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112108_s1.

Gheondea:2007:CNI

- [1236] Aurelian Gheondea. Comment on “A note on the infimum problem of Hilbert space effects”, [J. Math. Phys. **47**, 102103 (2006)]. *Journal of Mathematical Physics*, 48(11):112109, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112109_s1. See [766].

Pitrik:2007:MQS

- [1237] József Pitrik. Markovian quasifree states on canonical anticommutation relation algebras. *Journal of Mathematical Physics*, 48(11):112110, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112110_s1.

Loran:2007:KQM

- [1238] Farhang Loran. Kähler quantization of $H^*(\mathbf{T}^2, \mathbf{R})$ and modular forms. *Journal of Mathematical Physics*, 48(11):112301, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112301_s1.

deAMarques:2007:SEQ

- [1239] Geusa de A. Marques, J. G. de Assis, and V. B. Bezerra. Some effects on quantum systems due to the gravitational field of a cosmic string. *Journal of Mathematical Physics*, 48(11):112501, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112501_s1.

Echeverria-Enriquez:2007:EHS

- [1240] Arturo Echeverría-Enríquez, Manuel de León, Miguel C. Muñoz-Lecanda, and Narciso Román-Roy. Extended Hamiltonian systems in multisymplectic field theories. *Journal of Mathematical Physics*, 48(11):112901, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112901_s1.

Bruno:2007:CCS

- [1241] Danilo Bruno. Constructing a class of solutions for the Hamilton–Jacobi equation in field theory. *Journal of Mathematical Physics*, 48(11):112902, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112902_s1.

Pucacco:2007:DSV

- [1242] Giuseppe Pucacco and Kjell Rosquist. $(1 + 1)$ -dimensional separation of variables. *Journal of Mathematical Physics*, 48(11):112903, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p112903_s1.

Schwammle:2007:TPG

- [1243] Veit Schwämmle and Constantino Tsallis. Two-parameter generalization of the logarithm and exponential functions and Boltzmann–Gibbs–Shannon entropy. *Journal of Mathematical Physics*, 48(11):113301, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113301_s1.

Aschbacher:2007:ESD

- [1244] Walter H. Aschbacher and Jean-Marie Barbaroux. Exponential spatial decay of spin-spin correlations in translation invariant quasifree states. *Journal of Mathematical Physics*, 48(11):113302, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113302_s1.

Iguchi:2007:GCD

- [1245] Kazumoto Iguchi and Hiroaki S. Yamada. General connectivity distribution functions for growing networks with preferential attachment of fractional power. *Journal of Mathematical Physics*, 48(11):113303, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113303_s1.

Zhang:2007:SCP

- [1246] Xianwen Zhang and Shigeng Hu. L^p solutions to the Cauchy problem of the BGK equation. *Journal of Mathematical Physics*, 48(11):113304, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113304_s1.

Kaynak:2007:SCZ

- [1247] Burak Tevfik Kaynak and O. Teoman Turgut. Symbol calculus and zeta-function regularized determinants. *Journal of Mathematical Physics*, 48(11):113501, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113501_s1.

Gao:2007:EDC

- [1248] Ya-Jun Gao. Extended double-complex linear systems and new multiple infinite-dimensional hidden symmetries for the general symplectic gravity models. *Journal of Mathematical Physics*, 48(11):113502, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113502_s1.

Yahiaoui:2007:EPR

- [1249] S.-A. Yahiaoui, O. Cherroud, and M. Bentaiba. Effective potential and resummation procedure to multidimensional complex cubic potentials for weak and strong coupling. *Journal of Mathematical Physics*, 48(11):113503, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113503_s1.

Ko:2007:RDD

- [1250] Chul Ki Ko. Remarks on the decomposition of Dirichlet forms on standard forms of von Neumann algebras. *Journal of Mathematical Physics*, 48(11):113504, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113504_s1.

Fioresi:2007:MCS

- [1251] R. Fioresi, M. A. Lledó, and V. S. Varadarajan. The Minkowski and conformal superspaces. *Journal of Mathematical Physics*, 48(11):113505, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113505_s1. See erratum [2215].

Doliwa:2007:ILTb

- [1252] A. Doliwa, M. Nieszporski, and P. M. Santini. Integrable lattices and their sublattices. II. From the B-quadrilateral lattice to the self-adjoint schemes on the triangular and the honeycomb lattices. *Journal of Mathematical Physics*, 48(11):113506, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113506_s1.

Dossena:2007:SRZ

- [1253] Giacomo Dossena. Some results on the Zeeman topology. *Journal of Mathematical Physics*, 48(11):113507, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113507_s1.

Sadeghi:2007:DOM

- [1254] J. Sadeghi. Dirac oscillator with minimal lengths and free particle on AdS_2 and S^2 . *Journal of Mathematical Physics*, 48(11):113508, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113508_s1.

Kaikina:2007:PON

- [1255] Elena Kaikina. Pseudodifferential operator with a nonanalytic symbol on a half-line. *Journal of Mathematical Physics*, 48(11):113509, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113509_s1.

Cimmelli:2007:ELP

- [1256] Vito Antonio Cimmelli. An extension of Liu procedure in weakly non-local thermodynamics. *Journal of Mathematical Physics*, 48(11):113510, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113510_s1.

Klinker:2007:DSB

- [1257] Frank Klinker. The decomposition of the spinor bundle of Grassmann manifolds. *Journal of Mathematical Physics*, 48(11):113511, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113511_s1.

Freidel:2007:SDR

- [1258] L. Freidel, K. Noui, and Ph. Roche. $6j$ symbols duality relations. *Journal of Mathematical Physics*, 48(11):113512, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113512_s1.

Tian:2007:OCV

- [1259] Lixin Tian and Chunyu Shen. Optimal control of the viscous Degasperis–Procesi equation. *Journal of Mathematical Physics*, 48(11):113513, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113513_s1.

Koca:2007:POC

- [1260] Mehmet Koca, Mudhahir Al-Ajmi, and Ramazan Koç. Polyhedra obtained from Coxeter groups and quaternions. *Journal of Mathematical Physics*, 48(11):113514, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113514_s1.

Chilla:2007:SIR

- [1261] Vincenzo Chilla. Selection and identity rules for subductions of type A quantum Iwahori–Hecke algebras. *Journal of Mathematical Physics*, 48(11):113515, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113515_s1.

Kanakoglou:2007:BLG

- [1262] K. Kanakoglou and C. Daskaloyannis. A braided look at Green ansatz for parabosons. *Journal of Mathematical Physics*, 48(11):113516, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113516_s1.

Chen:2007:LTD

- [1263] Q. Chen, J. Jost, and G. Wang. Liouville theorems for Dirac-harmonic maps. *Journal of Mathematical Physics*, 48(11):113517, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113517_s1.

Kalnins:2007:NTD

- [1264] E. G. Kalnins, J. M. Kress, and W. Miller. Nondegenerate three-dimensional complex Euclidean superintegrable systems and algebraic varieties. *Journal of Mathematical Physics*, 48(11):113518, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113518_s1.

He:2007:GTC

- [1265] Jingsong He, Zhiwei Wu, and Yi Cheng. Gauge transformations for the constrained CKP and BKP hierarchies. *Journal of Mathematical Physics*, 48(11):113519, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113519_s1.

Zakrzewski:2007:SBH

- [1266] W. J. Zakrzewski. Surfaces in R^{N^2-1} based on harmonic maps $S^2 \rightarrow CP^{N-1}$. *Journal of Mathematical Physics*, 48(11):113520, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113520_s1.

Skrypnik:2007:GGS

- [1267] T. Skrypnik. Generalized Gaudin spin chains, nonskew symmetric r -matrices, and reflection equation algebras. *Journal of Mathematical Physics*, 48(11):113521, November 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i11/p113521_s1.

Gerard:2007:GDT

- [1268] Christian Gérard and Rafael Tiedra de Aldecoa. Generalized definition of time delay in scattering theory. *Journal of Mathematical Physics*, 48(12):122101, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122101_s1.

Michalakis:2007:MMO

- [1269] S. Michalakis. Multiplicativity of the maximal output 2-norm for depolarized Werner–Holevo channels. *Journal of Mathematical Physics*, 48(12):122102, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122102_s1.

Erman:2007:NLM

- [1270] Fatih Erman and O. Teoman Turgut. Nonrelativistic Lee model in three dimensional Riemannian manifolds. *Journal of Mathematical Physics*, 48(12):122103, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122103_s1.

Sasaki:2007:QSD

- [1271] Ryu Sasaki. Quasiexactly solvable difference equations. *Journal of Mathematical Physics*, 48(12):122104, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122104_s1.

Odake:2007:MQS

- [1272] Satoru Odake and Ryu Sasaki. Multiparticle quasiexactly solvable difference equations. *Journal of Mathematical Physics*, 48(12):122105, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122105_s1.

Boos:2007:SRF

- [1273] William Boos. Stochastic representations of Feynman integration. *Journal of Mathematical Physics*, 48(12):122106, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122106_s1.

Unal:2007:PTC

- [1274] Nuri Ünal. Parametric-time coherent states for Smorodinsky–Winternitz potentials. *Journal of Mathematical Physics*, 48(12):122107, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122107_s1.

Halpern:2007:OPT

- [1275] M. B. Halpern. The orbifolds of permutation type as physical string systems at multiples of $c = 26$. V. Cyclic permutation orbifolds. *Journal of Mathematical Physics*, 48(12):122301, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122301_s1.

Morgan:2007:LFR

- [1276] Peter Morgan. Lie fields revisited. *Journal of Mathematical Physics*, 48(12):122302, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122302_s1.

Ibison:2007:CFR

- [1277] M. Ibison. On the conformal forms of the Robertson–Walker metric. *Journal of Mathematical Physics*, 48(12):122501, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122501_s1.

Schuch:2007:CBQ

- [1278] Dieter Schuch. Connection between quantum mechanical and classical time evolution of certain dissipative systems via a dynamical invariant. *Journal of Mathematical Physics*, 48(12):122701, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122701_s1.

Brauchart:2007:SLD

- [1279] J. S. Brauchart, D. P. Hardin, and E. B. Saff. The support of the limit distribution of optimal Riesz energy points on sets of revolution in \mathbf{R}^3 . *Journal of Mathematical Physics*, 48(12):122901, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122901_s1.

Freitas:2007:CSM

- [1280] P. Freitas, R. S. Laugesen, and G. F. Liddell. On convex surfaces with minimal moment of inertia. *Journal of Mathematical Physics*, 48(12):122902, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p122902_s1.

Carrisi:2007:EFM

- [1281] M. C. Carrisi and S. Pennisi. An exact fluid model for relativistic electron beams: The many moment case. *Journal of Mathematical Physics*, 48(12):123101, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123101_s1.

Li:2007:SRO

- [1282] Dening Li. Shock reflection and oblique shock waves. *Journal of Mathematical Physics*, 48(12):123102, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123102_s1.

Hiai:2007:LDC

- [1283] Fumio Hiai, Milán Mosonyi, and Tomohiro Ogawa. Large deviations and Chernoff bound for certain correlated states on a spin chain. *Journal of Mathematical Physics*, 48(12):123301, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123301_s1.

Dai:2007:IQG

- [1284] Wu-Sheng Dai and Mi Xie. Interacting quantum gases in confined space: Two- and three-dimensional equations of state. *Journal of Mathematical Physics*, 48(12):123302, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123302_s1.

Khelifi:2007:DSA

- [1285] Abdessatar Khelifi. Determination of small amplitude perturbations for the electric permittivity from partial dynamic boundary measurements. *Journal of Mathematical Physics*, 48(12):123501, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123501_s1.

Klaus:2007:CCB

- [1286] Martin Klaus and Boris Mityagin. Coupling constant behavior of eigenvalues of Zakharov–Shabat systems. *Journal of Mathematical Physics*, 48(12):123502, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123502_s1.

Sodin:2007:RMN

- [1287] Sasha Sodin. Random matrices, nonbacktracking walks, and orthogonal polynomials. *Journal of Mathematical Physics*, 48(12):123503, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123503_s1.

Romano:2007:QCS

- [1288] V. Romano. Quantum corrections to the semiclassical hydrodynamical model of semiconductors based on the maximum entropy principle. *Journal of Mathematical Physics*, 48(12):123504, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123504_s1.

Pickl:2007:GED

- [1289] Peter Pickl. Generalized eigenfunctions for Dirac operators near criticality. *Journal of Mathematical Physics*, 48(12):123505, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123505_s1.

Lo:2007:EDP

- [1290] Assane Lo. On the exponential decay of the n -point correlation functions and the analyticity of the pressure. *Journal of Mathematical Physics*, 48(12):123506, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123506_s1.

Schmidt:2007:PCS

- [1291] Matthias Schmidt and Mike R. Jeffrey. Peel or coat spheres by convolution, repeatedly. *Journal of Mathematical Physics*, 48(12):123507, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123507_s1.

Ha:2007:GWP

- [1292] Seung-Yeal Ha and Ho Lee. Global well posedness of the relativistic Vlasov–Yukawa system with small data. *Journal of Mathematical Physics*, 48(12):123508, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123508_s1.

Vacaru:2007:DQA

- [1293] Sergiu I. Vacaru. Deformation quantization of almost Kähler models and Lagrange–Finsler spaces. *Journal of Mathematical Physics*, 48(12):123509, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123509_s1.

Nucci:2007:LG

- [1294] M. C. Nucci and P. G. L. Leach. Lagrangians galore. *Journal of Mathematical Physics*, 48(12):123510, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123510_s1.

Starkl:2007:NES

- [1295] Reinhard Starkl. New explicit solutions of Einstein equations in the framework of GAP Theory. *Journal of Mathematical Physics*, 48(12):123511, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123511_s1.

Shpot:2007:MFI

- [1296] M. A. Shpot. A massive Feynman integral and some reduction relations for Appell functions. *Journal of Mathematical Physics*, 48(12):123512, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123512_s1.

Freyre:2007:NA

- [1297] Sebastián Freyre, Matías Graña, and Leandro Vendramin. On Nichols algebras over $SL(2, \mathbf{F}_q)$ and $GL(2, \mathbf{F}_q)$. *Journal of Mathematical Physics*, 48(12):123513, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123513_s1.

Odziejewicz:2007:CSM

- [1298] Anatol Odziejewicz, Tomasz Goliński, and Agnieszka Tereszkievicz. Coherent state maps related to the bounded positive operators. *Journal of Mathematical Physics*, 48(12):123514, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123514_s1.

Manojlovic:2007:ABA

- [1299] Nenad Manojlović and Zoltán Nagy. Algebraic Bethe ansatz for the elliptic quantum group $E_{\tau,\eta}(A_2^{(2)})$. *Journal of Mathematical Physics*, 48(12):123515, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123515_s1.

Nikolov:2007:DAC

- [1300] Petko Nikolov and Tihomir Valchev. Description of all conformally invariant differential operators, acting on scalar functions. *Journal of Mathematical Physics*, 48(12):123516, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123516_s1.

daRocha:2007:DSF

- [1301] R. da Rocha and J. M. Hoff da Silva. From Dirac spinor fields to eigenspinoren des ladungskonjugationsoperators. *Journal of Mathematical Physics*, 48(12):123517, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123517_s1.

Calvaruso:2007:TDH

- [1302] Giovanni Calvaruso. Three-dimensional homogeneous Lorentzian metrics with prescribed Ricci tensor. *Journal of Mathematical Physics*, 48(12):123518, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123518_s1.

Luhn:2007:SFN

- [1303] Christoph Luhn, Salah Nasri, and Pierre Ramond. Simple finite non-Abelian flavor groups. *Journal of Mathematical Physics*, 48(12):123519, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123519_s1.

Miki:2007:AA

- [1304] Kei Miki. A (q, γ) analog of the $W_{1+\infty}$ algebra. *Journal of Mathematical Physics*, 48(12):123520, December 2007. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v48/i12/p123520_s1.

Nachtergaele:2008:ASIA

- [1305] Bruno L. Z. Nachtergaele. Announcement: Special issue on “Statistical Mechanics on Random Structures”. *Journal of Mathematical Physics*, 49(1):010201, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p010201_s1.

Pitowsky:2008:NBI

- [1306] Itamar Pitowsky. New Bell inequalities for the singlet state: Going beyond the Grothendieck bound. *Journal of Mathematical Physics*, 49(1):012101, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012101_s1.

Appleby:2008:SPP

- [1307] D. M. Appleby, Ingemar Bengtsson, and S. Chaturvedi. Spectra of phase point operators in odd prime dimensions and the extended Clifford group. *Journal of Mathematical Physics*, 49(1):012102, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012102_s1.

Chen:2008:EUE

- [1308] Jianxin Chen, Runyao Duan, Zhengfeng Ji, Mingsheng Ying, and Jun Yu. Existence of universal entangler. *Journal of Mathematical Physics*, 49(1):012103, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012103_s1.

Suslov:2008:HPN

- [1309] Sergei K. Suslov and Benjamin Trey. The Hahn polynomials in the non-relativistic and relativistic Coulomb problems. *Journal of Mathematical Physics*, 49(1):012104, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012104_s1.

Hassan:2008:DCS

- [1310] Ali Saif M. Hassan and Pramod S. Joag. On the degree conjecture for separability of multipartite quantum states. *Journal of Mathematical Physics*, 49(1):012105, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012105_s1.

Andai:2008:UPQ

- [1311] Attila Andai. Uncertainty principle with quantum Fisher information. *Journal of Mathematical Physics*, 49(1):012106, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012106_s1.

Bernardoni:2008:MGG

- [1312] Fabio Bernardoni, Sergio L. Cacciatori, Bianca L. Cerchiai, and Antonio Scotti. Mapping the geometry of the E_6 group. *Journal of Mathematical Physics*, 49(1):012107, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012107_s1.

Yilmaz:2008:DPS

- [1313] Nejat T. Yilmaz. Dualization of the principal sigma model. *Journal of Mathematical Physics*, 49(1):012301, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012301_s1.

Benguria:2008:SAM

- [1314] Rafael D. Benguria, Michael Loss, and Heinz Siedentop. Stability of atoms and molecules in an ultrarelativistic Thomas–Fermi–Weizsäcker model. *Journal of Mathematical Physics*, 49(1):012302, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012302_s1.

Rajah:2008:RER

- [1315] S. S. Rajah and S. D. Maharaj. A Riccati equation in radiative stellar collapse. *Journal of Mathematical Physics*, 49(1):012501, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012501_s1.

Liu:2008:HCM

- [1316] Dong Liu and Cuipo Jiang. Harish-Chandra modules over the twisted Heisenberg–Virasoro algebra. *Journal of Mathematical Physics*, 49(1):012901, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p012901_s1.

Bolivar:2008:GCK

- [1317] A. O. Bolivar. Generalization of the classical Kramers rate for non-Markovian open systems out of equilibrium. *Journal of Mathematical Physics*, 49(1):013301, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013301_s1.

Xu:2008:TTG

- [1318] Tao Xu, Hai-Qiang Zhang, Ya-Xing Zhang, Juan Li, Qian Feng, and Bo Tian. Two types of generalized integrable decompositions and new solitary-wave solutions for the modified Kadomtsev–Petviashvili equation with symbolic computation. *Journal of Mathematical Physics*, 49(1):013501, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013501_s1.

Lipatov:2008:TCA

- [1319] L. N. Lipatov, M. Rausch de Traubenberg, and G. G. Volkov. On the ternary complex analysis and its applications. *Journal of Mathematical Physics*, 49(1):013502, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013502_s1.

Gorin:2008:MIC

- [1320] T. Gorin and G. V. López. Monomial integrals on the classical groups. *Journal of Mathematical Physics*, 49(1):013503, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013503_s1.

Albini:2008:RBC

- [1321] Paolo Albini, Alessandro Toigo, and Veronica Umanità. Relations between convergence rates in Schatten p -norms. *Journal of Mathematical Physics*, 49(1):013504, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013504_s1.

Nesterov:2008:IDR

- [1322] Alexander I. Nesterov and Fermín Aceves de la Cruz. Infinite-dimensional representations of the rotation group and Dirac monopole problem. *Journal of Mathematical Physics*, 49(1):013505, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013505_s1.

Hu:2008:SGD

- [1323] Juan Hu, Hong-Yan Wang, and Hon-Wah Tam. Source generation of the Davey–Stewartson equation. *Journal of Mathematical Physics*, 49(1):013506, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013506_s1.

Du:2008:AGL

- [1324] Hong-Ke Du, Yue-Qing Wang, and Jun-Lian Xu. Applications of the generalized Lüders theorem. *Journal of Mathematical Physics*, 49(1):013507, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013507_s1.

Arroyo:2008:USS

- [1325] J. Arroyo, O. J. Garay, and J. J. Mencía. Unit speed stationary points of the acceleration. *Journal of Mathematical Physics*, 49(1):013508, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013508_s1.

Lim:2008:SPP

- [1326] S. C. Lim and L. P. Teo. Sample path properties of fractional Riesz–Bessel field of variable order. *Journal of Mathematical Physics*, 49(1):013509, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013509_s1.

Athanasiadis:2008:RRE

- [1327] Christodoulos Athanasiadis and Nikolaos L. Tsitsas. Radiation relations for electromagnetic excitation of a layered chiral medium by an interior dipole. *Journal of Mathematical Physics*, 49(1):013510, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013510_s1.

Chanachowicz:2008:ICR

- [1328] Mark Chanachowicz, Claudia M. Chanu, and Raymond G. McLenaghan. Invariant classification of the rotationally symmetric R -separable webs for the Laplace equation in Euclidean space. *Journal of Mathematical Physics*, 49(1):013511, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p013511_s1.

Marquette:2008:EPP

- [1329] I. Marquette and P. Winternitz. Erratum: “Polynomial Poisson Algebras for Classical Superintegrable Systems with a Third Order Integral of Motion”, [J. Math. Phys. **48**, 012902 (2007)]. *Journal of Mathematical Physics*, 49(1):019901, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p019901_s1. See [881].

Caves:2008:EUQ

- [1330] Carlton M. Caves, Christopher A. Fuchs, and Rüdiger Schack. Erratum: “Unknown quantum states: The quantum de Finetti representation”, [J. Math. Phys. **44**, 4537 (2002)]. *Journal of Mathematical Physics*, 49(1):019902, January 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i1/p019902_s1. See [3].

Anastopoulos:2008:TAPa

- [1331] Charis Anastopoulos and Ntina Savvidou. Time-of-arrival probabilities and quantum measurements. II. Application to tunneling times. *Journal of Mathematical Physics*, 49(2):022101, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022101_s1.

Masanes:2008:UEC

- [1332] Lluís Masanes. Useful entanglement can be extracted from all nonseparable states. *Journal of Mathematical Physics*, 49(2):022102, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022102_s1.

Anastopoulos:2008:TAPb

- [1333] Charis Anastopoulos. Time-of-arrival probabilities and quantum measurements. III. Decay of unstable states. *Journal of Mathematical*

Physics, 49(2):022103, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022103_s1.

Chenaghlu:2008:GKC

- [1334] A. Chenaghlu and O. Faizy. Gazeau–Klauder coherent states for trigonometric Rosen–Morse potential. *Journal of Mathematical Physics*, 49(2):022104, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022104_s1. See comments [1456].

Eskin:2008:IPS

- [1335] G. Eskin. Inverse problems for the Schrödinger equations with time-dependent electromagnetic potentials and the Aharonov–Bohm effect. *Journal of Mathematical Physics*, 49(2):022105, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022105_s1.

Quesne:2008:OMC

- [1336] C. Quesne. Oscillator–Morse–Coulomb mappings and algebras for constant or position-dependent mass. *Journal of Mathematical Physics*, 49(2):022106, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022106_s1.

Cubitt:2008:DSB

- [1337] Toby Cubitt, Ashley Montanaro, and Andreas Winter. On the dimension of subspaces with bounded Schmidt rank. *Journal of Mathematical Physics*, 49(2):022107, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022107_s1.

Wu:2008:CLO

- [1338] Rebing Wu, Alexander Pechen, Herschel Rabitz, Michael Hsieh, and Benjamin Tsou. Control landscapes for observable preparation with open quantum systems. *Journal of Mathematical Physics*, 49(2):022108, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022108_s1.

Michel:2008:DDC

- [1339] N. Michel. Direct demonstration of the completeness of the eigenstates of the Schrödinger equation with local and nonlocal potentials bearing

a Coulomb tail. *Journal of Mathematical Physics*, 49(2):022109, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022109_s1.

Nagy:2008:SLO

- [1340] Gabriel Nagy. On spectra of Lüders operations. *Journal of Mathematical Physics*, 49(2):022110, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022110_s1.

Strich:2008:PSE

- [1341] Robert Strich. Passive states for essential observers. *Journal of Mathematical Physics*, 49(2):022301, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022301_s1.

Boumali:2008:EOD

- [1342] A. Boumali. On the eigensolutions of the one-dimensional Duffin–Kemmer–Petiau oscillator. *Journal of Mathematical Physics*, 49(2):022302, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022302_s1.

Gariel:2008:SAS

- [1343] J. Gariel, G. Marçilhac, and N. O. Santos. Stationary axisymmetric solutions involving a third order equation irreducible to Painlevé transcendents. *Journal of Mathematical Physics*, 49(2):022501, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022501_s1.

Hall:2008:PEC

- [1344] G. S. Hall and D. P. Lonie. The principle of equivalence and cosmological metrics. *Journal of Mathematical Physics*, 49(2):022502, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022502_s1.

Marvan:2008:LEP

- [1345] M. Marvan and O. Stolín. On local equivalence problem of space–times with two orthogonally transitive commuting Killing fields. *Journal of Mathematical Physics*, 49(2):022503, February 2008. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022503_s1.

Ding:2008:PMT

- [1346] Lu Ding. Positive mass theorems for higher dimensional Lorentzian manifolds. *Journal of Mathematical Physics*, 49(2):022504, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022504_s1.

Przybylska:2008:DKO

- [1347] Maria Przybylska. Differential Galois obstructions for integrability of homogeneous Newton equations. *Journal of Mathematical Physics*, 49(2):022701, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022701_s1.

Maccari:2008:CFC

- [1348] Attilio Maccari. Chaotic, fractal, and coherent solutions for a new integrable system of equations in $2 + 1$ dimensions. *Journal of Mathematical Physics*, 49(2):022702, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022702_s1.

Castilho:2008:VPS

- [1349] César Castilho and Hélio Machado. The N -vortex problem on a symmetric ellipsoid: A perturbation approach. *Journal of Mathematical Physics*, 49(2):022703, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022703_s1.

Yavari:2008:GDE

- [1350] Arash Yavari. On geometric discretization of elasticity. *Journal of Mathematical Physics*, 49(2):022901, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022901_s1.

Verrier:2008:NSH

- [1351] P. E. Verrier and N. W. Evans. A new superintegrable Hamiltonian. *Journal of Mathematical Physics*, 49(2):022902, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022902_s1.

Acatrinei:2008:DRG

- [1352] Ciprian Sorin Acatrinei. Dimensional reduction for generalized Poisson brackets. *Journal of Mathematical Physics*, 49(2):022903, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p022903_s1.

Qin:2008:GES

- [1353] Yuming Qin and Shenglan Wen. Global existence of spherically symmetric solutions for nonlinear compressible Navier–Stokes equations. *Journal of Mathematical Physics*, 49(2):023101, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023101_s1.

Horwood:2008:OSV

- [1354] Joshua T. Horwood and Raymond G. McLenaghan. Orthogonal separation of variables for the Hamilton–Jacobi and wave equations in three-dimensional Minkowski space. *Journal of Mathematical Physics*, 49(2):023501, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023501_s1.

Ruijsenaars:2008:EVP

- [1355] S. Ruijsenaars and L. Stodolsky. On the Euclidean version of the photon number integral. *Journal of Mathematical Physics*, 49(2):023502, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023502_s1.

Kengne:2008:ESE

- [1356] E. Kengne, X. X. Liu, B. A. Malomed, S. T. Chui, and W. M. Liu. Explicit solutions to an effective Gross–Pitaevskii equation: One-dimensional Bose–Einstein condensate in specific traps. *Journal of Mathematical Physics*, 49(2):023503, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023503_s1.

DeTurck:2008:EGL

- [1357] Dennis DeTurck and Herman Gluck. Electrodynamics and the Gauss linking integral on the 3-sphere and in hyperbolic 3-space. *Journal of Mathematical Physics*, 49(2):023504, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023504_s1.

Boyallian:2008:QRL

- [1358] Carina Boyallian and Vanesa Meinardi. Quasifinite representations of the Lie superalgebra of quantum pseudodifferential operators. *Journal of Mathematical Physics*, 49(2):023505, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023505_s1.

Helein:2008:RFM

- [1359] Frédéric Hélein. A representation formula for maps on supermanifolds. *Journal of Mathematical Physics*, 49(2):023506, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023506_s1.

delRio:2008:SAT

- [1360] Rafael del Rio, Carmen Martinez, and Hermann Schulz-Baldes. Spectral averaging techniques for Jacobi matrices. *Journal of Mathematical Physics*, 49(2):023507, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023507_s1.

Daoud:2008:NSF

- [1361] M. Daoud and A. Hamama. Noncommutative scalar fields from symplectic deformation. *Journal of Mathematical Physics*, 49(2):023508, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023508_s1.

Geloun:2008:BQE

- [1362] Joseph Ben Geloun and M. Norbert Hounkonnou. Bosonic quasideterminants and eigenvalue problems of generalized spin-orbit operators. *Journal of Mathematical Physics*, 49(2):023509, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023509_s1.

Kulish:2008:QSA

- [1363] P. P. Kulish, N. Manojlovic, and Z. Nagy. Quantum symmetry algebras of spin systems related to Temperley–Lieb R -matrices. *Journal of Mathematical Physics*, 49(2):023510, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023510_s1.

Celik:2008:HAS

- [1364] Salih Celik and Ergün Yasar. The Hopf algebra structure of the Z^3 -graded quantum supergroup $GL_{q,j}(1|1)$. *Journal of Mathematical Physics*, 49(2):023511, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p023511_s1.

Gal:2008:EDF

- [1365] Tamás Gál. Erratum: “Differentiation of functionals with variables coupled by conservation constraints: Analysis through a fluid-dynamical model”, [J. Math. Phys. **48**, 053520 (2007)]. *Journal of Mathematical Physics*, 49(2):029901, February 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i2/p029901_s1. See [?].

Salem:2008:SWD

- [1366] Walid K. Abou Salem. Solitary wave dynamics in time-dependent potentials. *Journal of Mathematical Physics*, 49(3):032101, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032101_s1.

Durran:2008:DCB

- [1367] Richard Durran, Andrew Neate, and Aubrey Truman. The divine clockwork: Bohr’s correspondence principle and Nelson’s stochastic mechanics for the atomic elliptic state. *Journal of Mathematical Physics*, 49(3):032102, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032102_s1.

Rubensson:2008:ROI

- [1368] Emanuel H. Rubensson, Elias Rudberg, and Pawel Salek. Rotations of occupied invariant subspaces in self-consistent field calculations. *Journal of Mathematical Physics*, 49(3):032103, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032103_s1.

Stulpe:2008:SCE

- [1369] Werner Stulpe and Paul Busch. The structure of classical extensions of quantum probability theory. *Journal of Mathematical Physics*, 49(3):032104, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032104_s1.

Boileau:2008:QRF

- [1370] J.-C. Boileau, L. Sheridan, M. Laforest, and S. D. Bartlett. Quantum reference frames and the classification of rotationally invariant maps. *Journal of Mathematical Physics*, 49(3):032105, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032105_s1.

Carbone:2008:SPT

- [1371] R. Carbone, F. Fagnola, J. C. García, and R. Quezada. Spectral properties of the two-photon absorption and emission process. *Journal of Mathematical Physics*, 49(3):032106, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032106_s1.

Beylkin:2008:AWU

- [1372] Gregory Beylkin, Martin J. Mohlenkamp, and Fernando Pérez. Approximating a wavefunction as an unconstrained sum of Slater determinants. *Journal of Mathematical Physics*, 49(3):032107, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032107_s1.

Lenzi:2008:SSE

- [1373] E. K. Lenzi, B. F. de Oliveira, L. R. da Silva, and L. R. Evangelista. Solutions for a Schrödinger equation with a nonlocal term. *Journal of Mathematical Physics*, 49(3):032108, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032108_s1.

Dierckx:2008:FQS

- [1374] B. Dierckx, M. Fannes, and M. Pogorzelska. Fermionic quasifree states and maps in information theory. *Journal of Mathematical Physics*, 49(3):032109, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032109_s1.

Ali:2008:SAV

- [1375] S. Twareque Ali and F. Bagarello. Supersymmetric associated vector coherent states and generalized Landau levels arising from two-dimensional supersymmetry. *Journal of Mathematical Physics*, 49(3):032110, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032110_s1.

Exner:2008:HPS

- [1376] P. Exner and S. Kondej. Hiatus perturbation for a singular Schrödinger operator with an interaction supported by a curve in \mathbf{R}^3 . *Journal of Mathematical Physics*, 49(3):032111, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032111_s1.

Hiai:2008:EEH

- [1377] Fumio Hiai, Milán Mosonyi, and Tomohiro Ogawa. Error exponents in hypothesis testing for correlated states on a spin chain. *Journal of Mathematical Physics*, 49(3):032112, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032112_s1.

Szarek:2008:GSQ

- [1378] Stanislaw J. Szarek, Elisabeth Werner, and Karol Zyczkowski. Geometry of sets of quantum maps: A generic positive map acting on a high-dimensional system is not completely positive. *Journal of Mathematical Physics*, 49(3):032113, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032113_s1.

Molnar:2008:MSP

- [1379] Lajos Molnár. Maps on states preserving the relative entropy. *Journal of Mathematical Physics*, 49(3):032114, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032114_s1.

Albertsson:2008:PLP

- [1380] Cecilia Albertsson, Ladislav Hlavatý, and Libor Snobl. On the Poisson–Lie T -plurality of boundary conditions. *Journal of Mathematical Physics*, 49(3):032301, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032301_s1.

Douglas:2008:NCY

- [1381] Michael R. Douglas, Robert L. Karp, Sergio Lukic, and René Reinbacher. Numerical Calabi–Yau metrics. *Journal of Mathematical Physics*, 49(3):032302, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032302_s1.

Tiwari:2008:TP

- [1382] S. C. Tiwari. Topological photon. *Journal of Mathematical Physics*, 49(3):032303, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032303_s1.

Finster:2008:RFP

- [1383] Felix Finster. On the regularized fermionic projector of the vacuum. *Journal of Mathematical Physics*, 49(3):032304, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032304_s1.

Jakubassa-Amundsen:2008:HKE

- [1384] D. H. Jakubassa-Amundsen. Heat kernel estimates and spectral properties of a pseudorelativistic operator with magnetic field. *Journal of Mathematical Physics*, 49(3):032305, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032305_s1.

Garidi:2008:MVF

- [1385] T. Garidi, J.-P. Gazeau, S. Rouhani, and M. V. Takook. “massless” vector field in de Sitter universe. *Journal of Mathematical Physics*, 49(3):032501, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032501_s1.

Bali:2008:BTC

- [1386] Raj Bali and Naresh Kumar Chandnani. Bianchi type-I cosmological model for perfect fluid distribution in Lyra geometry. *Journal of Mathematical Physics*, 49(3):032502, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032502_s1.

Girelli:2008:THG

- [1387] F. Girelli, H. Pfeiffer, and E. M. Popescu. Topological higher gauge theory: From *BF* to *BFCG* theory. *Journal of Mathematical Physics*, 49(3):032503, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032503_s1.

Antippa:2008:HDH

- [1388] Adel F. Antippa and Daniel M. Dubois. Hyperincurative discrete harmonic oscillator. *Journal of Mathematical Physics*, 49(3):032701, March

2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032701_s1.

Llibre:2008:DIA

- [1389] Jaume Llibre and Clàudia Valls. Darboux integrability and algebraic invariant surfaces for the Rikitake system. *Journal of Mathematical Physics*, 49(3):032702, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032702_s1.

Carinena:2008:HOR

- [1390] José F. Cariñena, Manuel F. Rañada, and Mariano Santander. The harmonic oscillator on Riemannian and Lorentzian configuration spaces of constant curvature. *Journal of Mathematical Physics*, 49(3):032703, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032703_s1.

Anzaldo-Meneses:2008:DSN

- [1391] A. Anzaldo-Meneses and F. Monroy-Pérez. Dynamical systems and nilpotent sub-Riemannian geometry. *Journal of Mathematical Physics*, 49(3):032704, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032704_s1.

Crampin:2008:RPN

- [1392] M. Crampin and T. Mestdag. Routh's procedure for non-Abelian symmetry groups. *Journal of Mathematical Physics*, 49(3):032901, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032901_s1.

Adams:2008:PCR

- [1393] A. J. Adams. Postbuckling of circular rings: An analytical solution. *Journal of Mathematical Physics*, 49(3):032902, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032902_s1.

Ochiai:2008:NDD

- [1394] T. Ochiai, U. Leonhardt, and J. C. Nacher. A novel design of dielectric perfect invisibility devices. *Journal of Mathematical Physics*, 49(3):

032903, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p032903_s1.

Shcherbina:2008:DSL

- [1395] Mariya Shcherbina. Double scaling limit for matrix models with nonanalytic potentials. *Journal of Mathematical Physics*, 49(3):033501, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033501_s1.

Jureit:2008:CIA

- [1396] Jan-Hendrik Jureit and Christoph A. Stephan. On a classification of irreducible almost-commutative geometries IV. *Journal of Mathematical Physics*, 49(3):033502, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033502_s1.

Yong:2008:ICP

- [1397] Wen-An Yong. An interesting class of partial differential equations. *Journal of Mathematical Physics*, 49(3):033503, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033503_s1.

Ferreira:2008:RID

- [1398] Erasmo Ferreira and Javier Sesma. Representation of integral dispersion relations by local forms. *Journal of Mathematical Physics*, 49(3):033504, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033504_s1.

Camargo:2008:DFO

- [1399] R. Figueiredo Camargo, Ary O. Chiacchio, and E. Capelas de Oliveira. Differentiation to fractional orders and the fractional telegraph equation. *Journal of Mathematical Physics*, 49(3):033505, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033505_s1.

Becker:2008:SFX

- [1400] Peter A. Becker. Spectral formation in X-ray pulsars and associated identities involving the Laguerre polynomials. *Journal of Mathematical Physics*, 49(3):033506, March 2008. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033506_s1.

Weimar-Woods:2008:CIL

- [1401] Evelyn Weimar-Woods. Contractions of invariants of Lie algebras with applications to classical inhomogeneous Lie algebras. *Journal of Mathematical Physics*, 49(3):033507, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033507_s1.

Choup:2008:EEL

- [1402] Leonard N. Choup. Edgeworth expansion of the largest eigenvalue distribution function of Gaussian unitary ensemble revisited. *Journal of Mathematical Physics*, 49(3):033508, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033508_s1.

Sitarz:2008:TDO

- [1403] Andrzej Sitarz. Twisted Dirac operators over quantum spheres. *Journal of Mathematical Physics*, 49(3):033509, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033509_s1.

Iguri:2008:SRG

- [1404] S. M. Iguri and M. A. Castagnino. Some remarks on the Gelfand–Naimark–Segal representations of topological $*$ -algebras. *Journal of Mathematical Physics*, 49(3):033510, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033510_s1.

Ma:2008:SIA

- [1405] Wen-Xiu Ma, Jing-Song He, and Zhen-Yun Qin. A supertrace identity and its applications to superintegrable systems. *Journal of Mathematical Physics*, 49(3):033511, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033511_s1.

Akant:2008:ESG

- [1406] Levent Akant. Equivariant symplectic geometry of gauge fixing in Yang–Mills theory. *Journal of Mathematical Physics*, 49(3):033512, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033512_s1.

Wang:2008:GNQ

- [1407] Hai-Jun Wang. General nonlocality in quantum fields. *Journal of Mathematical Physics*, 49(3):033513, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033513_s1. See comment [2202] and erratum [2214].

Minami:2008:FES

- [1408] Kazuhiko Minami. The free energies of six-vertex models and the n -equivalence relation. *Journal of Mathematical Physics*, 49(3):033514, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033514_s1.

Batalin:2008:OSC

- [1409] Igor A. Batalin and Klaus Bering. Odd scalar curvature in field-antifield formalism. *Journal of Mathematical Physics*, 49(3):033515, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033515_s1.

Guo:2008:BGE

- [1410] Zhengguang Guo. Blow up, global existence, and infinite propagation speed for the weakly dissipative Camassa–Holm equation. *Journal of Mathematical Physics*, 49(3):033516, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033516_s1.

Sahadevan:2008:BTf

- [1411] R. Sahadevan and S. Rajakumar. Bilinear, trilinear forms, and exact solution of certain fourth order integrable difference equations. *Journal of Mathematical Physics*, 49(3):033517, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033517_s1.

Kocabova:2008:GBA

- [1412] P. Kocábová and P. Stovicek. Generalized Bloch analysis and propagators on Riemannian manifolds with a discrete symmetry. *Journal of Mathematical Physics*, 49(3):033518, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033518_s1.

Chmielinski:2008:PWE

- [1413] Jacek Chmieliński, Dijana Ilisević, Mohammad Sal Moslehian, and Ghadir Sadeghi. Perturbation of the Wigner equation in inner product C^* -modules. *Journal of Mathematical Physics*, 49(3):033519, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033519_s1.

Petalidou:2008:AGQ

- [1414] Fani Petalidou. Addendum: “On the geometric quantization of twisted Poisson manifolds”, [J. Math. Phys. **48**, 083502 (2007)]. *Journal of Mathematical Physics*, 49(3):033520, March 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i3/p033520_s1. See [1145].

Fakhri:2008:CBG

- [1415] H. Fakhri and A. Dehghani. Comment on “Barut–Girardello and Klauder–Perelomov coherent states for the Kravchuk functions”, [J. Math. Phys. **48**, 112106 (2007)]. *Journal of Mathematical Physics*, 49(4):042101, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042101_s1. See [1233].

Brandao:2008:CED

- [1416] F. G. S. L. Brandão and J. Eisert. Correlated entanglement distillation and the structure of the set of undistillable states. *Journal of Mathematical Physics*, 49(4):042102, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042102_s1.

Benatti:2008:EIB

- [1417] Fabio Benatti, Alexandra M. Liguori, and Adam Nagy. Environment induced bipartite entanglement. *Journal of Mathematical Physics*, 49(4):042103, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042103_s1.

Robert:2008:SVG

- [1418] D. Robert and A. V. Smilga. Supersymmetry versus ghosts. *Journal of Mathematical Physics*, 49(4):042104, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042104_s1.

DellAntonio:2008:JEP

- [1419] Gianfausto Dell'Antonio, Rodolfo Figari, and Alessandro Teta. Joint excitation probability for two harmonic oscillators in one dimension and the Mott problem. *Journal of Mathematical Physics*, 49(4):042105, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042105_s1.

Rotteler:2008:DDS

- [1420] Martin Rötteler. Dynamical decoupling schemes derived from Hamilton cycles. *Journal of Mathematical Physics*, 49(4):042106, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042106_s1.

Bouguerra:2008:TDP

- [1421] Y. Bouguerra, A. Bounames, M. Maamache, and Y. Saadi. Time-dependent Pauli equation in the presence of the Aharonov–Bohm effect. *Journal of Mathematical Physics*, 49(4):042107, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042107_s1.

Dzhunushaliev:2008:NSH

- [1422] Vladimir Dzhunushaliev. Nonassociativity, supersymmetry, and hidden variables. *Journal of Mathematical Physics*, 49(4):042108, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042108_s1.

Suzuki:2008:PSM

- [1423] Akito Suzuki. Physical subspace in a model of the quantized electromagnetic field coupled to an external field with an indefinite metric. *Journal of Mathematical Physics*, 49(4):042301, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042301_s1.

Chaichian:2008:NFA

- [1424] M. Chaichian, P. P. Kulish, A. Tureanu, R. B. Zhang, and Xiao Zhang. Noncommutative fields and actions of twisted Poincaré algebra. *Journal of Mathematical Physics*, 49(4):042302, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042302_s1.

daVeiga:2008:EWD

- [1425] Paulo A. Faria da Veiga and Michael O'Carroll. Eightfold way from dynamical first principles in strongly coupled lattice quantum chromodynamics. *Journal of Mathematical Physics*, 49(4):042303, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042303_s1.

Castro:2008:EGA

- [1426] Carlos Castro. The Euclidean gravitational action as black hole entropy, singularities, and spacetime voids. *Journal of Mathematical Physics*, 49(4):042501, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042501_s1. See comments [1834].

Garraffo:2008:GSV

- [1427] C. Garraffo, G. Giribet, E. Gravanis, and S. Willison. Gravitational solitons and C^0 vacuum metrics in five-dimensional Lovelock gravity. *Journal of Mathematical Physics*, 49(4):042502, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042502_s1.

Clement:2008:SFD

- [1428] Gérard Clément. The symmetries of five-dimensional minimal supergravity reduced to three dimensions. *Journal of Mathematical Physics*, 49(4):042503, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042503_s1. See erratum [1566].

Giambo:2008:GBH

- [1429] Roberto Giambò, Fabio Giannoni, and Giulio Magli. Genericity of black hole formation in the gravitational collapse of homogeneous self-interacting scalar fields. *Journal of Mathematical Physics*, 49(4):042504, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042504_s1.

Sugny:2008:FHM

- [1430] D. Sugny, P. Mardesić, M. Pelletier, A. Jebrane, and H. R. Jauslin. Fractional Hamiltonian monodromy from a Gauss–Manin monodromy. *Journal of Mathematical Physics*, 49(4):042701, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042701_s1.

Zak:2008:QIM

- [1431] Michail Zak. Quantum-inspired maximizer. *Journal of Mathematical Physics*, 49(4):042702, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042702_s1.

Barnich:2008:SCA

- [1432] Glenn Barnich and Geoffrey Compère. Surface charge algebra in gauge theories and thermodynamic integrability. *Journal of Mathematical Physics*, 49(4):042901, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042901_s1.

Pasquero:2008:NUC

- [1433] Stefano Pasquero. Nonideal unilateral constraints in impulsive mechanics: A geometric approach. *Journal of Mathematical Physics*, 49(4):042902, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042902_s1.

Santoprete:2008:GHO

- [1434] Manuele Santoprete. Gravitational and harmonic oscillator potentials on surfaces of revolution. *Journal of Mathematical Physics*, 49(4):042903, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p042903_s1.

Heibig:2008:RSS

- [1435] Arnaud Heibig and Liviu Iulian Palade. On the rest state stability of an objective fractional derivative viscoelastic fluid model. *Journal of Mathematical Physics*, 49(4):043101, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043101_s1.

Scardicchio:2008:EOD

- [1436] A. Scardicchio, F. H. Stillinger, and S. Torquato. Estimates of the optimal density of sphere packings in high dimensions. *Journal of Mathematical Physics*, 49(4):043301, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043301_s1.

Pule:2008:SBM

- [1437] Joe V. Pulé, André F. Verbeure, and Valentin A. Zagrebnoy. On solvable boson models. *Journal of Mathematical Physics*, 49(4):043302, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043302_s1.

Chevalier:2008:RDU

- [1438] C. Chevalier and F. Debbasch. Relativistic diffusions: A unifying approach. *Journal of Mathematical Physics*, 49(4):043303, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043303_s1.

Abe:2008:BLE

- [1439] Mitsuo Abe and Katsunori Kawamura. Branching laws for endomorphisms of fermions and the Cuntz algebra O_2 . *Journal of Mathematical Physics*, 49(4):043501, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043501_s1.

Grundland:2008:SVH

- [1440] A. M. Grundland and A. J. Hariton. Supersymmetric version of a hydrodynamic system in Riemann invariants and its solutions. *Journal of Mathematical Physics*, 49(4):043502, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043502_s1.

Rumanov:2008:CBT

- [1441] Igor Rumanov. The correspondence between Tracy–Widom and Adler–Shiota–van Moerbeke approaches in random matrix theory: The Gaussian case. *Journal of Mathematical Physics*, 49(4):043503, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043503_s1.

Vacaru:2008:NRF

- [1442] Sergiu I. Vacaru. Nonholonomic Ricci flows. II. Evolution equations and dynamics. *Journal of Mathematical Physics*, 49(4):043504, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043504_s1.

Iwai:2008:RVE

- [1443] Toshihiro Iwai and Hidetaka Yamaoka. Rotational-vibrational energy spectra of triatomic molecules near relative equilibria. *Journal of Mathematical Physics*, 49(4):043505, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043505_s1.

Donnelly:2008:MNE

- [1444] Harold Donnelly. Maxima of Neumann eigenfunctions. *Journal of Mathematical Physics*, 49(4):043506, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043506_s1.

Liu:2008:IBV

- [1445] Jianli Liu and Yi Zhou. Initial-boundary value problem for the equation of timelike extremal surfaces in Minkowski space. *Journal of Mathematical Physics*, 49(4):043507, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043507_s1.

Zhang:2008:FOF

- [1446] Zhiyue Zhang and Dingwen Deng. A fourth-order finite difference solver for nerve conduction equation in rectangular domains. *Journal of Mathematical Physics*, 49(4):043508, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043508_s1.

Marucho:2008:NBS

- [1447] M. Marucho. Non-Borel summable Φ^4 theory in zero dimension: A toy model for testing numerical and analytical methods. *Journal of Mathematical Physics*, 49(4):043509, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043509_s1.

Coffey:2008:TDS

- [1448] Mark W. Coffey. On a three-dimensional symmetric Ising tetrahedron and contributions to the theory of the dilogarithm and Clausen functions. *Journal of Mathematical Physics*, 49(4):043510, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043510_s1.

Kim:2008:SCC

- [1449] Ki hong Kim and Jack J. Yoh. Shock compression of condensed matter using multimaterial reactive ghost fluid method. *Journal of Mathematical Physics*, 49(4):043511, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043511_s1.

Xu:2008:RNS

- [1450] Runzhang Xu and Yacheng Liu. Remarks on nonlinear Schrödinger equation with harmonic potential. *Journal of Mathematical Physics*, 49(4):043512, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043512_s1.

Chang:2008:VOE

- [1451] Wen-Jing Chang and Xiang-Mao Ding. On the vertex operators of the elliptic quantum algebra $U_{q,p}(\hat{\mathfrak{sl}}_2)_k$. *Journal of Mathematical Physics*, 49(4):043513, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043513_s1.

Balinsky:2008:DSI

- [1452] A. Balinsky, W. D. Evans, and Y. Saito. Dirac–Sobolev inequalities and estimates for the zero modes of massless Dirac operators. *Journal of Mathematical Physics*, 49(4):043514, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043514_s1.

Donninger:2008:MSS

- [1453] Roland Donninger and Peter C. Aichelburg. On the mode stability of a self-similar wave map. *Journal of Mathematical Physics*, 49(4):043515, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043515_s1.

Bering:2008:SSC

- [1454] K. Bering. Semidensities, second-class constraints, and conversion in anti-Poisson geometry. *Journal of Mathematical Physics*, 49(4):043516, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043516_s1.

Lee:2008:ICL

- [1455] Chiun-Chang Lee and Tai-Chia Lin. Incompressible and compressible limits of two-component Gross–Pitaevskii equations with rotating fields and trap potentials. *Journal of Mathematical Physics*, 49(4):043517, April 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i4/p043517_s1.

Fakhri:2008:CGK

- [1456] H. Fakhri and A. Dehghani. Comments on “Gazeau–Klauder coherent states for trigonometric Rosen–Morse potential”, [J. Math. Phys. **49**, 022104 (2008)]. *Journal of Mathematical Physics*, 49(5):052101, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052101_s1. See [1334].

Khrennikov:2008:RNL

- [1457] Andrei Khrennikov. The role of von Neumann and Lüders postulates in the Einstein, Podolsky, and Rosen considerations: Comparing measurements with degenerate and nondegenerate spectra. *Journal of Mathematical Physics*, 49(5):052102, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052102_s1.

Clark:2008:DRG

- [1458] Jeremy Clark. Decoherence rates for Galilean covariant dynamics. *Journal of Mathematical Physics*, 49(5):052103, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052103_s1.

Shikano:2008:OCM

- [1459] Yutaka Shikano and Akio Hosoya. Optimal covariant measurement of momentum on a half line in quantum mechanics. *Journal of Mathematical Physics*, 49(5):052104, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052104_s1.

Dong:2008:ACD

- [1460] Jianping Dong and Mingyu Xu. Applications of continuity and discontinuity of a fractional derivative of the wave functions to fractional quantum mechanics. *Journal of Mathematical Physics*, 49(5):052105, May

2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052105_s1.

Gudder:2008:CSP

- [1461] Stan Gudder and Frédéric Latrémolière. Characterization of the sequential product on quantum effects. *Journal of Mathematical Physics*, 49(5):052106, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052106_s1.

Jaffe:2008:RPM

- [1462] Arthur Jaffe and Gordon Ritter. Reflection positivity and monotonicity. *Journal of Mathematical Physics*, 49(5):052301, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052301_s1.

Kelnhofer:2008:AGT

- [1463] Gerald Kelnhofer. Abelian gauge theories on compact manifolds and the Gribov ambiguity. *Journal of Mathematical Physics*, 49(5):052302, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052302_s1.

Brouder:2008:RSS

- [1464] Christian Brouder and Michael Dütsch. Relating on-shell and off-shell formalisms in perturbative quantum field theory. *Journal of Mathematical Physics*, 49(5):052303, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052303_s1.

Bruning:2008:SLM

- [1465] E. Brüning and S. Nagamachi. Solution of a linearized model of Heisenberg's fundamental equation II. *Journal of Mathematical Physics*, 49(5):052304, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052304_s1.

Al-Badawi:2008:SDE

- [1466] A. Al-Badawi and I. Sakalli. Solution of the Dirac equation in the rotating Bertotti–Robinson spacetime. *Journal of Mathematical Physics*, 49(5):

052501, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052501_s1.

Ulanovskii:2008:GPC

- [1467] M. Ulanovskii. On global properties of certain homogeneous exact solutions of Einstein field equations. *Journal of Mathematical Physics*, 49(5):052502, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052502_s1.

Calogero:2008:NCS

- [1468] Francesco Calogero. A new class of solvable dynamical systems. *Journal of Mathematical Physics*, 49(5):052701, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052701_s1.

Jones:2008:CCQ

- [1469] Robert T. Jones. Central configurations with a quasihomogeneous potential function. *Journal of Mathematical Physics*, 49(5):052901, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p052901_s1.

Abdesselam:2008:NEV

- [1470] B. Abdesselam and A. Chakrabarti. A new eight vertex model and higher dimensional, multiparameter generalizations. *Journal of Mathematical Physics*, 49(5):053301, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053301_s1.

Imamura:2008:CFS

- [1471] T. Imamura and T. Sasamoto. Correlation function of the Schur process with a fixed final partition. *Journal of Mathematical Physics*, 49(5):053302, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053302_s1.

Ruiz:2008:KLS

- [1472] Jean Ruiz and Marc Wouts. On the Kertész line: Some rigorous bounds. *Journal of Mathematical Physics*, 49(5):053303, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053303_s1.

Bogoyavlenskij:2008:LVS

- [1473] Oleg Bogoyavlenskij, Yoshiaki Itoh, and Tetsuyuki Yukawa. Lotka–Volterra systems integrable in quadratures. *Journal of Mathematical Physics*, 49(5):053501, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053501_s1.

Arn lind:2008:RTA

- [1474] Joakim Arn lind. Representation theory of C -algebras for a higher-order class of spheres and tori. *Journal of Mathematical Physics*, 49(5):053502, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053502_s1.

Odake:2008:OPH

- [1475] Satoru Odake and Ryu Sasaki. Orthogonal polynomials from Hermitian matrices. *Journal of Mathematical Physics*, 49(5):053503, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053503_s1.

Sahai:2008:MCA

- [1476] Vivek Sahai and Sarasvati Yadav. On models of certain p, q -algebra representations: The p, q -oscillator algebra. *Journal of Mathematical Physics*, 49(5):053504, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053504_s1.

Tkadlec:2008:AOE

- [1477] Josef Tkadlec. Atomistic and orthoatomistic effect algebras. *Journal of Mathematical Physics*, 49(5):053505, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053505_s1.

Ma:2008:DPT

- [1478] Tian Ma and Shouhong Wang. Dynamic phase transitions for ferromagnetic systems. *Journal of Mathematical Physics*, 49(5):053506, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053506_s1.

Fyodorov:2008:HHS

- [1479] Y. V. Fyodorov, Y. Wei, and M. R. Zirnbauer. Hyperbolic Hubbard–Stratonovich transformation made rigorous. *Journal of Mathematical Physics*, 49(5):053507, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053507_s1.

Wang:2008:LEC

- [1480] Hai-Jun Wang. The Lorentz extension as consequence of the family symmetry. *Journal of Mathematical Physics*, 49(5):053508, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053508_s1.

Dattoli:2008:HAU

- [1481] G. Dattoli, D. Levi, and P. Winternitz. Heisenberg algebra, umbral calculus and orthogonal polynomials. *Journal of Mathematical Physics*, 49(5):053509, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053509_s1.

Wu:2008:CDV

- [1482] Xian Wu. On a class of damped vibration problems with obstacles and without direct variational structures. *Journal of Mathematical Physics*, 49(5):053510, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053510_s1.

Park:2008:EAS

- [1483] Jong Yeoul Park and Tae Gab Ha. Existence and asymptotic stability for the semilinear wave equation with boundary damping and source term. *Journal of Mathematical Physics*, 49(5):053511, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053511_s1. See erratum [1940].

Li:2008:RSV

- [1484] Junbo Li and Yucai Su. Representations of the Schrödinger–Virasoro algebras. *Journal of Mathematical Physics*, 49(5):053512, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053512_s1.

Hu:2008:LHS

- [1485] Liangzhong Hu. The Laplacian on homogeneous spaces. *Journal of Mathematical Physics*, 49(5):053513, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053513_s1.

Conca:2008:BCP

- [1486] C. Conca, J. San Martín, L. Smaranda, and M. Vanninathan. On Burnett coefficients in periodic media in low contrast regime. *Journal of Mathematical Physics*, 49(5):053514, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053514_s1.

Doring:2008:TFTa

- [1487] A. Döring and C. J. Isham. A topos foundation for theories of physics: I. Formal languages for physics. *Journal of Mathematical Physics*, 49(5):053515, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053515_s1.

Doring:2008:TFTb

- [1488] A. Döring and C. J. Isham. A topos foundation for theories of physics: II. Daseinisation and the liberation of quantum theory. *Journal of Mathematical Physics*, 49(5):053516, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053516_s1.

Doring:2008:TFTc

- [1489] A. Döring and C. J. Isham. A topos foundation for theories of physics: III. The representation of physical quantities with arrows $\check{\delta}^o(A): \underline{\Sigma} \rightarrow \underline{\mathbf{R}}^{\check{\succ}}$. *Journal of Mathematical Physics*, 49(5):053517, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053517_s1.

Doring:2008:TFTd

- [1490] A. Döring and C. J. Isham. A topos foundation for theories of physics: IV. Categories of systems. *Journal of Mathematical Physics*, 49(5):053518, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053518_s1.

Gao:2008:NID

- [1491] Ya-Jun Gao. New infinite-dimensional quadruple symmetry groups for the general symplectic gravity model. *Journal of Mathematical Physics*, 49(5):053519, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053519_s1.

Bogoyavlenskij:2008:FIP

- [1492] O. Bogoyavlenskij and P. Reynolds. Form-invariant Poisson brackets of hydrodynamic type with several spatial variables. *Journal of Mathematical Physics*, 49(5):053520, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053520_s1.

El-Nabulsi:2008:FAV

- [1493] Rami Ahmad El-Nabulsi and Delfim F. M. Torres. Fractional actionlike variational problems. *Journal of Mathematical Physics*, 49(5):053521, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053521_s1.

Bagarello:2008:AQD

- [1494] F. Bagarello. O^* -algebras and quantum dynamics: Some existence results. *Journal of Mathematical Physics*, 49(5):053522, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053522_s1.

Skorupski:2008:PIA

- [1495] Andrzej A. Skorupski. Phase integral approximation for coupled ordinary differential equations of the Schrödinger type. *Journal of Mathematical Physics*, 49(5):053523, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053523_s1.

Dolya:2008:QES

- [1496] S. N. Dolya. Quasi-exactly solvable models based on special functions. *Journal of Mathematical Physics*, 49(5):053524, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053524_s1.

Luhn:2008:QFS

- [1497] Christoph Luhn and Pierre Ramond. Quintics with finite simple symmetries. *Journal of Mathematical Physics*, 49(5):053525, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p053525_s1.

Birkandan:2008:CDE

- [1498] T. Birkandan and M. Hortaçsu. Comment on “Dirac equation in the background of the Nutku helicoid metric”, [J. Math. Phys. **48**, 092301 (2007)]. *Journal of Mathematical Physics*, 49(5):054101, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p054101_s1. See [1166].

Chen:2008:ECM

- [1499] Bang-Yen Chen and Franki Dillen. Erratum: “Classification of marginally trapped Lagrangian surfaces in Lorentzian complex space form”, [J. Math. Phys. **48**, 013509 (2007)]. *Journal of Mathematical Physics*, 49(5):059901, May 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i5/p059901_s1. See [893].

Lundholm:2008:GSQ

- [1500] D. Lundholm. On the geometry of supersymmetric quantum mechanical systems. *Journal of Mathematical Physics*, 49(6):062101, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062101_s1.

Chen:2008:VDS

- [1501] Goong Chen, Zhonghai Ding, Alain Perronnet, and Zhigang Zhang. Visualization and dimensional scaling for some three-body problems in atomic and molecular quantum mechanics. *Journal of Mathematical Physics*, 49(6):062102, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062102_s1.

Ma:2008:STB

- [1502] Li Ma and Lin Zhao. Sharp thresholds of blow-up and global existence for the coupled nonlinear Schrödinger system. *Journal of Mathematical Physics*, 49(6):062103, June 2008. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062103_s1.

Aleixo:2008:PSS

- [1503] A. N. F. Aleixo and A. B. Balantekin. Purely squeezed states for quantum deformed systems. *Journal of Mathematical Physics*, 49(6):062104, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062104_s1. See publisher's note [1588].

Wehner:2008:HEU

- [1504] Stephanie Wehner and Andreas Winter. Higher entropic uncertainty relations for anti-commuting observables. *Journal of Mathematical Physics*, 49(6):062105, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062105_s1.

Tho:2008:IIC

- [1505] Nguyen Vien Tho. Interaction of imaginary-charge-carrying dyon with particles. *Journal of Mathematical Physics*, 49(6):062301, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062301_s1.

Dimock:2008:MTA

- [1506] J. Dimock. More transition amplitudes on the Riemann sphere. *Journal of Mathematical Physics*, 49(6):062302, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062302_s1.

Krishnaswami:2008:SDO

- [1507] Govind S. Krishnaswami. Schwinger–Dyson operators as invariant vector fields on a matrix model analog of the group of loops. *Journal of Mathematical Physics*, 49(6):062303, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062303_s1.

Dolan:2008:RLE

- [1508] P. Dolan and A. Gerber. The Riemann–Lanczos equations in general relativity and their integrability. *Journal of Mathematical Physics*, 49(6):062501, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062501_s1.

Bini:2008:MFP

- [1509] D. Bini, C. Cherubini, and A. Geralico. Massless field perturbations of the spinning C metric. *Journal of Mathematical Physics*, 49(6):062502, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062502_s1.

Minguzzi:2008:NIC

- [1510] E. Minguzzi. Non-imprisonment conditions on spacetime. *Journal of Mathematical Physics*, 49(6):062503, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062503_s1.

Claussen:2008:TER

- [1511] Jens Christian Claussen. Time evolution of the rule 150 cellular automaton activity from a Fibonacci iteration. *Journal of Mathematical Physics*, 49(6):062701, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062701_s1.

Díaz:2008:ICF

- [1512] Rafael Díaz and Lorenzo Leal. Invariants from classical field theory. *Journal of Mathematical Physics*, 49(6):062901, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062901_s1.

Barbero-Linan:2008:UFN

- [1513] María Barbero-Liñán, Arturo Echeverría-Enríquez, David Martín de Diego, Miguel C. Muñoz-Lecanda, and Narciso Román-Roy. Unified formalism for nonautonomous mechanical systems. *Journal of Mathematical Physics*, 49(6):062902, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062902_s1.

Harnad:2008:MHS

- [1514] John Harnad and Jacques Hurtubise. Multi-Hamiltonian structures for r -matrix systems. *Journal of Mathematical Physics*, 49(6):062903, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062903_s1.

Gryc:2008:HCC

- [1515] William E. Gryc. On the holonomy of the Coulomb connection over manifolds with boundary. *Journal of Mathematical Physics*, 49(6):062904, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p062904_s1.

Baty:2008:NAJ

- [1516] Roy S. Baty, F. Farassat, and Don H. Tucker. Nonstandard analysis and jump conditions for converging shock waves. *Journal of Mathematical Physics*, 49(6):063101, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063101_s1.

Khare:2008:DWP

- [1517] Avinash Khare and Avadh Saxena. Domain wall and periodic solutions of a coupled ϕ^6 model. *Journal of Mathematical Physics*, 49(6):063301, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063301_s1.

Bhattacharya:2008:TDC

- [1518] Satyabrata Bhattacharya, Suman Kumar Banik, Sudip Chattopadhyay, and Jyotipratim Ray Chaudhuri. Time dependent current in a nonstationary environment: A microscopic approach. *Journal of Mathematical Physics*, 49(6):063302, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063302_s1.

Droz-Vincent:2008:SPE

- [1519] Philippe Droz-Vincent. Scalar products of elementary distributions. *Journal of Mathematical Physics*, 49(6):063501, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063501_s1.

Zenchuk:2008:LDR

- [1520] A. I. Zenchuk. Lower-dimensional reductions of $GL(M, \mathbf{C})$ self-dual Yang Mills equation: Solutions with break of wave profiles. *Journal of Mathematical Physics*, 49(6):063502, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063502_s1.

Kwon:2008:SSA

- [1521] Namhee Kwon and Daniel S. Sage. Subrepresentation semirings and an analog of $6j$ -symbols. *Journal of Mathematical Physics*, 49(6):063503, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063503_s1.

Carmeli:2008:ECP

- [1522] Claudio Carmeli, Teiko Heinosaari, Juha-Pekka Pellonpää, and Alessandro Toigo. Extremal covariant positive operator valued measures: The case of a compact symmetry group. *Journal of Mathematical Physics*, 49(6):063504, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063504_s1.

Zhenyun:2008:GAL

- [1523] Qin Zhenyun. A generalized Ablowitz–Ladik hierarchy, multi-Hamiltonian structure and Darboux transformation. *Journal of Mathematical Physics*, 49(6):063505, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063505_s1.

Campoamor-Stursberg:2008:KSL

- [1524] R. Campoamor-Stursberg and M. Rausch de Traubenberg. Kinematical superalgebras and Lie algebras of order 3. *Journal of Mathematical Physics*, 49(6):063506, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063506_s1.

Rassias:2008:AHD

- [1525] John Michael Rassias and Hark-Mahn Kim. Approximate homomorphisms and derivations between C^* -ternary algebras. *Journal of Mathematical Physics*, 49(6):063507, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063507_s1.

Ancarani:2008:DOC

- [1526] L. U. Ancarani and G. Gasaneo. Derivatives of any order of the confluent hypergeometric function ${}_1F_1(a, b, z)$ with respect to the parameter a or b . *Journal of Mathematical Physics*, 49(6):063508, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063508_s1.

Daboul:2008:GCA

- [1527] Claudia Daboul, Jamil Daboul, and Marc de Montigny. Gradings and contractions of affine Kac–Moody algebras. *Journal of Mathematical Physics*, 49(6):063509, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063509_s1.

Lehner:2008:CEM

- [1528] C. Lehner, T. Wettig, T. Guhr, and Y. Wei. Character expansion method for supergroups and extended superversions of the Leutwyler–Smilga and Berezin–Karpelevich integrals. *Journal of Mathematical Physics*, 49(6):063510, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063510_s1.

Miao:2008:DSP

- [1529] Dong Miao. The discrete spectrum of the periodic Maxwell operator perturbed by a decreasing potential. *Journal of Mathematical Physics*, 49(6):063511, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063511_s1.

Bastos:2008:WWF

- [1530] Catarina Bastos, Orfeu Bertolami, Nuno Costa Dias, and João Nuno Prata. Weyl–Wigner formulation of noncommutative quantum mechanics. *Journal of Mathematical Physics*, 49(7):072101, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072101_s1.

Meiler:2008:SCP

- [1531] Maria Meiler, Ricardo Cordero-Soto, and Sergei K. Suslov. Solution of the Cauchy problem for a time-dependent Schrödinger equation. *Journal of Mathematical Physics*, 49(7):072102, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072102_s1.

Konstein:2008:DCE

- [1532] S. E. Konstein and I. V. Tyutin. Deformations and central extensions of the antibracket superalgebra. *Journal of Mathematical Physics*, 49(7):072103, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072103_s1.

Mosonyi:2008:ADM

- [1533] Milán Mosonyi, Fumio Hiai, Tomohiro Ogawa, and Mark Fannes. Asymptotic distinguishability measures for shift-invariant quasifree states of fermionic lattice systems. *Journal of Mathematical Physics*, 49(7):072104, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072104_s1.

Gudder:2008:QMC

- [1534] Stanley Gudder. Quantum Markov chains. *Journal of Mathematical Physics*, 49(7):072105, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072105_s1.

Neto:2008:MEW

- [1535] Antônio Francisco Neto, Michael O'Carroll, and Paulo A. Faria da Veiga. Mesonic eightfold way from dynamics and confinement in strongly coupled lattice quantum chromodynamics. *Journal of Mathematical Physics*, 49(7):072301, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072301_s1.

Rybkin:2008:ERC

- [1536] Alexei Rybkin. On the evolution of a reflection coefficient under the Korteweg–de Vries flow. *Journal of Mathematical Physics*, 49(7):072701, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072701_s1.

Blaszak:2008:IDS

- [1537] Maciej Blaszak, Metin Gürses, Burcu Silindir, and Blazej M. Szablikowski. Integrable discrete systems on \mathbf{R} and related dispersionless systems. *Journal of Mathematical Physics*, 49(7):072702, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072702_s1.

Szydowski:2008:PFR

- [1538] Marek Szydowski and Orest Hrycyna. Paths of Friedmann–Robertson–Walker brane models. *Journal of Mathematical Physics*, 49(7):072703, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072703_s1.

Jia:2008:ICH

- [1539] M. Jia, P. Liu, and S. Y. Lou. An integrable coupled hybrid lattice and its exact solutions. *Journal of Mathematical Physics*, 49(7):072901, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p072901_s1.

Niedermaier:2008:LEH

- [1540] M. Niedermaier and E. Seiler. The large N expansion in hyperbolic sigma models. *Journal of Mathematical Physics*, 49(7):073301, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073301_s1.

Lv:2008:SMF

- [1541] Long-Jin Lv, Jian-Bin Xiao, Fu-Yao Ren, and Lei Gao. Solutions for multidimensional fractional anomalous diffusion equations. *Journal of Mathematical Physics*, 49(7):073302, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073302_s1.

Jafarizadeh:2008:CER

- [1542] M. A. Jafarizadeh, R. Sufiani, and S. Jafarizadeh. Calculating effective resistances on underlying networks of association schemes. *Journal of Mathematical Physics*, 49(7):073303, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073303_s1.

Ma:2008:DMP

- [1543] Tian Ma and Shouhong Wang. Dynamic model and phase transitions for liquid helium. *Journal of Mathematical Physics*, 49(7):073304, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073304_s1.

Kang:2008:NAE

- [1544] Nam Lyong Kang and Sang Don Choi. A new approach to electron-spin resonance absorption line shape function. *Journal of Mathematical Physics*, 49(7):073501, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073501_s1.

Lievens:2008:HOC

- [1545] S. Lievens, N. I. Stoilova, and J. Van der Jeugt. Harmonic oscillator chains as Wigner quantum systems: Periodic and fixed wall boundary conditions in $\downarrow(\infty|\backslash)$ solutions. *Journal of Mathematical Physics*, 49(7):073502, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073502_s1.

Li:2008:LTS

- [1546] Hai-Liang Li, Guo-Jing Zhang, Min Zhang, and Chengchun Hao. Long-time self-similar asymptotic of the macroscopic quantum models. *Journal of Mathematical Physics*, 49(7):073503, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073503_s1.

Xin:2008:GSD

- [1547] Jie Xin, Boling Guo, Yongqian Han, and Daiwen Huang. The global solution of the $(2+1)$ -dimensional long wave-short wave resonance interaction equation. *Journal of Mathematical Physics*, 49(7):073504, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073504_s1.

Garfinkle:2008:MDN

- [1548] David Garfinkle and James Isenberg. The modeling of degenerate neck pinch singularities in Ricci flow by Bryant solitons. *Journal of Mathematical Physics*, 49(7):073505, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073505_s1.

Wesslen:2008:GDT

- [1549] Maria S. M. Wesslén. A geometric description of tensor product decompositions in $f\sqcap(\exists)$. *Journal of Mathematical Physics*, 49(7):073506, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073506_s1.

Fialowski:2008:MSL

- [1550] Alice Fialowski and Michael Penkava. Moduli spaces of low dimensional real Lie algebras. *Journal of Mathematical Physics*, 49(7):073507, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073507_s1.

Matsuno:2008:PSS

- [1551] Yoshimasa Matsuno. Periodic solutions of the short pulse model equation. *Journal of Mathematical Physics*, 49(7):073508, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073508_s1.

Atakishiyev:2008:ECD

- [1552] N. M. Atakishiyev and A. U. Klimyk. On eigenfunctions of continuous and discrete (anti)symmetric multivariate Fourier transforms. *Journal of Mathematical Physics*, 49(7):073509, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073509_s1.

Jorgensen:2008:ESA

- [1553] Palle E. T. Jorgensen. Essential self-adjointness of the graph-Laplacian. *Journal of Mathematical Physics*, 49(7):073510, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073510_s1.

Chaichian:2008:RGN

- [1554] M. Chaichian, A. Tureanu, R. B. Zhang, and Xiao Zhang. Riemannian geometry of noncommutative surfaces. *Journal of Mathematical Physics*, 49(7):073511, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073511_s1.

Isaev:2008:BRS

- [1555] A. P. Isaev, S. O. Krivonos, and O. V. Ogievetsky. Becchi–Rouet–Stora–Tyutin operators for W algebras. *Journal of Mathematical Physics*, 49(7):073512, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073512_s1.

Lim:2008:MCE

- [1556] S. C. Lim and L. P. Teo. On the minima and convexity of Epstein zeta function. *Journal of Mathematical Physics*, 49(7):073513, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073513_s1.

Lavaei-Yanesi:2008:PSQ

- [1557] L. Lavaei-Yanesi and M. Khorrami. Phase structure of the quartic-cubic generalized two dimensional Yang–Mills $U(N)$ on the sphere. *Journal*

of *Mathematical Physics*, 49(7):073514, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073514_s1.

Ju:2008:CNS

- [1558] Qiangchang Ju, Fucui Li, and Shu Wang. Convergence of the Navier–Stokes–Poisson system to the incompressible Navier–Stokes equations. *Journal of Mathematical Physics*, 49(7):073515, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073515_s1.

Karasu-Kalkanli:2008:NIG

- [1559] Ayse Karasu-Kalkanli, Atalay Karasu, Anton Sakovich, Sergei Sakovich, and Refik Turhan. A new integrable generalization of the Korteweg–de Vries equation. *Journal of Mathematical Physics*, 49(7):073516, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073516_s1.

Nucci:2008:JLM

- [1560] M. C. Nucci and P. G. L. Leach. Jacobi’s last multiplier and Lagrangians for multidimensional systems. *Journal of Mathematical Physics*, 49(7):073517, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073517_s1.

Kirkinis:2008:RGI

- [1561] Eleftherios Kirkinis. The renormalization group and the implicit function theorem for amplitude equations. *Journal of Mathematical Physics*, 49(7):073518, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073518_s1.

Ghaderipoor:2008:GSI

- [1562] Alireza Ghaderipoor and Chintha Tellambura. Generalization of some integrals over unitary matrices by character expansion of groups. *Journal of Mathematical Physics*, 49(7):073519, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073519_s1.

Dikande:2008:BMS

- [1563] Alain Moïse Dikandé. Bright-matter solitons in a uniformly feeded Bose–Einstein condensate with repulsive harmonic potential. *Journal of Math-*

ematical Physics, 49(7):073520, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073520_s1.

Weihua:2008:RTI

- [1564] Liu Weihua and Wu Junde. A representation theorem of infimum of bounded quantum observables. *Journal of Mathematical Physics*, 49(7):073521, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p073521_s1.

Kowalski:2008:HSD

- [1565] Kenneth L. Kowalski. Horn–Silver distributions in D -dimensional Euclidean spaces. *Journal of Mathematical Physics*, 49(7):074101, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p074101_s1.

Clement:2008:ESF

- [1566] Gérard Clément. Erratum: “The symmetries of five-dimensional minimal supergravity reduced to three dimensions”, [*J. Math. Phys.* **49**, 042503 (2008)]. *Journal of Mathematical Physics*, 49(7):079901, July 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i7/p079901_s1. See [1428].

Spector:2008:MLU

- [1567] Donald Spector. Minimal length uncertainty relations and new shape invariant models. *Journal of Mathematical Physics*, 49(8):082101, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082101_s1.

Alhaidari:2008:ECS

- [1568] A. D. Alhaidari and H. Bahlouli. Extending the class of solvable potentials. I. The infinite potential well with a sinusoidal bottom. *Journal of Mathematical Physics*, 49(8):082102, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082102_s1.

Skotiniotis:2008:EVQ

- [1569] Michael Skotiniotis, Aidan Roy, and Barry C. Sanders. On the epistemic view of quantum states. *Journal of Mathematical Physics*, 49(8):

082103, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082103_s1.

Yanez:2008:FIS

- [1570] R. J. Yáñez, P. Sánchez-Moreno, A. Zarzo, and J. S. Dehesa. Fisher information of special functions and second-order differential equations. *Journal of Mathematical Physics*, 49(8):082104, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082104_s1.

Mehri-Dehnavi:2008:GPN

- [1571] Hossein Mehri-Dehnavi and Ali Mostafazadeh. Geometric phase for non-Hermitian Hamiltonians and its holonomy interpretation. *Journal of Mathematical Physics*, 49(8):082105, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082105_s1.

Castro:2008:WOT

- [1572] P. G. Castro, B. Chakraborty, and F. Toppan. Wigner oscillators, twisted Hopf algebras, and second quantization. *Journal of Mathematical Physics*, 49(8):082106, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082106_s1.

Lucietti:2008:ACB

- [1573] James Lucietti and Mukund Rangamani. Asymptotic counting of BPS operators in superconformal field theories. *Journal of Mathematical Physics*, 49(8):082301, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082301_s1.

Hendi:2008:RBB

- [1574] S. H. Hendi. Rotating black branes in Brans–Dicke–Born–Infeld theory. *Journal of Mathematical Physics*, 49(8):082501, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082501_s1.

Szablikowski:2008:DAW

- [1575] Blazej M. Szablikowski and Maciej Blaszak. Dispersionful analog of the Whitham hierarchy. *Journal of Mathematical Physics*, 49(8):082701, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082701_s1.

Inizan:2008:HFE

- [1576] Pierre Inizan. Homogeneous fractional embeddings. *Journal of Mathematical Physics*, 49(8):082901, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p082901_s1.

Hirota:2008:EHM

- [1577] M. Hirota and Y. Fukumoto. Energy of hydrodynamic and magnetohydrodynamic waves with point and continuous spectra. *Journal of Mathematical Physics*, 49(8):083101, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083101_s1.

Hunsicker:2008:APS

- [1578] Eugenie Hunsicker, Victor Nistor, and Jorge O. Sofo. Analysis of periodic Schrödinger operators: Regularity and approximation of eigenfunctions. *Journal of Mathematical Physics*, 49(8):083501, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083501_s1.

Cheviakov:2008:EPF

- [1579] Alexei F. Cheviakov. An extended procedure for finding exact solutions of partial differential equations arising from potential symmetries. Applications to gas dynamics. *Journal of Mathematical Physics*, 49(8):083502, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083502_s1.

Ghanmi:2008:LAF

- [1580] A. Ghanmi and A. Intissar. Landau automorphic functions on C^n of magnitude ν . *Journal of Mathematical Physics*, 49(8):083503, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083503_s1.

Sanchez:2008:ATL

- [1581] Richard Sanchez, Jean Ragusa, and Emiliano Masiello. Asymptotic theory of the linear transport equation in anisotropic media. *Journal of Mathematical Physics*, 49(8):083504, August 2008. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083504_s1.

Katore:2008:PGW

- [1582] S. D. Katore and R. S. Rane. Plane gravitational waves of gauge-invariant generalized field equations with asymmetric fundamental tensor in plane symmetry. *Journal of Mathematical Physics*, 49(8):083505, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083505_s1.

Gao:2008:ISM

- [1583] Ya-Jun Gao. Inverse scattering method and soliton double solution family for the general symplectic gravity model. *Journal of Mathematical Physics*, 49(8):083506, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083506_s1.

Abdeljawad:2008:EUT

- [1584] Thabet Maraaba (Abdeljawad), Dumitru Baleanu, and Fahd Jarad. Existence and uniqueness theorem for a class of delay differential equations with left and right Caputo fractional derivatives. *Journal of Mathematical Physics*, 49(8):083507, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083507_s1.

El-Jaick:2008:SCD

- [1585] Léa Jaccoud El-Jaick and Bartolomeu D. B. Figueiredo. Solutions for confluent and double-confluent Heun equations. *Journal of Mathematical Physics*, 49(8):083508, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083508_s1.

Aydin:2008:SML

- [1586] A. Aydin and B. Karasözen. Symplectic and multisymplectic Lobatto methods for the “good” Boussinesq equation. *Journal of Mathematical Physics*, 49(8):083509, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083509_s1.

Meusburger:2008:QPL

- [1587] C. Meusburger and B. J. Schroers. Quaternionic and Poisson–Lie structures in three-dimensional gravity: The cosmological constant as defor-

mation parameter. *Journal of Mathematical Physics*, 49(8):083510, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p083510_s1.

Aleixo:2008:PNP

- [1588] A. N. F. Aleixo and A. B. Balantekin. Publisher's note: "Purely squeezed states for quantum deformed systems", [J. Math. Phys. **49**, 062104 (2008)]. *Journal of Mathematical Physics*, 49(8):089901, August 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i8/p089901_s1. See [1503].

Dorlas:2008:DFI

- [1589] T. C. Dorlas and E. G. F. Thomas. The discrete Feynman integral. *Journal of Mathematical Physics*, 49(9):092101, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092101_s1.

Mendas:2008:CTE

- [1590] Istok P. Mendas. Classification and time evolution of density matrices for a N -state system. *Journal of Mathematical Physics*, 49(9):092102, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092102_s1.

Ferrario:2008:PSM

- [1591] Andrea Ferrario. Poisson sigma model with branes and hyperelliptic Riemann surfaces. *Journal of Mathematical Physics*, 49(9):092301, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092301_s1.

Minguzzi:2008:LCT

- [1592] E. Minguzzi. Limit curve theorems in Lorentzian geometry. *Journal of Mathematical Physics*, 49(9):092501, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092501_s1.

Fontanelli:2008:BHA

- [1593] Laura Fontanelli, Paolo Lorenzoni, Marco Pedroni, and Jorge P. Zubelli. Bi-Hamiltonian aspects of a matrix Harry Dym hierarchy. *Journal of*

Mathematical Physics, 49(9):092901, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092901_s1.

Evans:2008:SCA

- [1594] N. W. Evans and P. E. Verrier. Superintegrability of the caged anisotropic oscillator. *Journal of Mathematical Physics*, 49(9):092902, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p092902_s1.

Baxter:2008:FES

- [1595] Nathan P. Baxter and Sergei V. Shabanov. The flip-over effect in self-similar laser-induced plasma expansion. *Journal of Mathematical Physics*, 49(9):093101, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093101_s1.

Ding:2008:TPD

- [1596] Qing Ding and Wei Lin. The transmission property of the discrete Heisenberg ferromagnetic spin chain. *Journal of Mathematical Physics*, 49(9):093501, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093501_s1.

Mazzucchi:2008:FPI

- [1597] S. Mazzucchi. Feynman path integrals for the inverse quartic oscillator. *Journal of Mathematical Physics*, 49(9):093502, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093502_s1.

Albeverio:2008:JPL

- [1598] Sergio Albeverio and Witold Karwowski. Jump processes on leaves of multibranching trees. *Journal of Mathematical Physics*, 49(9):093503, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093503_s1.

Bruneau:2008:LTE

- [1599] Vincent Bruneau and El Maati Ouhabaz. Lieb–Thirring estimates for non-self-adjoint Schrödinger operators. *Journal of Mathematical Physics*, 49(9):093504, September 2008. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093504_s1.

Jiao:2008:ASR

- [1600] Xiaoyu Jiao, Ruoxia Yao, and S. Y. Lou. Approximate similarity reduction for singularly perturbed Boussinesq equation via symmetry perturbation and direct method. *Journal of Mathematical Physics*, 49(9):093505, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093505_s1.

Liu:2008:ETD

- [1601] Xiaojun Liu, Yunbo Zeng, and Runliang Lin. An extended two-dimensional Toda lattice hierarchy and two-dimensional Toda lattice with self-consistent sources. *Journal of Mathematical Physics*, 49(9):093506, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093506_s1.

Lisovyy:2008:PVT

- [1602] O. Lisovyy. On Painlevé VI transcendents related to the Dirac operator on the hyperbolic disk. *Journal of Mathematical Physics*, 49(9):093507, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093507_s1.

Coffey:2008:EIA

- [1603] Mark W. Coffey. Evaluation of a $\ln \tan$ integral arising in quantum field theory. *Journal of Mathematical Physics*, 49(9):093508, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093508_s1.

Cardoso:2008:NAS

- [1604] Pedro G. S. Cardoso, Ernesto P. Borges, Thierry C. P. Lobão, and Suani T. R. Pinho. Nondistributive algebraic structures derived from nonextensive statistical mechanics. *Journal of Mathematical Physics*, 49(9):093509, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093509_s1.

Wu:2008:NMC

- [1605] Hongxia Wu, Yunbo Zeng, and Tianyou Fan. A new multicomponent CKP hierarchy and solutions. *Journal of Mathematical Physics*, 49(9):093510, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093510_s1.

Fialowski:2008:LAD

- [1606] Alice Fialowski and Ashis Mandal. Leibniz algebra deformations of a Lie algebra. *Journal of Mathematical Physics*, 49(9):093511, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093511_s1.

Foldes:2008:LGF

- [1607] Stephan Foldes. The Lorentz group and its finite field analogs: Local isomorphism and approximation. *Journal of Mathematical Physics*, 49(9):093512, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p093512_s1.

Henneaux:2008:ESC

- [1608] Marc Henneaux, Mauricio Leston, Daniel Persson, and Philippe Spindel. Erratum: “A Special Class of Rank 10 and 11 Coxeter Groups”, [J. Math. Phys. **48**, 053512 (2007)]. *Journal of Mathematical Physics*, 49(9):099901, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p099901_s1. See [1036].

Galapon:2008:EST

- [1609] Eric. A. Galapon. Erratum: “Shouldn’t there be an antithesis to quantization?”, [J. Math. Phys. **45**, 3180 (2004)]. *Journal of Mathematical Physics*, 49(9):099902, September 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i9/p099902_s1. See [7].

Nachtergaele:2008:ASIB

- [1610] Bruno L. Z. Nachtergaele. Announcement: Special issue on “Integrable Quantum Systems and Solvable Statistical Mechanics Models”. *Journal of Mathematical Physics*, 49(10):100201, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p100201_s1.

Hayashi:2008:APO

- [1611] Masahito Hayashi and Keiji Matsumoto. Asymptotic performance of optimal state estimation in qubit system. *Journal of Mathematical Physics*, 49(10):102101, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102101_s1.

Aguilar:2008:ECN

- [1612] Jean-Philippe Aguilar and Nils Berglund. The effect of classical noise on a quantum two-level system. *Journal of Mathematical Physics*, 49(10):102102, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102102_s1.

Durran:2008:DCS

- [1613] Richard Durran, Andrew Neate, Aubrey Truman, and Feng-Yu Wang. On the divine clockwork: The spectral gap for the correspondence limit of the Nelson diffusion generator for the atomic elliptic state. *Journal of Mathematical Physics*, 49(10):102103, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102103_s1.

Cubitt:2008:SDQ

- [1614] Toby S. Cubitt, Mary Beth Ruskai, and Graeme Smith. The structure of degradable quantum channels. *Journal of Mathematical Physics*, 49(10):102104, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102104_s1.

Angelescu:2008:LSB

- [1615] Nicolae Angelescu, Robert A. Minlos, Jean Ruiz, and Valentin A. Zagrebnov. Lower spectral branches of a spin-boson model. *Journal of Mathematical Physics*, 49(10):102105, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102105_s1. See erratum [2195].

Cornean:2008:ASE

- [1616] H. D. Cornean, P. Duclos, G. Nenciu, and R. Purice. Adiabatically switched-on electrical bias and the Landauer–Büttiker formula. *Journal of Mathematical Physics*, 49(10):102106, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102106_s1.

Rosgen:2008:ADR

- [1617] Bill Rosgen. Additivity and distinguishability of random unitary channels. *Journal of Mathematical Physics*, 49(10):102107, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102107_s1.

Kryukov:2008:NTU

- [1618] A. Kryukov. Nine theorems on the unification of quantum mechanics and relativity. *Journal of Mathematical Physics*, 49(10):102108, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102108_s1.

Bouten:2008:DAQ

- [1619] Luc Bouten and Ramon Van Handel. Discrete approximation of quantum stochastic models. *Journal of Mathematical Physics*, 49(10):102109, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102109_s1.

Aki:2008:CLS

- [1620] Gonca L. Aki, Peter A. Markowich, and Christof Sparber. Classical limit for semirelativistic Hartree systems. *Journal of Mathematical Physics*, 49(10):102110, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102110_s1.

Meng:2008:KP

- [1621] Guowu Meng. The $O(1)$ -Kepler problems. *Journal of Mathematical Physics*, 49(10):102111, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102111_s1.

Tarasov:2008:WQF

- [1622] Vasily E. Tarasov. Weyl quantization of fractional derivatives. *Journal of Mathematical Physics*, 49(10):102112, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102112_s1.

Menezes:2008:SQC

- [1623] G. Menezes and N. F. Svaiter. Stochastic quantization for complex actions. *Journal of Mathematical Physics*, 49(10):102301, October 2008.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102301_s1.

Sakaguchi:2008:SSA

- [1624] Makoto Sakaguchi and Kentaroh Yoshida. Super Schrödinger algebra in AdS/CFT. *Journal of Mathematical Physics*, 49(10):102302, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102302_s1.

Dahia:2008:EST

- [1625] F. Dahia, G. A. T. Gomez, and C. Romero. On the embedding of space-time in five-dimensional Weyl spaces. *Journal of Mathematical Physics*, 49(10):102501, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102501_s1.

Llibre:2008:AIC

- [1626] Jaume Llibre and Clàudia Valls. Analytic integrability of a Chua system. *Journal of Mathematical Physics*, 49(10):102701, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102701_s1.

Habibullin:2008:CDI

- [1627] Ismagil Habibullin, Natalya Zheltukhina, and Asli Pekcan. On the classification of Darboux integrable chains. *Journal of Mathematical Physics*, 49(10):102702, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102702_s1.

Chiba:2008:ACM

- [1628] Hayato Chiba. Approximation of center manifolds on the renormalization group method. *Journal of Mathematical Physics*, 49(10):102703, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102703_s1.

Gurses:2008:HTI

- [1629] Metin Gürses, Ismagil Habibullin, and Kostyantyn Zheltukhin. Hydrodynamic type integrable equations on a segment and a half-line. *Journal*

of Mathematical Physics, 49(10):102704, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102704_s1.

Yan:2008:UAN

- [1630] Xingjie Yan and Chengkui Zhong. L^p -uniform attractor for nonautonomous reaction-diffusion equations in unbounded domains. *Journal of Mathematical Physics*, 49(10):102705, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102705_s1.

Gsponer:2008:CPE

- [1631] Andre Gsponer. The classical point electron in Colombeau's theory of nonlinear generalized functions. *Journal of Mathematical Physics*, 49(10):102901, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102901_s1.

Fabrizio:2008:IWL

- [1632] Mauro Fabrizio. Ice-water and liquid-vapor phase transitions by a Ginzburg–Landau model. *Journal of Mathematical Physics*, 49(10):102902, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p102902_s1.

Ao:2008:CBB

- [1633] Ji jun Ao and Achilaltu Wang. The calculation of the bilinear Boltzmann operator for gas mixtures. *Journal of Mathematical Physics*, 49(10):103101, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103101_s1.

Bernardin:2008:SAE

- [1634] Cédric Bernardin. Superdiffusivity of asymmetric energy model in dimensions 1 and 2. *Journal of Mathematical Physics*, 49(10):103301, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103301_s1.

Hayashi:2008:NSS

- [1635] Nakao Hayashi, Pavel I. Naumkin, and Ratno Bagus Edy Wibowo. Nonlinear scattering for a system of nonlinear Klein–Gordon equations. *Journal of Mathematical Physics*, 49(10):103501, October 2008.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103501_s1.

Kawamura:2008:UIF

- [1636] Katsunori Kawamura. Unitary isomorphism of Fock spaces of bosons and fermions arising from a representation of the Cuntz algebra O_2 . *Journal of Mathematical Physics*, 49(10):103502, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103502_s1.

Li:2008:SFS

- [1637] Biao Li, Wang-Chuan Ye, and Yong Chen. Symmetry, full symmetry groups, and some exact solutions to a generalized Davey–Stewartson system. *Journal of Mathematical Physics*, 49(10):103503, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103503_s1.

Curro:2008:RNQ

- [1638] Carmela Currò and Francesco Oliveri. Reduction of nonhomogeneous quasilinear 2×2 systems to homogeneous and autonomous form. *Journal of Mathematical Physics*, 49(10):103504, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103504_s1.

Giannoulis:2008:LHT

- [1639] Johannes Giannoulis, Michael Herrmann, and Alexander Mielke. Lagrangian and Hamiltonian two-scale reduction. *Journal of Mathematical Physics*, 49(10):103505, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103505_s1.

Kunzinger:2008:PCL

- [1640] Michael Kunzinger and Roman O. Popovych. Potential conservation laws. *Journal of Mathematical Physics*, 49(10):103506, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103506_s1.

Heo:2008:RKH

- [1641] Jaeseong Heo. Reproducing kernel Hilbert C^* -modules and kernels associated with cocycles. *Journal of Mathematical Physics*, 49(10):103507,

October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103507_s1.

Velazquez-Arcos:2008:CTK

- [1642] J. M. Velázquez-Arcos, C. A. Vargas, J. L. Fernández-Chapou, and A. L. Salas-Brito. On computing the trace of the kernel of the homogeneous Fredholm's equation. *Journal of Mathematical Physics*, 49(10):103508, October 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i10/p103508_s1.

Nachtergaele:2008:ASIC

- [1643] Bruno L. Z. Nachtergaele. Announcement: Special issue on “Integrable Quantum Systems and Solvable Statistical Mechanics Models”. *Journal of Mathematical Physics*, 49(11):110201, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p110201_s1.

Huang:2008:SPC

- [1644] Siendong Huang. On states of perfect correlation. *Journal of Mathematical Physics*, 49(11):112101, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112101_s1.

Chi:2008:MEQ

- [1645] Dong Pyo Chi, Jeong Woon Choi, Kabgyun Jeong, Jeong San Kim, Tae-wan Kim, and Soojoon Lee. Monogamy equality in $2 \supset \otimes 2 \supset \otimes d$ quantum systems. *Journal of Mathematical Physics*, 49(11):112102, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112102_s1.

Kiukas:2008:SMC

- [1646] Jukka Kiukas, Pekka Lahti, and Kari Ylisen. Semispectral measures as convolutions and their moment operators. *Journal of Mathematical Physics*, 49(11):112103, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112103_s1.

Schlingemann:2008:SCQ

- [1647] Dirk-M. Schlingemann, Holger Vogts, and Reinhard F. Werner. On the structure of Clifford quantum cellular automata. *Journal of Mathemat-*

ical Physics, 49(11):112104, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112104_s1.

Dahia:2008:EFE

- [1648] F. Dahia, C. Romero, and M. A. S. Cruz. Effective field equations of brane-induced electromagnetism. *Journal of Mathematical Physics*, 49(11):112501, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112501_s1.

Saha:2008:ACM

- [1649] Bijan Saha and Victor Rikhvitsky. Anisotropic cosmological models with spinor and scalar fields and viscous fluid in presence of a Λ term: Qualitative solutions. *Journal of Mathematical Physics*, 49(11):112502, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112502_s1.

Corsi:2008:MTA

- [1650] Livia Corsi and Guido Gentile. Melnikov theory to all orders and Puiseux series for subharmonic solutions. *Journal of Mathematical Physics*, 49(11):112701, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112701_s1.

Chanu:2008:STB

- [1651] Claudia Chanu, Luca Degiovanni, and Giovanni Rastelli. Superintegrable three-body systems on the line. *Journal of Mathematical Physics*, 49(11):112901, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p112901_s1.

Galaktionov:2008:BSJ

- [1652] V. A. Galaktionov. On blow-up space jets for the Navier–Stokes equations in \mathbf{R}^3 with convergence to Euler equations. *Journal of Mathematical Physics*, 49(11):113101, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113101_s1.

Manwai:2008:ASN

- [1653] Yuen Manwai. Analytical solutions to the Navier–Stokes equations. *Journal of Mathematical Physics*, 49(11):113102, November 2008. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113102_s1. See erratum [1758].

Tay:2008:BEM

- [1654] B. A. Tay and T. Petrosky. Biorthonormal eigenbasis of a Markovian master equation for the quantum Brownian motion. *Journal of Mathematical Physics*, 49(11):113301, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113301_s1.

Faris:2008:CGI

- [1655] William G. Faris. A connected graph identity and convergence of cluster expansions. *Journal of Mathematical Physics*, 49(11):113302, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113302_s1.

Chaudhuri:2008:TBK

- [1656] Jyotipratim Ray Chaudhuri, Suman Kumar Banik, Sudip Chattopadhyay, and Pinaki Chaudhury. Transport and bistable kinetics of a Brownian particle in a nonequilibrium environment. *Journal of Mathematical Physics*, 49(11):113303, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113303_s1.

Pelinovsky:2008:STD

- [1657] D. E. Pelinovsky and A. Stefanov. On the spectral theory and dispersive estimates for a discrete Schrödinger equation in one dimension. *Journal of Mathematical Physics*, 49(11):113501, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113501_s1.

Gagliardo:2008:HFH

- [1658] Michael Gagliardo. The higher flows of harmonic maps and an application to the Virasoro action. *Journal of Mathematical Physics*, 49(11):113502, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113502_s1.

Liu:2008:CIW

- [1659] Dong Liu, Shoulun Gao, and Linsheng Zhu. Classification of irreducible weight modules over W -algebra $W(2, 2)$. *Journal of Mathemat-*

ical Physics, 49(11):113503, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113503_s1.

Zhang:2008:BPP

- [1660] Shuanghu Zhang and Zhaoyang Yin. On the blow-up phenomena of the periodic Dullin–Gottwald–Holm equation. *Journal of Mathematical Physics*, 49(11):113504, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113504_s1.

Bohacik:2008:FIU

- [1661] J. Boháčik and P. Presnajder. The functional integral with unconditional Wiener measure for anharmonic oscillator. *Journal of Mathematical Physics*, 49(11):113505, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113505_s1.

Kupin:2008:ACS

- [1662] S. Kupin. Absolutely continuous spectrum of a Schrödinger operator on a tree. *Journal of Mathematical Physics*, 49(11):113506, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113506_s1.

Wu:2008:CPW

- [1663] Derchy Wu. The Cauchy problem of the Ward equation with mixed scattering data. *Journal of Mathematical Physics*, 49(11):113507, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113507_s1.

Miao:2008:EBP

- [1664] Dong Miao. Eigenvalue branches of the perturbed Maxwell operator $M + \lambda D$ in a gap of $\sigma(M)$. *Journal of Mathematical Physics*, 49(11):113508, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113508_s1.

Figuroa-O’Farrill:2008:LLA

- [1665] José Figuroa-O’Farrill. Lorentzian Lie n -algebras. *Journal of Mathematical Physics*, 49(11):113509, November 2008. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113509_s1.

Sahadevan:2008:SRG

- [1666] R. Sahadevan and S. Balakrishnan. Similarity reduction, generalized symmetries, recursion operator, and integrability of coupled Volterra system. *Journal of Mathematical Physics*, 49(11):113510, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113510_s1.

Fakhri:2008:ASH

- [1667] H. Fakhri and T. Ghaneh. Approach of spherical harmonics to the representation of the deformed $su(1,1)$ algebra. *Journal of Mathematical Physics*, 49(11):113511, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113511_s1.

Cruz:2008:STK

- [1668] Maximino Cruz and Juan H. Arredondo R. Scattering theory for the Klein–Gordon equation with nondecreasing potentials. *Journal of Mathematical Physics*, 49(11):113512, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113512_s1.

Dowker:2008:EAS

- [1669] J. S. Dowker and Klaus Kirsten. Elliptic aspects of statistical mechanics on spheres. *Journal of Mathematical Physics*, 49(11):113513, November 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i11/p113513_s1.

Contucci:2008:ISI

- [1670] Pierluigi Contucci and Cristian Giardinà. Introduction to special issue: Statistical Mechanics on Random Structures. *Journal of Mathematical Physics*, 49(12):125101, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125101_s1.

Crawford:2008:IBM

- [1671] Nicholas Crawford. The interaction between multioverlaps in the high temperature phase of the Sherrington–Kirkpatrick spin glass. *Journal of*

Mathematical Physics, 49(12):125201, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125201_s1.

Bovier:2008:FPF

- [1672] Anton Bovier and Anton Klimovsky. Fluctuations of the partition function in the generalized random energy model with external field. *Journal of Mathematical Physics*, 49(12):125202, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125202_s1.

Morters:2008:MSS

- [1673] Peter Mörters and Marcel Ortgiese. Minimal supporting subtrees for the free energy of polymers on disordered trees. *Journal of Mathematical Physics*, 49(12):125203, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125203_s1.

Arguin:2008:RIV

- [1674] Louis-Pierre Arguin. A remark on the infinite-volume Gibbs measures of spin glasses. *Journal of Mathematical Physics*, 49(12):125204, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125204_s1.

Bolthausen:2008:USS

- [1675] Erwin Bolthausen and Nicola Kistler. Universal structures in some mean field spin glasses and an application. *Journal of Mathematical Physics*, 49(12):125205, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125205_s1.

Bayati:2008:RAC

- [1676] Mohsen Bayati, Alfredo Braunstein, and Riccardo Zecchina. A rigorous analysis of the cavity equations for the minimum spanning tree. *Journal of Mathematical Physics*, 49(12):125206, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125206_s1.

Janson:2008:SSR

- [1677] Svante Janson and Malwina J. Luczak. Susceptibility in subcritical random graphs. *Journal of Mathematical Physics*, 49(12):125207, December

2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125207_s1.

vanEnter:2008:LRG

- [1678] A. C. D. van Enter and W. M. Ruszel. Loss and recovery of Gibbsian-ness for XY models in external fields. *Journal of Mathematical Physics*, 49(12):125208, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125208_s1.

vanderHofstad:2008:UDP

- [1679] Remco van der Hofstad and Gerard Hooghiemstra. Universality for distances in power-law random graphs. *Journal of Mathematical Physics*, 49(12):125209, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125209_s1.

Morita:2008:MFQ

- [1680] Satoshi Morita and Hidetoshi Nishimori. Mathematical foundation of quantum annealing. *Journal of Mathematical Physics*, 49(12):125210, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125210_s1.

Basile:2008:EMA

- [1681] Chiara Basile, Dario Benedetto, Emanuele Caglioti, and Mirko Degli Esposti. An example of mathematical authorship attribution. *Journal of Mathematical Physics*, 49(12):125211, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125211_s1.

Talagrand:2008:MFM

- [1682] Michel Talagrand. A mean field model for spin glasses based on a 2-level perceptron. *Journal of Mathematical Physics*, 49(12):125212, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125212_s1.

Lenci:2008:CLT

- [1683] Marco Lenci. Central limit theorem and recurrence for random walks in bistochastic random environments. *Journal of Mathematical Physics*, 49(12):125213, December 2008. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125213_s1.

Chazottes:2008:CCI

- [1684] Jean-René Chazottes, Pierre Collet, and Frank Redig. Coupling, concentration inequalities, and stochastic dynamics. *Journal of Mathematical Physics*, 49(12):125214, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125214_s1.

Kulske:2008:CSM

- [1685] Christof Külske and Alex A. Opoku. Continuous spin mean-field models: Limiting kernels and Gibbs properties of local transforms. *Journal of Mathematical Physics*, 49(12):125215, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125215_s1.

Parisi:2008:SPE

- [1686] Giorgio Parisi. On the survey-propagation equations in random constraint satisfiability problems. *Journal of Mathematical Physics*, 49(12):125216, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125216_s1.

Barra:2008:AER

- [1687] Adriano Barra and Francesco Guerra. About the ergodic regime in the analogical Hopfield neural networks: Moments of the partition function. *Journal of Mathematical Physics*, 49(12):125217, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125217_s1.

Bhamidi:2008:FPP

- [1688] Shankar Bhamidi. First passage percolation on locally treelike networks. I. Dense random graphs. *Journal of Mathematical Physics*, 49(12):125218, December 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125218_s1.

Percus:2008:PPS

- [1689] Allon G. Percus, Gabriel Istrate, Bruno Gonçalves, Robert Z. Sumi, and Stefan Boettcher. The peculiar phase structure of random graph bisection. *Journal of Mathematical Physics*, 49(12):125219, December 2008.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i12/p125219_s1.

Nachtergaele:2009:AI

- [1690] Bruno L. Z. Nachtergaele. Announcement: ICMP09 — 16th International Congress on Mathematical Physics (3–8 August 2009, Prague, Czech Republic). *Journal of Mathematical Physics*, 50(1):010201, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p010201_s1.

Cassar:2009:ACJ

- [1691] Mark M. Cassar. Announcement: Chinese, Japanese, and Korean characters available for author names. *Journal of Mathematical Physics*, 50(1):010202, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p010202_s1.

Cassar:2009:ARF

- [1692] Mark M. Cassar. Announcement: Reduced fees for color in print. *Journal of Mathematical Physics*, 50(1):010203, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p010203_s1.

Marquette:2009:STOa

- [1693] Ian Marquette. Superintegrability with third order integrals of motion, cubic algebras, and supersymmetric quantum mechanics. I. Rational function potentials. *Journal of Mathematical Physics*, 50(1):012101, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012101_s1.

Konig:2009:ECV

- [1694] Robert König and Michael M. Wolf. On exchangeable continuous variable systems. *Journal of Mathematical Physics*, 50(1):012102, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012102_s1.

Chen:2009:ISS

- [1695] Thomas Chen, Jürg Fröhlich, and Alessandro Pizzo. Infraparticle scattering states in nonrelativistic quantum electrodynamics. II. Mass shell

properties. *Journal of Mathematical Physics*, 50(1):012103, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012103_s1.

Li:2009:EMQ

- [1696] Dafa Li, Xiangrong Li, Hongtao Huang, and Xinxin Li. An entanglement measure for n qubits. *Journal of Mathematical Physics*, 50(1):012104, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012104_s1.

König:2009:MCF

- [1697] Robert König and Graeme Mitchison. A most compendious and facile quantum de Finetti theorem. *Journal of Mathematical Physics*, 50(1):012105, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012105_s1.

Salcedo:2009:PSL

- [1698] L. L. Salcedo. Phase space localization of antisymmetric functions. *Journal of Mathematical Physics*, 50(1):012106, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012106_s1.

Skinner:2009:UBH

- [1699] A. J. Skinner, V. A. Newell, and R. Sanchez. Unbiased bases (Hadamards) for six-level systems: Four ways from Fourier. *Journal of Mathematical Physics*, 50(1):012107, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012107_s1.

Kihara:2009:GIC

- [1700] Hironobu Kihara and Muneto Nitta. Generalized instantons on complex projective spaces. *Journal of Mathematical Physics*, 50(1):012301, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012301_s1.

Mironov:2009:OSO

- [1701] Victor L. Mironov and Sergey V. Mironov. Octonic second-order equations of relativistic quantum mechanics. *Journal of Mathematical*

Physics, 50(1):012302, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012302_s1.

Giambo:2009:GCH

- [1702] Roberto Giambò. Gravitational collapse of homogeneous perfect fluids in higher order gravity theories. *Journal of Mathematical Physics*, 50(1):012501, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012501_s1.

Beyer:2009:NKG

- [1703] Horst R. Beyer. A note on the Klein–Gordon equation in the background of a rotating black hole. *Journal of Mathematical Physics*, 50(1):012502, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012502_s1.

Dittrich:2009:SGO

- [1704] Bianca Dittrich and Thomas Thiemann. Are the spectra of geometrical operators in loop quantum gravity really discrete? *Journal of Mathematical Physics*, 50(1):012503, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012503_s1.

Mahan:2009:CWN

- [1705] G. D. Mahan. Classical waves on nonlinear lattices. II. Q^n . *Journal of Mathematical Physics*, 50(1):012701, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012701_s1.

Ban:2009:DKS

- [1706] Ailing Ban, Shengfan Zhou, and Xiaoying Han. Dimension of kernel sections for damped nonautonomous wave equations with critical exponent. *Journal of Mathematical Physics*, 50(1):012702, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012702_s1.

Tudoran:2009:LCT

- [1707] Razvan M. Tudoran and Ramona A. Tudoran. On a large class of three-dimensional Hamiltonian systems. *Journal of Mathematical Physics*, 50(1):012703, January 2009. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012703_s1.

Lenells:2009:SCH

- [1708] J. Lenells and O. Lechtenfeld. On the $N = 2$ supersymmetric Camassa–Holm and Hunter–Saxton equations. *Journal of Mathematical Physics*, 50(1):012704, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012704_s1.

Conti:2009:CJI

- [1709] Roberto Conti and Wojciech Szymański. Computing the Jones index of quadratic permutation endomorphisms of O_2 . *Journal of Mathematical Physics*, 50(1):012705, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012705_s1.

Mironov:2009:ORE

- [1710] Victor L. Mironov and Sergey V. Mironov. Octonic representation of electromagnetic field equations. *Journal of Mathematical Physics*, 50(1):012901, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012901_s1.

Ozeren:2009:ITE

- [1711] Serhat F. Özeren. Investigation of the time evolution of Lane–Emden-type Kanai–Caldirola oscillator. *Journal of Mathematical Physics*, 50(1):012902, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012902_s1.

Giachetta:2009:NGS

- [1712] G. Giachetta, L. Mangiarotti, and G. Sardanashevily. On the notion of gauge symmetries of generic Lagrangian field theory. *Journal of Mathematical Physics*, 50(1):012903, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012903_s1.

Chin:2009:RMC

- [1713] Siu A. Chin. Relativistic motion in a constant electromagnetic field. *Journal of Mathematical Physics*, 50(1):012904, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012904_s1.

Wei:2009:SIB

- [1714] Juncheng Wei and Matthias Winter. Strongly interacting bumps for the Schrödinger–Newton equations. *Journal of Mathematical Physics*, 50(1):012905, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012905_s1.

Fu:2009:WPB

- [1715] Ying Fu and Changzheng Qu. Well posedness and blow-up solution for a new coupled Camassa–Holm equations with peakons. *Journal of Mathematical Physics*, 50(1):012906, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012906_s1.

Deriglazov:2009:IEH

- [1716] A. A. Deriglazov. Improved extended Hamiltonian and search for local symmetries. *Journal of Mathematical Physics*, 50(1):012907, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012907_s1.

Lind-Johansen:2009:PLF

- [1717] Øyvind Lind-Johansen, Kristian Seip, and Johannes Skaar. The perfect lens on a finite bandwidth. *Journal of Mathematical Physics*, 50(1):012908, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p012908_s1.

Gustafson:2009:SSS

- [1718] Stephen Gustafson, Hideo Takaoka, and Tai-Peng Tsai. Stability in $H^{1/2}$ of the sum of K solitons for the Benjamin–Ono equation. *Journal of Mathematical Physics*, 50(1):013101, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013101_s1.

Garcia-Pelayo:2009:DMF

- [1719] Ricardo García-Pelayo. Distribution of magnetization in the finite Ising chain. *Journal of Mathematical Physics*, 50(1):013301, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013301_s1.

Preissmann:2009:BMM

- [1720] E. Preissmann, J.-Ch. Anglès d'Auriac, and J.-M. Maillard. Birational mappings and matrix subalgebra from the chiral Potts model. *Journal of Mathematical Physics*, 50(1):013302, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013302_s1.

Furuichi:2009:MEP

- [1721] Shigeru Furuichi. On the maximum entropy principle and the minimization of the Fisher information in Tsallis statistics. *Journal of Mathematical Physics*, 50(1):013303, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013303_s1.

Darvish:2009:KSR

- [1722] Esmat Darvish and Amir Ali Masoudi. Kinetic surface roughening for the Mullins–Herring equation. *Journal of Mathematical Physics*, 50(1):013304, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013304_s1.

Shojaei:2009:PFT

- [1723] F. Shojaei, E. Ghanbari-Adivi, M. J. Brunger, and M. A. Bolorizadeh. Positronium formation as a three-body reaction. II. The second-order nuclear amplitudes. *Journal of Mathematical Physics*, 50(1):013501, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013501_s1.

Zayed:2009:EMF

- [1724] E. M. E. Zayed and Khaled A. Gepreel. The (G'/G) -expansion method for finding traveling wave solutions of nonlinear partial differential equations in mathematical physics. *Journal of Mathematical Physics*, 50(1):013502, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013502_s1.

Caroca:2009:EHO

- [1725] R. Caroca, N. Merino, and P. Salgado. S expansion of higher-order Lie algebras. *Journal of Mathematical Physics*, 50(1):013503, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013503_s1.

Brunelli:2009:INE

- [1726] J. C. Brunelli. Integrability of a nonlinear evolution equation derived from isoperimetric plane curve motion. *Journal of Mathematical Physics*, 50(1):013504, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013504_s1.

Zhang:2009:BSD

- [1727] Guoping Zhang. Breather solutions of the discrete nonlinear Schrödinger equations with unbounded potentials. *Journal of Mathematical Physics*, 50(1):013505, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013505_s1.

Park:2009:WPU

- [1728] Jong Yeoul Park and Tae Gab Ha. Well-posedness and uniform decay rates for the Klein–Gordon equation with damping term and acoustic boundary conditions. *Journal of Mathematical Physics*, 50(1):013506, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013506_s1.

Pickering:2009:BTB

- [1729] A. Pickering. Bäcklund transformations for a discrete second Painlevé hierarchy. *Journal of Mathematical Physics*, 50(1):013507, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013507_s1.

Dassios:2009:OET

- [1730] George Dassios, Demetra Hadjiloizi, and Fotini Kariotou. The octapolic ellipsoidal term in magnetoencephalography. *Journal of Mathematical Physics*, 50(1):013508, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013508_s1.

Drissi:2009:RST

- [1731] L. B. Drissi, H. Jehjough, and E. H. Saidi. Refining the shifted topological vertex. *Journal of Mathematical Physics*, 50(1):013509, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013509_s1.

Anastasiei:2009:FQL

- [1732] Mihai Anastasiei and Sergiu I. Vacaru. Fedosov quantization of Lagrange–Finsler and Hamilton–Cartan spaces and Einstein gravity lifts on (co) tangent bundles. *Journal of Mathematical Physics*, 50(1):013510, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013510_s1.

Alcalde:2009:VPS

- [1733] M. Aparicio Alcalde, R. Kullock, and N. F. Svaiter. Virtual processes and super-radiance in spin-boson models. *Journal of Mathematical Physics*, 50(1):013511, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013511_s1.

Choup:2009:EEL

- [1734] Leonard N. Choup. Edgeworth expansion of the largest eigenvalue distribution function of Gaussian orthogonal ensemble. *Journal of Mathematical Physics*, 50(1):013512, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013512_s1.

Gibbons:2009:RMF

- [1735] J. Gibbons and A. P. Veselov. On the rational monodromy-free potentials with sextic growth. *Journal of Mathematical Physics*, 50(1):013513, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013513_s1.

Duarte:2009:FEF

- [1736] L. G. S. Duarte and L. A. C. P. da Mota. Finding elementary first integrals for rational second order ordinary differential equations. *Journal of Mathematical Physics*, 50(1):013514, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013514_s1.

Gilkey:2009:GRG

- [1737] P. Gilkey, S. Nikčević, and D. Westerman. Geometric realizations of generalized algebraic curvature operators. *Journal of Mathematical Physics*, 50(1):013515, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013515_s1.

Dinu:2009:NDL

- [1738] Victor Dinu, Arne Jensen, and Gheorghe Nenciu. Nonexponential decay laws in perturbation theory of near threshold eigenvalues. *Journal of Mathematical Physics*, 50(1):013516, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013516_s1.

Coons:2009:GMT

- [1739] Michael Coons and Klaus Kirsten. General moment theorems for nondistinct unrestricted partitions. *Journal of Mathematical Physics*, 50(1):013517, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013517_s1.

Bai:2009:PRY

- [1740] Cheng-Ming Bai, Mo-Lin Ge, and Naihuan Jing. Principal realization of the Yangian $Y(\mathfrak{sl}(\infty))$. *Journal of Mathematical Physics*, 50(1):013518, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013518_s1.

Ganji:2009:ETS

- [1741] D. D. Ganji and M. Abdollahzadeh. Exact traveling solutions of some nonlinear evolution equation by (G'/G) -expansion method. *Journal of Mathematical Physics*, 50(1):013519, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013519_s1.

Grabowski:2009:NCN

- [1742] J. Grabowski, M. de León, J. C. Marrero, and D. Martín de Diego. Nonholonomic constraints: A new viewpoint. *Journal of Mathematical Physics*, 50(1):013520, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013520_s1.

Wigman:2009:DNS

- [1743] Igor Wigman. On the distribution of the nodal sets of random spherical harmonics. *Journal of Mathematical Physics*, 50(1):013521, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013521_s1.

Tetradis:2009:EFT

- [1744] Nikolaos Tetradis. Effective field theory with a variable ultraviolet cutoff. *Journal of Mathematical Physics*, 50(1):013522, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013522_s1.

Schwartz:2009:CQV

- [1745] Charles Schwartz. Calculus with a quaternionic variable. *Journal of Mathematical Physics*, 50(1):013523, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013523_s1.

Escobar:2009:FG

- [1746] J. A. Escobar and Christoph Luhn. The flavor group $\Delta(6n^2)$. *Journal of Mathematical Physics*, 50(1):013524, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013524_s1.

Fan:2009:PNC

- [1747] Engui Fan. The positive and negative Camassa–Holm- γ hierarchies, zero curvature representations, bi-Hamiltonian structures, and algebro-geometric solutions. *Journal of Mathematical Physics*, 50(1):013525, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013525_s1.

Meremianin:2009:HHA

- [1748] A. V. Meremianin. Hyperspherical harmonics with arbitrary arguments. *Journal of Mathematical Physics*, 50(1):013526, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013526_s1.

Gershgorin:2009:CHW

- [1749] Boris Gershgorin, Yuri V. Lvov, and Sergey Nazarenko. Canonical Hamiltonians for waves in inhomogeneous media. *Journal of Mathematical Physics*, 50(1):013527, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013527_s1.

Kieburg:2009:IGV

- [1750] Mario Kieburg, Heiner Kohler, and Thomas Guhr. Integration of Grassmann variables over invariant functions on flat superspaces. *Journal of*

Mathematical Physics, 50(1):013528, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013528_s1.

Bertola:2009:PFT

- [1751] M. Bertola and O. Marchal. The partition function of the two-matrix model as an isomonodromic τ function. *Journal of Mathematical Physics*, 50(1):013529, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013529_s1.

Asorey:2009:FRS

- [1752] M. Asorey and P. M. Lavrov. Fedosov and Riemannian supermanifolds. *Journal of Mathematical Physics*, 50(1):013530, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013530_s1.

Kaneko:2009:LEP

- [1753] Kazuo Kaneko. Local expansion of Painlevé VI transcendents around a fixed singularity. *Journal of Mathematical Physics*, 50(1):013531, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013531_s1.

Palmkvist:2009:GCR

- [1754] Jakob Palmkvist. Generalized conformal realizations of Kac–Moody algebras. *Journal of Mathematical Physics*, 50(1):013532, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013532_s1.

Ju:2009:RCN

- [1755] Qiangchang Ju, Yong Li, and Shu Wang. Rate of convergence from the Navier–Stokes–Poisson system to the incompressible Euler equations. *Journal of Mathematical Physics*, 50(1):013533, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013533_s1.

Lian:2009:DPF

- [1756] Qiao-Fang Lian and Yun-Zhang Li. The duals of Gabor frames on discrete periodic sets. *Journal of Mathematical Physics*, 50(1):013534, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013534_s1.

Cai:2009:NEM

- [1757] Jiaxiang Cai. A new explicit multisymplectic scheme for the regularized long-wave equation. *Journal of Mathematical Physics*, 50(1):013535, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p013535_s1.

Manwai:2009:EAS

- [1758] Yuen Manwai. Erratum: “Analytical solutions to the Navier–Stokes equations”, [J. Math. Phys. **49**, 113102 (2008)]. *Journal of Mathematical Physics*, 50(1):019901, January 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i1/p019901_s1. See [1653].

Cassar:2009:AMC

- [1759] Mark M. Cassar. Announcement: Multimedia capability added to Journal of Mathematical Physics. *Journal of Mathematical Physics*, 50(2):020201, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p020201_s1.

Belgiorno:2009:CQS

- [1760] Francesco Belgiorno and Franco Gallone. Confined quantum systems and their limits. *Journal of Mathematical Physics*, 50(2):022101, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022101_s1.

Gheondea:2009:ACO

- [1761] Aurelian Gheondea and Ali Samil Kavruk. Absolute continuity for operator valued completely positive maps on C^* -algebras. *Journal of Mathematical Physics*, 50(2):022102, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022102_s1.

Adam:2009:PVF

- [1762] C. Adam, P. Klimas, J. Sánchez-Guillén, and A. Wereszczyński. Pull-back of the volume form, integrable models in higher dimensions and

exotic textures. *Journal of Mathematical Physics*, 50(2):022301, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022301_s1.

Shapiro:2009:FML

- [1763] I. Shapiro. Frobenius map on local Calabi–Yau manifolds. *Journal of Mathematical Physics*, 50(2):022302, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022302_s1.

Amorim:2009:FNT

- [1764] Ricardo Amorim. Fermions and noncommutative theories. *Journal of Mathematical Physics*, 50(2):022303, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022303_s1.

Karp:2009:FB

- [1765] Robert L. Karp. On the $\mathbf{C}^n/\mathbf{Z}_m$ fractional branes. *Journal of Mathematical Physics*, 50(2):022304, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022304_s1.

Pradhan:2009:CSV

- [1766] Anirudh Pradhan. Cylindrically symmetric viscous fluid universe in Lyra geometry. *Journal of Mathematical Physics*, 50(2):022501, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022501_s1.

Thirukkanesh:2009:RRM

- [1767] S. Thirukkanesh and S. D. Maharaj. Radiating relativistic matter in geodesic motion. *Journal of Mathematical Physics*, 50(2):022502, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022502_s1.

Couch:2009:LQM

- [1768] W. E. Couch and C. L. Holder. Liouvillian quasinormal modes of Reissner–Nordstrom black holes. *Journal of Mathematical Physics*, 50(2):022503, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022503_s1.

Shieh:2009:HCD

- [1769] Shih-Feng Shieh. Horseshoes for coupled discrete nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 50(2):022701, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022701_s1.

D'Eliseo:2009:GE

- [1770] Maurizio M. D'Eliseo. The gravitational ellipse. *Journal of Mathematical Physics*, 50(2):022901, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p022901_s1.

Ding:2009:GSO

- [1771] Shijin Ding, Huanyao Wen, Lei Yao, and Changjiang Zhu. Global solutions to one-dimensional compressible Navier–Stokes–Poisson equations with density-dependent viscosity. *Journal of Mathematical Physics*, 50(2):023101, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023101_s1.

Tamura:2009:MFI

- [1772] Hiroshi Tamura and Valentin A. Zagrebnov. Mean-field interacting boson random point fields in weak harmonic traps. *Journal of Mathematical Physics*, 50(2):023301, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023301_s1.

Jafarizadeh:2009:RCE

- [1773] M. A. Jafarizadeh, R. Sufiani, and S. Jafarizadeh. Recursive calculation of effective resistances in distance-regular networks based on Bose–Mesner algebra and Christoffel–Darboux identity. *Journal of Mathematical Physics*, 50(2):023302, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023302_s1.

VanValkenburgh:2009:MSP

- [1774] Michael VanValkenburgh. Manipulation of semiclassical photon states. *Journal of Mathematical Physics*, 50(2):023501, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023501_s1.

Qian:2009:OMM

- [1775] Zhi Qian. An optimal modified method for a two-dimensional inverse heat conduction problem. *Journal of Mathematical Physics*, 50(2):023502, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023502_s1.

Huang:2009:PGC

- [1776] Qing Huang, V. Lahno, C. Z. Qu, and R. Zhdanov. Preliminary group classification of a class of fourth-order evolution equations. *Journal of Mathematical Physics*, 50(2):023503, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023503_s1.

Yang:2009:SES

- [1777] Jianke Yang and D. J. Kaup. Squared eigenfunctions for the Sasa–Satsuma equation. *Journal of Mathematical Physics*, 50(2):023504, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023504_s1.

Chen:2009:BPS

- [1778] Jianqing Chen and Boling Guo. Blow-up profile to the solutions of two-coupled Schrödinger equations. *Journal of Mathematical Physics*, 50(2):023505, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023505_s1.

Wang:2009:LST

- [1779] Jing Ping Wang. Lenard scheme for two-dimensional periodic Volterra chain. *Journal of Mathematical Physics*, 50(2):023506, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023506_s1.

Du:2009:RBC

- [1780] Yi Du, Yan Liu, and Zhengan Yao. Remarks on the blow-up criteria for three-dimensional ideal magnetohydrodynamics equations. *Journal of Mathematical Physics*, 50(2):023507, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023507_s1.

Falek:2009:BOP

- [1781] M. Falek and M. Merad. Bosonic oscillator in the presence of minimal length. *Journal of Mathematical Physics*, 50(2):023508, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023508_s1.

Filipuk:2009:MAS

- [1782] G. Filipuk and R. G. Halburd. Movable algebraic singularities of second-order ordinary differential equations. *Journal of Mathematical Physics*, 50(2):023509, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023509_s1.

Yildirim:2009:HPM

- [1783] Ahmet Yildirim. Homotopy perturbation method to obtain exact special solutions with solitary patterns for Boussinesq-like $B(m, n)$ equations with fully nonlinear dispersion. *Journal of Mathematical Physics*, 50(2):023510, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023510_s1.

Baumgartel:2009:SPR

- [1784] Hellmut Baumgärtel, Hani Kaldass, and Soliman Komy. On spectral properties of the resonances for selected potential scattering systems. *Journal of Mathematical Physics*, 50(2):023511, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023511_s1.

Palmer:2009:EAB

- [1785] Bennett Palmer. Equilibria for anisotropic bending energies. *Journal of Mathematical Physics*, 50(2):023512, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023512_s1.

Albuquerque:2009:TQC

- [1786] C. D. Albuquerque, R. Palazzo, Jr., and E. B. Silva. Topological quantum codes on compact surfaces with genus $g \geq 2$. *Journal of Mathematical Physics*, 50(2):023513, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023513_s1.

Komech:2009:ACS

- [1787] A. I. Komech and A. E. Merzon. On asymptotic completeness for scattering in the nonlinear lamb system. *Journal of Mathematical Physics*, 50(2):023514, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023514_s1.

Cvijovic:2009:DIA

- [1788] Djurdje Cvijović. A dilogarithmic integral arising in quantum field theory. *Journal of Mathematical Physics*, 50(2):023515, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023515_s1.

Cho:2009:SGP

- [1789] Ilwoo Cho and Palle Jorgensen. C^* -subalgebras generated by partial isometries. *Journal of Mathematical Physics*, 50(2):023516, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p023516_s1.

Marinakis:2009:CNI

- [1790] Vangelis Marinakis. Comment on “A new integrable equation with cuspons and W/M -shape-peaks solitons”, [J. Math. Phys. **47**, 112701 (2006)]. *Journal of Mathematical Physics*, 50(2):024101, February 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i2/p024101_s1. See [812].

Du:2009:SCG

- [1791] Hong-Ke Du and Yan-Ni Dou. A spectral characterization for generalized quantum gates. *Journal of Mathematical Physics*, 50(3):032101, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032101_s1.

Buisseret:2009:SEB

- [1792] Fabien Buisseret, Claude Semay, and Bernard Silvestre-Brac. Some equivalences between the auxiliary field method and envelope theory. *Journal of Mathematical Physics*, 50(3):032102, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032102_s1.

Lawton:2009:SRB

- [1793] Wayne Lawton, Anders S. Mouritzen, Jiao Wang, and Jiangbin Gong. Spectral relationships between kicked Harper and on-resonance double kicked rotor operators. *Journal of Mathematical Physics*, 50(3):032103, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032103_s1.

Combescure:2009:BCM

- [1794] Monique Combescure. Block-circulant matrices with circulant blocks, Weil sums, and mutually unbiased bases. II. The prime power case. *Journal of Mathematical Physics*, 50(3):032104, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032104_s1.

Mosonyi:2009:HTG

- [1795] Milán Mosonyi. Hypothesis testing for Gaussian states on bosonic lattices. *Journal of Mathematical Physics*, 50(3):032105, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032105_s1.

Tyson:2009:TSE

- [1796] Jon Tyson. Two-sided estimates of minimum-error distinguishability of mixed quantum states via generalized Holevo–Curlander bounds. *Journal of Mathematical Physics*, 50(3):032106, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032106_s1. See comment [1907] and erratum [2097].

Suto:2009:PMC

- [1797] András Sütő. A possible mechanism of concurring diagonal and off-diagonal long-range order for soft interactions. *Journal of Mathematical Physics*, 50(3):032107, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032107_s1.

Zhang:2009:DSK

- [1798] Fu-Lin Zhang and Jing-Ling Chen. Dynamical symmetries of the Klein–Gordon equation. *Journal of Mathematical Physics*, 50(3):032301, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032301_s1.

Aazami:2009:UMTa

- [1799] A. B. Aazami and A. O. Petters. A universal magnification theorem for higher-order caustic singularities. *Journal of Mathematical Physics*, 50(3):032501, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032501_s1.

Zhijian:2009:GAC

- [1800] Yang Zhijian and Jin Baoxia. Global attractor for a class of Kirchhoff models. *Journal of Mathematical Physics*, 50(3):032701, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032701_s1.

Manton:2009:SIS

- [1801] Nicholas S. Manton. Scaling identities for solitons beyond Derrick's theorem. *Journal of Mathematical Physics*, 50(3):032901, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p032901_s1.

Ma:2009:BLI

- [1802] Tian Ma and Shouhong Wang. Boundary-layer and interior separations in the Taylor–Couette–Poiseuille flow. *Journal of Mathematical Physics*, 50(3):033101, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033101_s1.

Rebenko:2009:QAS

- [1803] A. L. Rebenko and M. V. Tertychnyi. Quasilattice approximation of statistical systems with strong superstable interactions: Correlation functions. *Journal of Mathematical Physics*, 50(3):033301, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033301_s1.

Bassler:2009:ESS

- [1804] K. E. Bassler, P. J. Forrester, and N. E. Frankel. Eigenvalue separation in some random matrix models. *Journal of Mathematical Physics*, 50(3):033302, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033302_s1.

Kawamura:2009:JTE

- [1805] Katsunori Kawamura, Dan Lascu, and Ion Coltescu. Jump transformations and an embedding of O_∞ into O_2 . *Journal of Mathematical Physics*, 50(3):033501, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033501_s1.

Xu:2009:EES

- [1806] Xiao-Ming Xu, Hong-Ke Du, and Xiaochun Fang. An explicit expression of supremum of bounded quantum observables. *Journal of Mathematical Physics*, 50(3):033502, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033502_s1.

Tian:2009:GWP

- [1807] Lixin Tian and Shujuan Liang. Global well posedness and limit behavior of the solutions to the viscous Degasperis–Procesi equation. *Journal of Mathematical Physics*, 50(3):033503, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033503_s1.

Skrypnik:2009:NSS

- [1808] T. Skrypnik. Non-skew-symmetric classical r -matrices, algebraic Bethe ansatz, and Bardeen–Cooper–Schrieffer-type integrable systems. *Journal of Mathematical Physics*, 50(3):033504, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033504_s1.

Amour:2009:ISR

- [1809] L. Amour, J. Faupin, and T. Raoux. Inverse spectral results for Schrödinger operators on the unit interval with partial information given on the potentials. *Journal of Mathematical Physics*, 50(3):033505, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033505_s1.

Tucker:2009:DFV

- [1810] Robin W. Tucker. Differential form valued forms and distributional electromagnetic sources. *Journal of Mathematical Physics*, 50(3):033506, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033506_s1.

Fernandez:2009:BHM

- [1811] M. Fernández, A. Tomassini, L. Ugarte, and R. Villacampa. Balanced Hermitian metrics from $SU(2)$ -structures. *Journal of Mathematical Physics*, 50(3):033507, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033507_s1.

Pan:2009:MCM

- [1812] Xing-Bin Pan. Minimizing curl in a multiconnected domain. *Journal of Mathematical Physics*, 50(3):033508, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033508_s1.

Dokovic:2009:PIS

- [1813] D. Ž. Đoković and A. Osterloh. On polynomial invariants of several qubits. *Journal of Mathematical Physics*, 50(3):033509, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033509_s1.

Cai:2009:MPS

- [1814] Jiaxiang Cai, Yushun Wang, and Zhonghua Qiao. Multisymplectic Preissman scheme for the time-domain Maxwell's equations. *Journal of Mathematical Physics*, 50(3):033510, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033510_s1.

Vinet:2009:AHW

- [1815] Luc Vinet and Alexei Zhedanov. Automorphisms of the Heisenberg–Weyl algebra and d -orthogonal polynomials. *Journal of Mathematical Physics*, 50(3):033511, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033511_s1.

Dolya:2009:QLA

- [1816] S. N. Dolya. Quadratic Lie algebras and quasiexact solvability of the two-photon Rabi Hamiltonian. *Journal of Mathematical Physics*, 50(3):033512, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033512_s1.

Casas:2009:EAC

- [1817] Fernando Casas and Ander Murua. An efficient algorithm for computing the Baker–Campbell–Hausdorff series and some of its applications. *Journal of Mathematical Physics*, 50(3):033513, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033513_s1.

Zhang:2009:IDI

- [1818] Zhongzhi Zhang, Yichao Zhang, Shuigeng Zhou, Ming Yin, and Jihong Guan. Influences of degree inhomogeneity on average path length and random walks in disassortative scale-free networks. *Journal of Mathematical Physics*, 50(3):033514, March 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i3/p033514_s1. See publisher’s note [1941].

Chiribella:2009:RSQ

- [1819] Giulio Chiribella, Giacomo Mauro D’Ariano, and Paolo Perinotti. Realization schemes for quantum instruments in finite dimensions. *Journal of Mathematical Physics*, 50(4):042101, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042101_s1.

Cintio:2009:SRD

- [1820] A. Cintio and G. Morchio. Sum rules and density waves spectrum for nonrelativistic fermions. *Journal of Mathematical Physics*, 50(4):042102, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042102_s1.

Aaberg:2009:CMA

- [1821] Johan Åberg and Graeme Mitchison. Cumulants and the moment algebra: Tools for analyzing weak measurements. *Journal of Mathematical Physics*, 50(4):042103, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042103_s1.

Christandl:2009:FFT

- [1822] Matthias Christandl and Ben Toner. Finite de Finetti theorem for conditional probability distributions describing physical theories. *Journal of Mathematical Physics*, 50(4):042104, April 2009. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042104_s1.

Ho:2009:SIP

- [1823] Choon-Lin Ho. Shape invariance in prepotential approach to exactly solvable models. *Journal of Mathematical Physics*, 50(4):042105, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042105_s1.

Ambainis:2009:NEQ

- [1824] Andris Ambainis, Jan Bouda, and Andreas Winter. Nonmalleable encryption of quantum information. *Journal of Mathematical Physics*, 50(4):042106, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042106_s1.

Ammari:2009:MFL

- [1825] Z. Ammari and F. Nier. Mean field limit for bosons and propagation of Wigner measures. *Journal of Mathematical Physics*, 50(4):042107, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042107_s1.

Shirai:2009:SAP

- [1826] Shin ichi Shirai. Some applications of the Pohozaev identity. *Journal of Mathematical Physics*, 50(4):042108, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042108_s1.

Chuang:2009:CSQ

- [1827] Isaac Chuang, Andrew Cross, Graeme Smith, John Smolin, and Bei Zeng. Codeword stabilized quantum codes: Algorithm and structure. *Journal of Mathematical Physics*, 50(4):042109, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042109_s1.

Barnich:2009:DIE

- [1828] Glenn Barnich and Cédric Troessaert. Duality and integrability: Electromagnetism, linearized gravity, and massless higher spin gauge fields as bi-Hamiltonian systems. *Journal of Mathematical Physics*, 50(4):042301,

April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042301_s1.

Bogner:2009:PFI

- [1829] Christian Bogner and Stefan Weinzierl. Periods and Feynman integrals. *Journal of Mathematical Physics*, 50(4):042302, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042302_s1.

Savadkouhi:2009:ATJ

- [1830] M. Bavand Savadkouhi, M. Eshaghi Gordji, J. M. Rassias, and N. Ghobadipour. Approximate ternary Jordan derivations on Banach ternary algebras. *Journal of Mathematical Physics*, 50(4):042303, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042303_s1. See comment [2198].

Giribet:2009:CTP

- [1831] Gaston Giribet and Lorena Nicolás. Comment on three-point function in AdS(3)/CFT(2). *Journal of Mathematical Physics*, 50(4):042304, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042304_s1.

Wickramasekara:2009:RDQa

- [1832] S. Wickramasekara. Relativistic dynamics of quasistable states. I. Perturbation theory for the Poincaré group. *Journal of Mathematical Physics*, 50(4):042305, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042305_s1.

deBerredo-Peixoto:2009:TDG

- [1833] G. de Berredo-Peixoto and M. O. Katanaev. Tube dislocations in gravity. *Journal of Mathematical Physics*, 50(4):042501, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042501_s1.

Mitra:2009:CEG

- [1834] Abhas Mitra. Comments on “The Euclidean gravitational action as black hole entropy, singularities, and space–time voids”, [J. Math. Phys. **49**, 042501 (2008)]. *Journal of Mathematical Physics*, 50(4):042502, April

2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042502_s1. See [1426, 2217].

Ramm:2009:IMD

- [1835] A. G. Ramm. Invariant manifolds for dissipative systems. *Journal of Mathematical Physics*, 50(4):042701, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042701_s1.

Song:2009:BND

- [1836] Haitao Song and Chengkui Zhong. Blow up of the nonclassical diffusion equation. *Journal of Mathematical Physics*, 50(4):042702, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042702_s1.

Chiba:2009:LEA

- [1837] Hayato Chiba and Masatomo Iwasa. Lie equations for asymptotic solutions of perturbation problems of ordinary differential equations. *Journal of Mathematical Physics*, 50(4):042703, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042703_s1.

Ivanchenko:2009:DET

- [1838] E. A. Ivanchenko. Dynamic equations for three different qudits in a magnetic field. *Journal of Mathematical Physics*, 50(4):042704, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042704_s1.

Cronstrom:2009:NSV

- [1839] Christofer Cronström and Tommi Raita. On nonholonomic systems and variational principles. *Journal of Mathematical Physics*, 50(4):042901, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042901_s1.

Sonego:2009:FAR

- [1840] Sebastiano Sonego and Massimo Pin. Foundations of anisotropic relativistic mechanics. *Journal of Mathematical Physics*, 50(4):042902, April

2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042902_s1.

Jimenez-Lara:2009:GPP

- [1841] Lidia Jiménez-Lara, Jaume Llibre, and Martín Vargas. Global phase portraits of the planar perpendicular problem of two fixed centers. *Journal of Mathematical Physics*, 50(4):042903, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p042903_s1.

Bauer:2009:CSL

- [1842] Michel Bauer, Denis Bernard, and Tom Kennedy. Conditioning Schramm–Loewner evolutions and loop erased random walks. *Journal of Mathematical Physics*, 50(4):043301, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043301_s1.

Yamano:2009:GKL

- [1843] Takuya Yamano. A generalization of the Kullback–Leibler divergence and its properties. *Journal of Mathematical Physics*, 50(4):043302, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043302_s1.

Tsallis:2009:EMV

- [1844] C. Tsallis, A. R. Plastino, and R. F. Alvarez-Estrada. Escort mean values and the characterization of power-law-decaying probability densities. *Journal of Mathematical Physics*, 50(4):043303, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043303_s1.

Huang:2009:QAQ

- [1845] Hua-Lin Huang. Quiver approaches to quasi-Hopf algebras. *Journal of Mathematical Physics*, 50(4):043501, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043501_s1.

Sahadevan:2009:HDI

- [1846] R. Sahadevan and S. Rajakumar. Higher dimensional integrable mappings derived from coupled discrete nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 50(4):043502, April 2009. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.
URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043502_s1.

Chen:2009:CSS

- [1847] Bang-Yen Chen. Classification of spatial surfaces with parallel mean curvature vector in pseudo-Euclidean spaces of arbitrary dimension. *Journal of Mathematical Physics*, 50(4):043503, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043503_s1.

Hlavaty:2009:PLP

- [1848] Ladislav Hlavatý, Ivo Petr, and Vojtech Stepán. Poisson–Lie T -plurality with spectators. *Journal of Mathematical Physics*, 50(4):043504, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043504_s1.

Geloun:2009:CSN

- [1849] J. Ben Geloun and F. G. Scholtz. Coherent states in noncommutative quantum mechanics. *Journal of Mathematical Physics*, 50(4):043505, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043505_s1.

Gao:2009:EUE

- [1850] Zhifeng Gao and Jing Zhang. Existence, uniqueness, and equivalence theorems for magnetic monopoles in general $(4p-1)$ -dimensional Yang–Mills theory. *Journal of Mathematical Physics*, 50(4):043506, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043506_s1.

Khochman:2009:RSS

- [1851] Abdallah Khochman. Resonances and spectral shift function for a magnetic Schrödinger operator. *Journal of Mathematical Physics*, 50(4):043507, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043507_s1.

Klimcik:2009:IYB

- [1852] Ctirad Klimčík. On integrability of the Yang–Baxter σ -model. *Journal of Mathematical Physics*, 50(4):043508, April 2009. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043508_s1.

Bagarello:2009:IOB

- [1853] F. Bagarello. Intertwining operators between different Hilbert spaces: Connection with frames. *Journal of Mathematical Physics*, 50(4):043509, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043509_s1.

Hoppe:2009:SAM

- [1854] Jens Hoppe, Douglas Lundholm, and Maciej Trzetrzelewski. Spin(9) average of $SU(N)$ matrix models. *Journal of Mathematical Physics*, 50(4):043510, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043510_s1.

Nimmo:2009:TSV

- [1855] J. J. C. Nimmo and S. N. M. Ruijsenaars. Tzitzeica solitons versus relativistic Calogero–Moser three-body clusters. *Journal of Mathematical Physics*, 50(4):043511, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043511_s1.

Rasmussen:2009:PFR

- [1856] Jørgen Rasmussen. Polynomial fusion rings of W -extended logarithmic minimal models. *Journal of Mathematical Physics*, 50(4):043512, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043512_s1.

Zertuche:2009:RKN

- [1857] Federico Zertuche. On the robustness of NK -Kauffman networks against changes in their connections and Boolean functions. *Journal of Mathematical Physics*, 50(4):043513, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043513_s1.

Camargo:2009:SFG

- [1858] R. Figueiredo Camargo, R. Charnet, and E. Capelas de Oliveira. On some fractional Green’s functions. *Journal of Mathematical Physics*, 50(4):

043514, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043514_s1.

Stephan:2009:KDS

- [1859] Christoph A. Stephan. Krajewski diagrams and the standard model. *Journal of Mathematical Physics*, 50(4):043515, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043515_s1.

Alabina:2009:ASS

- [1860] Y. F. Alabina, A. V. Latyshev, and A. A. Yushkanov. Analytical solution of the skin effect problem with the displacement current in Maxwell plasma by the source method. *Journal of Mathematical Physics*, 50(4):043516, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043516_s1.

Ali:2009:NRC

- [1861] S. Twareque Ali, Lubka Balkova, E. M. F. Curado, J. P. Gazeau, M. A. Rego-Monteiro, Ligia M. C. S. Rodrigues, and K. Sekimoto. Noncommutative reading of the complex plane through Delone sequences. *Journal of Mathematical Physics*, 50(4):043517, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043517_s1.

Wei:2009:MRC

- [1862] Yi Wei. Moments of ratios of characteristic polynomials of a certain class of random matrices. *Journal of Mathematical Physics*, 50(4):043518, April 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i4/p043518_s1.

Nachtergaele:2009:EJM

- [1863] Bruno L. Z. Nachtergaele. Editorial: Journal of Mathematical Physics turns 50. *Journal of Mathematical Physics*, 50(5):050401, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p050401_s1.

Viennot:2009:NFH

- [1864] David Viennot. The need for a flat higher gauge structure to describe a Berry phase associated with some resonance phenomena. *Journal*

of *Mathematical Physics*, 50(5):052101, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052101_s1.

Rudolph:2009:AQO

- [1865] G. Rudolph and M. Schmidt. On the algebra of quantum observables for a certain gauge model. *Journal of Mathematical Physics*, 50(5):052102, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052102_s1.

Amorim:2009:TCN

- [1866] Ricardo Amorim. Tensor coordinates in noncommutative mechanics. *Journal of Mathematical Physics*, 50(5):052103, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052103_s1.

Fakhri:2009:CBG

- [1867] H. Fakhri and A. Dehghani. Coherency of $\text{su}(1,1)$ -Barut-Girardello type and entanglement for spherical harmonics. *Journal of Mathematical Physics*, 50(5):052104, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052104_s1.

Cannata:2009:TDS

- [1868] F. Cannata, M. V. Ioffe, and D. N. Nishnianidze. Three-dimensional solutions of supersymmetrical intertwining relations and pairs of isospectral Hamiltonians. *Journal of Mathematical Physics*, 50(5):052105, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052105_s1.

Marino:2009:MIM

- [1869] Marcos Mariño, Ricardo Schiappa, and Marlene Weiss. Multi-instantons and multicuts. *Journal of Mathematical Physics*, 50(5):052301, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052301_s1.

Zamani:2009:QMP

- [1870] Farhad Zamani and Ali Mostafazadeh. Quantum mechanics of Proca fields. *Journal of Mathematical Physics*, 50(5):052302, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052302_s1.

Chrusciel:2009:HDB

- [1871] Piotr T. Chruściel. On higher dimensional black holes with Abelian isometry group. *Journal of Mathematical Physics*, 50(5):052501, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052501_s1.

Sobreira:2009:CSE

- [1872] A. A. R. Sobreira, Geusa de A. Marques, J. B. Fonseca-Neto, and V. B. Bezerra. On a class of solutions of the Einstein–Maxwell field equations in scalar-tensor theories of gravity. *Journal of Mathematical Physics*, 50(5):052502, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052502_s1.

Joung:2009:TDQ

- [1873] E. Joung, J. Mourad, and K. Noui. Three dimensional quantum geometry and deformed symmetry. *Journal of Mathematical Physics*, 50(5):052503, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052503_s1.

Qin:2009:DRW

- [1874] Wen-Xin Qin and Pei-Lin Zhang. Discrete rotating waves in a ring of coupled mechanical oscillators with strong damping. *Journal of Mathematical Physics*, 50(5):052701, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052701_s1.

ElBialy:2009:CBR

- [1875] Mohamed Sami ElBialy. Collective branch regularization of simultaneous binary collisions in the 3D N -body problem. *Journal of Mathematical Physics*, 50(5):052702, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052702_s1.

Guo:2009:DSZ

- [1876] Boling Guo, Yan Lv, and Xiaoping Yang. Dynamics of stochastic Zakharov equations. *Journal of Mathematical Physics*, 50(5):052703, May

2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052703_s1.

Pradeep:2009:NCH

- [1877] R. Gladwin Pradeep, V. K. Chandrasekar, M. Senthilvelan, and M. Lakshmanan. Nonstandard conserved Hamiltonian structures in dissipative/damped systems: Nonlinear generalizations of damped harmonic oscillator. *Journal of Mathematical Physics*, 50(5):052901, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p052901_s1.

Cimmelli:2009:NTF

- [1878] V. A. Cimmelli, A. Sellitto, and V. Triani. A new thermodynamic framework for second-grade Korteweg-type viscous fluids. *Journal of Mathematical Physics*, 50(5):053101, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053101_s1.

Janaswamy:2009:TPF

- [1879] R. Janaswamy. Transitional probabilities for the four-state random walk on a lattice in the presence of partially reflecting boundaries. *Journal of Mathematical Physics*, 50(5):053301, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053301_s1.

Ha:2009:GEC

- [1880] Seung-Yeal Ha and Ho Lee. Global existence of classical solutions to the damped Vlasov–Klein–Gordon equations with small data. *Journal of Mathematical Physics*, 50(5):053302, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053302_s1.

Genovese:2009:MAM

- [1881] Giuseppe Genovese and Adriano Barra. A mechanical approach to mean field spin models. *Journal of Mathematical Physics*, 50(5):053303, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053303_s1.

Yang:2009:SSS

- [1882] Yisong Yang and Ruifeng Zhang. Steady state solutions for nonlinear Schrödinger equation arising in optics. *Journal of Mathematical*

Physics, 50(5):053501, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053501_s1. See erratum [2200].

Luczak:2009:MPD

- [1883] Andrzej Luczak. Maximizing the probability of detection for pure states. *Journal of Mathematical Physics*, 50(5):053502, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053502_s1.

Anishetty:2009:ISB

- [1884] Ramesh Anishetty, Manu Mathur, and Indrakshi Raychowdhury. Irreducible SU(3) Schwinger bosons. *Journal of Mathematical Physics*, 50(5):053503, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053503_s1.

Katore:2009:GPG

- [1885] S. D. Katore and R. S. Rane. Generalized plane gravitational waves of weakened field equations in general relativity. *Journal of Mathematical Physics*, 50(5):053504, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053504_s1.

Sahadevan:2009:SRN

- [1886] R. Sahadevan and L. Nalinidevi. Similarity reduction, nonlocal and master symmetries of sixth order Korteweg–de Vries equation. *Journal of Mathematical Physics*, 50(5):053505, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053505_s1.

Liu:2009:GDA

- [1887] Xiaojun Liu, Runliang Lin, Bo Jin, and Yunbo Zeng. A generalized dressing approach for solving the extended KP and the extended mKP hierarchy. *Journal of Mathematical Physics*, 50(5):053506, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053506_s1.

Horwood:2009:HJT

- [1888] Joshua T. Horwood, Raymond G. McLenaghan, and Roman G. Smirnov. Hamilton–Jacobi theory in three-dimensional Minkowski space via Cartan geometry. *Journal of Mathematical Physics*, 50(5):053507, May

2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053507_s1.

Yang:2009:ENV

- [1889] Sze-Guang Yang. The existence of nontopological vortices in a two-particle Chern–Simons system. *Journal of Mathematical Physics*, 50(5):053508, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053508_s1.

Poghosyan:2009:ACE

- [1890] Suren Poghosyan and Daniel Ueltschi. Abstract cluster expansion with applications to statistical mechanical systems. *Journal of Mathematical Physics*, 50(5):053509, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053509_s1.

Hu:2009:IES

- [1891] Juan Hu, Xing-Biao Hu, and Hon-Wah Tam. Ishimori-I equation with self-consistent sources. *Journal of Mathematical Physics*, 50(5):053510, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053510_s1.

Rossi:2009:HPT

- [1892] Carlo A. Rossi. Holonomy and parallel transport in the differential geometry of loop spaces and generalized gauge transformations. *Journal of Mathematical Physics*, 50(5):053511, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053511_s1.

Franssens:2009:DDS

- [1893] Ghislain R. Franssens. Delta distributions supported on quadratic $O(p, q)$ -invariant surfaces. *Journal of Mathematical Physics*, 50(5):053512, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053512_s1.

Gordoa:2009:MRO

- [1894] P. R. Gordoa and A. Pickering. A method of reduction of order for discrete systems. *Journal of Mathematical Physics*, 50(5):053513, May

2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053513_s1.

Budinich:2009:CCC

- [1895] Marco Budinich. On computational complexity of Clifford algebra. *Journal of Mathematical Physics*, 50(5):053514, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053514_s1.

Agrawal:2009:TDM

- [1896] Gunjan Agrawal and Sampada Shrivastava. t -topology on the n -dimensional Minkowski space. *Journal of Mathematical Physics*, 50(5):053515, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053515_s1.

Fatibene:2009:SOD

- [1897] Lorenzo Fatibene, Raymond G. McLenaghan, Giovanni Rastelli, and Shane N. Smith. Symmetry operators for Dirac's equation on two-dimensional spin manifolds. *Journal of Mathematical Physics*, 50(5):053516, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053516_s1.

Bogoyavlensky:2009:MDI

- [1898] Oleg Bogoyavlensky. Method of descent for integrable lattices. *Journal of Mathematical Physics*, 50(5):053517, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053517_s1.

Yomba:2009:MIE

- [1899] Emmanuel Yomba and George R. Sell. Modulational instability and exact solutions for a three-component system of vector nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 50(5):053518, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053518_s1.

Huan-he:2009:SLA

- [1900] Dong Huan-he. A subalgebra of Lie algebra A_2 and its associated two types of loop algebras, as well as Hamiltonian structures of integrable hierarchy. *Journal of Mathematical Physics*, 50(5):053519, May 2009.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053519_s1.

Dinlemez:2009:PFF

- [1901] Ülkü Dinlemez and Gülten Torun. Properties of the far-field operator for a multilayered scatterer in acoustic scattering theory. *Journal of Mathematical Physics*, 50(5):053520, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053520_s1.

Kawamura:2009:UFB

- [1902] Katsunori Kawamura. Universal fermionization of bosons on permutative representations of the Cuntz algebra O_2 . *Journal of Mathematical Physics*, 50(5):053521, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053521_s1.

Zhdanov:2009:RBP

- [1903] Renat Zhdanov. On relation between potential and contact symmetries of evolution equations. *Journal of Mathematical Physics*, 50(5):053522, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053522_s1.

Paal:2009:DDT

- [1904] Eugen Paal and Jüri Virkepu. Dynamical deformations of three-dimensional Lie algebras in Bianchi classification over the harmonic oscillator. *Journal of Mathematical Physics*, 50(5):053523, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053523_s1.

Yang:2009:FGS

- [1905] Xiao Yang and Junmin Wang. Finite genus solution of a new (2+1) Burgers equation with a discrete variable. *Journal of Mathematical Physics*, 50(5):053524, May 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i5/p053524_s1.

Kotulek:2009:NSN

- [1906] Jan Kotulek. Nontrivial systems and the necessity of the scalar quantum mechanics axioms. *Journal of Mathematical Physics*, 50(6):062101,

June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062101_s1.

Tyson:2009:MEQ

- [1907] Jon Tyson. Minimum-error quantum distinguishability bounds from matrix monotone functions: A comment on “two-sided estimates of minimum-error distinguishability of mixed quantum states via generalized holevo–curlander bounds”, [J. math. phys. **50**, 032106 (2009)]. *Journal of Mathematical Physics*, 50(6):062102, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062102_s1. See [2097, 1796].

Cornean:2009:IEM

- [1908] H. D. Cornean, J. Dereziński, and P. Ziń. On the infimum of the energy-momentum spectrum of a homogeneous Bose gas. *Journal of Mathematical Physics*, 50(6):062103, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062103_s1.

Korbicz:2009:EQG

- [1909] J. K. Korbicz, J. Wehr, and M. Lewenstein. Entanglement and quantum groups. *Journal of Mathematical Physics*, 50(6):062104, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062104_s1.

Laing:2009:UGT

- [1910] W. B. Laing, M. Dunn, and D. K. Watson. On the use of group theoretical and graphical techniques toward the solution of the general N -body problem. *Journal of Mathematical Physics*, 50(6):062105, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062105_s1.

Skowronek:2009:CPM

- [1911] Lukasz Skowronek, Erling Størmer, and Karol Zyczkowski. Cones of positive maps and their duality relations. *Journal of Mathematical Physics*, 50(6):062106, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062106_s1.

Delbourgo:2009:IME

- [1912] R. Delbourgo and D. Elliott. Inverse momentum expectation values for hydrogenic systems. *Journal of Mathematical Physics*, 50(6):062107, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062107_s1.

Beny:2009:QEC

- [1913] Cédric Béný, Achim Kempf, and David W. Kribs. Quantum error correction on infinite-dimensional Hilbert spaces. *Journal of Mathematical Physics*, 50(6):062108, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062108_s1.

Amooshahi:2009:CQE

- [1914] M. Amooshahi. Canonical quantization of electromagnetic field in an anisotropic polarizable and magnetizable medium. *Journal of Mathematical Physics*, 50(6):062301, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062301_s1.

Takaesu:2009:SAQ

- [1915] Toshimitsu Takaesu. On the spectral analysis of quantum electrodynamics with spatial cutoffs. I. *Journal of Mathematical Physics*, 50(6):062302, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062302_s1.

Torre:2009:SRQ

- [1916] C. G. Torre. Symmetry reduction of quasi-free states. *Journal of Mathematical Physics*, 50(6):062303, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062303_s1.

Dappiaggi:2009:DQS

- [1917] Claudio Dappiaggi, Valter Moretti, and Nicola Pinamonti. Distinguished quantum states in a class of cosmological spacetimes and their Hadamard property. *Journal of Mathematical Physics*, 50(6):062304, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062304_s1.

Bessa:2009:BMR

- [1918] Carlos H. G. Bessa, V. B. Bezerra, and L. H. Ford. Brownian motion in Robertson–Walker spacetimes from electromagnetic vacuum fluctuations. *Journal of Mathematical Physics*, 50(6):062501, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062501_s1.

DeLuca:2009:VPW

- [1919] Jayme De Luca. Variational principle for the Wheeler–Feynman electrodynamics. *Journal of Mathematical Physics*, 50(6):062701, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062701_s1.

Macfarlane:2009:ECA

- [1920] A. J. Macfarlane. On the evolution of the cellular automaton of rule 150 from some simple initial states. *Journal of Mathematical Physics*, 50(6):062702, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p062702_s1.

Qian:2009:IRR

- [1921] Min-Ping Qian and Jian-Sheng Xie. On the imaginary-real ratio rule of power spectra. *Journal of Mathematical Physics*, 50(6):063301, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063301_s1. See comment [2197].

Jiang:2009:ECO

- [1922] Tiefeng Jiang. The entries of circular orthogonal ensembles. *Journal of Mathematical Physics*, 50(6):063302, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063302_s1.

Fan:2009:MES

- [1923] Hong yi Fan and Xue xiang Xu. Mean energy of some interacting bosonic systems derived by virtue of the generalized Hellmann–Feynman theorem. *Journal of Mathematical Physics*, 50(6):063303, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063303_s1.

Zeitlin:2009:SFT

- [1924] Anton M. Zeitlin. String field theory-inspired algebraic structures in gauge theories. *Journal of Mathematical Physics*, 50(6):063501, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063501_s1.

Miao:2009:CSS

- [1925] Rong-Xin Miao. The covariant and on-shell statistics in κ -deformed space-time. *Journal of Mathematical Physics*, 50(6):063502, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063502_s1.

Gade:2009:SSC

- [1926] R. M. Gade. A set of sums for continuous dual q -2-Hahn polynomials. *Journal of Mathematical Physics*, 50(6):063503, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063503_s1.

Akemann:2009:GPN

- [1927] G. Akemann, M. J. Phillips, and L. Shifrin. Gap probabilities in non-Hermitian random matrix theory. *Journal of Mathematical Physics*, 50(6):063504, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063504_s1.

Zenchuk:2009:RBN

- [1928] A. I. Zenchuk. On the relationship between nonlinear equations integrable by the method of characteristics and equations associated with commuting vector fields. *Journal of Mathematical Physics*, 50(6):063505, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063505_s1.

Ruggieri:2009:SRT

- [1929] Marianna Ruggieri and Antonino Valenti. Symmetries and reduction techniques for dissipative models. *Journal of Mathematical Physics*, 50(6):063506, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063506_s1.

Camargo:2009:SFL

- [1930] R. Figueiredo Camargo, Ary O. Chiacchio, R. Charnet, and E. Capelas de Oliveira. Solution of the fractional Langevin equation and the Mittag-Leffler functions. *Journal of Mathematical Physics*, 50(6):063507, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063507_s1.

Goze:2009:HAT

- [1931] M. Goze and M. Rausch de Traubenberg. Hopf algebras for ternary algebras. *Journal of Mathematical Physics*, 50(6):063508, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063508_s1.

Calvaruso:2009:TDI

- [1932] Giovanni Calvaruso. Three-dimensional Ivanov–Petrova manifolds. *Journal of Mathematical Physics*, 50(6):063509, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063509_s1.

Goto:2009:EFP

- [1933] Shin itiro Goto and Robin W. Tucker. Electromagnetic fields produced by moving sources in a curved beam pipe. *Journal of Mathematical Physics*, 50(6):063510, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063510_s1.

Cho:2009:AAG

- [1934] Ilwoo Cho and Palle E. T. Jorgensen. Applications of automata and graphs: Labeling operators in Hilbert space. II. *Journal of Mathematical Physics*, 50(6):063511, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063511_s1.

Hoang:2009:IPH

- [1935] N. S. Hoang and A. G. Ramm. An inverse problem for a heat equation with piecewise-constant thermal conductivity. *Journal of Mathematical Physics*, 50(6):063512, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063512_s1.

Jardim:2009:ETD

- [1936] Marcos Jardim and Rafael F. Leão. On the eigenvalues of the twisted Dirac operator. *Journal of Mathematical Physics*, 50(6):063513, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063513_s1.

Gunara:2009:FBP

- [1937] Bobby Eka Gunara and Freddy Permana Zen. Flat Bogomolnyi–Prasad–Sommerfeld domain walls on two-dimensional Kähler–Ricci soliton. *Journal of Mathematical Physics*, 50(6):063514, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063514_s1. See publisher’s note [2096].

Ghosh:2009:BAS

- [1938] Saugata Ghosh. Bulk asymptotics of skew-orthogonal polynomials for quartic double well potential and universality in the matrix model. *Journal of Mathematical Physics*, 50(6):063515, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063515_s1.

Cong:2009:QSC

- [1939] Hongzi Cong, Jianjun Liu, and Xiaoping Yuan. Quasiperiodic solutions for the cubic complex Ginzburg–Landau equation. *Journal of Mathematical Physics*, 50(6):063516, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p063516_s1.

Park:2009:EEA

- [1940] Jong Yeoul Park and Tae Gab Ha. Erratum: “Existence and asymptotic stability for the semilinear wave equation with boundary damping and source term”, [J. Math. Phys. **49**, 053511 (2008)]. *Journal of Mathematical Physics*, 50(6):069901, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p069901_s1. See erratum [1483].

Zhang:2009:PNI

- [1941] Zhongzhi Zhang, Yichao Zhang, Shuigeng Zhou, Ming Yin, and Jihong Guan. Publisher’s note: “Influences of degree inhomogeneity on average path length and random walks in disassortative scale-free networks”, [J. Math. Phys. **50**, 033514 (2009)]. *Journal of Mathematical Physics*, 50(6):

069902, June 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i6/p069902_s1. See [1818].

Biswas:2009:QSM

- [1942] Indranil Biswas. Quantization of a symplectic manifold associated to a manifold with projective structure. *Journal of Mathematical Physics*, 50(7):072101, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072101_s1.

Buyukasik:2009:ESQ

- [1943] Sirin A. Büyükasik, Oktay K. Pashaev, and Esra Tigrak-Ulas. Exactly solvable quantum Sturm–Liouville problems. *Journal of Mathematical Physics*, 50(7):072102, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072102_s1.

Miyao:2009:RVW

- [1944] Tadahiro Miyao and Herbert Spohn. The retarded van der Waals potential: Revisited. *Journal of Mathematical Physics*, 50(7):072103, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072103_s1.

Mosonyi:2009:GRE

- [1945] Milán Mosonyi and Nilanjana Datta. Generalized relative entropies and the capacity of classical-quantum channels. *Journal of Mathematical Physics*, 50(7):072104, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072104_s1.

Khuri:2009:LEP

- [1946] N. N. Khuri, André Martin, J.-M. Richard, and Tai Tsun Wu. Low-energy potential scattering in two and three dimensions. *Journal of Mathematical Physics*, 50(7):072105, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072105_s1.

Bar-on:2009:DWF

- [1947] T. Bar-on. Discrete Wigner function by symmetric informationally complete positive operator valued measure. *Journal of Mathematical Physics*, 50(7):072106, July 2009. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072106_s1.

Meng:2009:KP

- [1948] Guowu Meng. The $Sp(1)$ -Kepler problems. *Journal of Mathematical Physics*, 50(7):072107, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072107_s1.

Domenech:2009:MWM

- [1949] G. Domenech, H. Freytes, and C. de Ronde. Many worlds and modality in the interpretation of quantum mechanics: An algebraic approach. *Journal of Mathematical Physics*, 50(7):072108, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072108_s1.

Jureit:2009:CIA

- [1950] Jan-Hendrik Jureit and Christoph A. Stephan. On a classification of irreducible almost-commutative geometries V. *Journal of Mathematical Physics*, 50(7):072301, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072301_s1.

Wickramasekara:2009:RDQb

- [1951] S. Wickramasekara. Relativistic dynamics of quasistable states. II. Differentiable representations of the causal Poincaré semigroup. *Journal of Mathematical Physics*, 50(7):072302, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072302_s1.

Chae:2009:SNL

- [1952] Myeongju Chae and Hyungjin Huh. Semi-nonrelativistic limit of the Chern–Simons–Higgs system. *Journal of Mathematical Physics*, 50(7):072303, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072303_s1.

Giambo:2009:FRP

- [1953] Roberto Giambò, Fabio Giannoni, and Antonio Masiello. Functional regularity properties for light rays in general relativity. *Journal of Mathematical Physics*, 50(7):072501, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072501_s1.

Tanabe:2009:AFS

- [1954] Kentaro Tanabe, Norihiro Tanahashi, and Tetsuya Shiromizu. Asymptotic flatness at spatial infinity in higher dimensions. *Journal of Mathematical Physics*, 50(7):072502, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072502_s1.

Petters:2009:MTSa

- [1955] A. O. Petters, B. Rider, and A. M. Teguiã. A mathematical theory of stochastic microlensing. I. Random time delay functions and lensing maps. *Journal of Mathematical Physics*, 50(7):072503, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072503_s1.

Avan:2009:CFT

- [1956] Jean Avan and Geneviève Rollet. On Calogero–François-type Lax matrices and their dynamical r -matrices. *Journal of Mathematical Physics*, 50(7):072701, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072701_s1.

Xie:2009:CEO

- [1957] H. Y. Xie, P. T. Leung, and D. P. Tsai. Clarification and extension of the optical reciprocity theorem. *Journal of Mathematical Physics*, 50(7):072901, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072901_s1.

Khorrami:2009:PSS

- [1958] Mohammad Khorrami, Amir H. Fatollahi, and Ahmad Shariati. Poisson structure on a space with linear $SU(2)$ fuzziness. *Journal of Mathematical Physics*, 50(7):072902, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p072902_s1.

Boland:2009:LCI

- [1959] G. Boland. Long cycles in the infinite-range-hopping Bose–Hubbard model. *Journal of Mathematical Physics*, 50(7):073301, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073301_s1.

Feral:2009:LES

- [1960] Delphine Féral and Sandrine Péché. The largest eigenvalues of sample covariance matrices for a spiked population: Diagonal case. *Journal of Mathematical Physics*, 50(7):073302, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073302_s1.

Adams:2009:HER

- [1961] Fred C. Adams and Anthony M. Bloch. Hill's equation with random forcing parameters: The limit of delta function barriers. *Journal of Mathematical Physics*, 50(7):073501, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073501_s1.

Szablikowski:2009:BHS

- [1962] Blazej M. Szablikowski, Maciej Blaszak, and Burcu Silindir. Bi-Hamiltonian structures for integrable systems on regular time scales. *Journal of Mathematical Physics*, 50(7):073502, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073502_s1.

Vacaru:2009:SFN

- [1963] Sergiu I. Vacaru. Spectral functionals, nonholonomic Dirac operators, and noncommutative Ricci flows. *Journal of Mathematical Physics*, 50(7):073503, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073503_s1.

Batalin:2009:CSL

- [1964] Igor A. Batalin and Klaus Bering. A comparative study of Laplacians and Schrödinger–Lichnerowicz–Weitzenböck identities in Riemannian and antisymplectic geometry. *Journal of Mathematical Physics*, 50(7):073504, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073504_s1.

Price:2009:ISS

- [1965] Richard H. Price, Charalampos Markakis, and John L. Friedman. Iteration stability for simple Newtonian stellar systems. *Journal of Mathematical Physics*, 50(7):073505, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073505_s1.

Wang:2009:RME

- [1966] Dong Wang. Random matrices with external source and KP τ functions. *Journal of Mathematical Physics*, 50(7):073506, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073506_s1.

Tian:2009:LRS

- [1967] Lixin Tian, Yuexia Chen, Xiuping Jiang, and Limeng Xia. Low-regularity solutions of the periodic Fornberg–Whitham equation. *Journal of Mathematical Physics*, 50(7):073507, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073507_s1.

Grundland:2009:SEH

- [1968] A. M. Grundland and A. J. Hariton. $N = 2$ supersymmetric extension of a hydrodynamic system in Riemann invariants. *Journal of Mathematical Physics*, 50(7):073508, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073508_s1.

Kalkanli:2009:NSI

- [1969] A. Karasu (Kalkanli) and P. G. L. Leach. Nonlocal symmetries and integrable ordinary differential equations: $\ddot{x} + 3x\dot{x} + x^3 = 0$ and its generalizations. *Journal of Mathematical Physics*, 50(7):073509, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073509_s1.

Carillo:2009:NKV

- [1970] Sandra Carillo and Cornelia Schiebold. Noncommutative Korteweg–de Vries and modified Korteweg–de Vries hierarchies via recursion methods. *Journal of Mathematical Physics*, 50(7):073510, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073510_s1.

Izaurieta:2009:DFL

- [1971] F. Izaurieta, A. Perez, E. Rodriguez, and P. Salgado. Dual formulation of the Lie algebra S -expansion procedure. *Journal of Mathematical Physics*, 50(7):073511, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073511_s1.

Hayn:2009:DSM

- [1972] Michael Hayn and Matthias Holschneider. Directional spherical multipole wavelets. *Journal of Mathematical Physics*, 50(7):073512, July 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i7/p073512_s1.

Bohata:2009:MVB

- [1973] Martin Bohata and Jan Hamhalter. Maximal violation of Bell's inequalities and Pauli spin matrices. *Journal of Mathematical Physics*, 50(8):082101, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082101_s1.

Friesecke:2009:ETQ

- [1974] Gero Friesecke and Mario Koppen. On the Ehrenfest theorem of quantum mechanics. *Journal of Mathematical Physics*, 50(8):082102, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082102_s1.

Mkrtchyan:2009:EPD

- [1975] A. R. Mkrtchyan, R. M. Avakyan, A. G. Hayrapetyan, B. V. Khachatryan, and R. G. Petrosyan. Equations for probability density and for the phase of wave function in quantum mechanics and superconductivity. *Journal of Mathematical Physics*, 50(8):082103, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082103_s1.

Karlsson:2009:TPC

- [1976] Bengt R. Karlsson. Two-parameter complex Hadamard matrices for $N = 6$. *Journal of Mathematical Physics*, 50(8):082104, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082104_s1.

Duman:2009:FAE

- [1977] Ali Nabi Duman. The fusion algebra of an extraspecial p -group. *Journal of Mathematical Physics*, 50(8):082301, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082301_s1.

Aazami:2009:UMTb

- [1978] A. B. Aazami and A. O. Petters. A universal magnification theorem. II. Generic caustics up to codimension five. *Journal of Mathematical Physics*, 50(8):082501, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082501_s1.

Kunduri:2009:CNH

- [1979] Hari K. Kunduri and James Lucietti. A classification of near-horizon geometries of extremal vacuum black holes. *Journal of Mathematical Physics*, 50(8):082502, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082502_s1.

vandenHoogen:2009:CCS

- [1980] R. J. van den Hoogen. A complete cosmological solution to the averaged Einstein field equations as found in macroscopic gravity. *Journal of Mathematical Physics*, 50(8):082503, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082503_s1.

Werner:2009:GUM

- [1981] M. C. Werner. Geometry of universal magnification invariants. *Journal of Mathematical Physics*, 50(8):082504, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082504_s1.

Karachalios:2009:RDA

- [1982] Nikos I. Karachalios. A remark on the dimension of the attractor for the Dirichlet problem of the complex Ginzburg–Landau equation. *Journal of Mathematical Physics*, 50(8):082701, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082701_s1.

Pandey:2009:GTIa

- [1983] S. N. Pandey, P. S. Bindu, M. Senthilvelan, and M. Lakshmanan. A group theoretical identification of integrable cases of the Liénard-type equation $\ddot{x} + f(x)\dot{x} + g(x) = 0$. I. Equations having nonmaximal number of Lie point symmetries. *Journal of Mathematical Physics*, 50(8):082702, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082702_s1.

Koop:2009:CBC

- [1984] M. J. Koop, R. B. Mann, and M. Rohanizadegan. Chaotic behavior in a charged three-body self-gravitating system. *Journal of Mathematical Physics*, 50(8):082703, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082703_s1.

Ren:2009:NNS

- [1985] Yong Ren and Li Chen. A note on the neutral stochastic functional differential equation with infinite delay and Poisson jumps in an abstract space. *Journal of Mathematical Physics*, 50(8):082704, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082704_s1.

Gasull:2009:ODQ

- [1986] Armengol Gasull, Jaume Llibre, and Xiang Zhang. One-dimensional quaternion homogeneous polynomial differential equations. *Journal of Mathematical Physics*, 50(8):082705, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082705_s1.

Grillo:2009:HOC

- [1987] Sergio D. Grillo. Higher order constrained Hamiltonian systems. *Journal of Mathematical Physics*, 50(8):082901, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p082901_s1.

Yeung:2009:ASN

- [1988] Ling Hei Yeung and Yuen Manwai. Analytical solutions to the Navier–Stokes equations with density-dependent viscosity and with pressure. *Journal of Mathematical Physics*, 50(8):083101, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083101_s1.

Eyink:2009:SLM

- [1989] Gregory L. Eyink. Stochastic line motion and stochastic flux conservation for nonideal hydromagnetic models. *Journal of Mathematical Physics*, 50(8):083102, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083102_s1.

Fa:2009:ADG

- [1990] Kwok Sau Fa. Anomalous diffusion in a generalized Langevin equation. *Journal of Mathematical Physics*, 50(8):083301, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083301_s1.

Aliev:2009:GFS

- [1991] M. A. Aliev. Generating function of spin correlation functions for kinetic Glauber–Ising model with time-dependent transition rates. *Journal of Mathematical Physics*, 50(8):083302, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083302_s1.

Hubener:2009:CSS

- [1992] R. Hübener, M. Van den Nest, W. Dür, and H. J. Briegel. Classical spin systems and the quantum stabilizer formalism: General mappings and applications. *Journal of Mathematical Physics*, 50(8):083303, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083303_s1.

Malbouisson:2009:BEM

- [1993] A. P. C. Malbouisson, J. M. C. Malbouisson, and R. C. Pereira. Boundary effects on the mass and coupling constant in the compactified Ginzburg–Landau model: The boundary dependent critical temperature. *Journal of Mathematical Physics*, 50(8):083304, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083304_s1.

Nikolayenko:2009:MTR

- [1994] S. O. Nikolayenko and Yu. V. Slyusarenko. Microscopic theory of relaxation processes in systems of particles interacting with the hydrodynamic medium. *Journal of Mathematical Physics*, 50(8):083305, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083305_s1.

Ataguema:2009:GAN

- [1995] H. Ataguema, A. Makhlof, and S. Silvestrov. Generalization of n -ary Nambu algebras and beyond. *Journal of Mathematical Physics*, 50(8):083501, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083501_s1.

Ye:2009:BVS

- [1996] Deping Ye. On the Bures volume of separable quantum states. *Journal of Mathematical Physics*, 50(8):083502, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083502_s1.

Hu:2009:BBR

- [1997] Qiaoyi Hu and Zhaoyang Yin. Blowup and blowup rate of solutions to a weakly dissipative periodic rod equation. *Journal of Mathematical Physics*, 50(8):083503, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083503_s1.

Han:2009:LBS

- [1998] Jianzhi Han, Junbo Li, and Yucai Su. Lie bialgebra structures on the Schrödinger–Virasoro Lie algebra. *Journal of Mathematical Physics*, 50(8):083504, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083504_s1.

Park:2009:GDQ

- [1999] Jong Yeoul Park and Sun Hye Park. General decay for quasilinear viscoelastic equations with nonlinear weak damping. *Journal of Mathematical Physics*, 50(8):083505, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083505_s1.

Liu:2009:CTA

- [2000] I-Shih Liu. Constitutive theory of anisotropic rigid heat conductors. *Journal of Mathematical Physics*, 50(8):083506, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083506_s1.

Fredsted:2009:SFL

- [2001] John Fredsted. Spinor fields without Lorentz frames in curved space–time using complexified quaternions. *Journal of Mathematical Physics*, 50(8):083507, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083507_s1.

Demenchuk:2009:EPF

- [2002] Alexandr K. Demenchuk and Evgenii K. Makarov. Explicit polynomial formulas for solutions of the matrix equation $AX - XA = C$. *Journal of*

Mathematical Physics, 50(8):083508, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083508_s1.

Hu:2009:BPE

- [2003] Taotao Hu, Kang Xue, and Chunfeng Wu. Berry phase and entanglement of three qubits in a new Yang–Baxter system. *Journal of Mathematical Physics*, 50(8):083509, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083509_s1.

Lyakhovich:2009:NFG

- [2004] S. L. Lyakhovich and A. A. Sharapov. Normal forms and gauge symmetry of local dynamics. *Journal of Mathematical Physics*, 50(8):083510, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083510_s1.

Lopes:2009:GWP

- [2005] C. E. F. Lopes, I. A. Pedrosa, C. Furtado, and A. M. de M. Carvalho. Gaussian wave packet states of scalar fields in a universe of de Sitter. *Journal of Mathematical Physics*, 50(8):083511, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083511_s1.

Penson:2009:LTD

- [2006] K. A. Penson, P. Blasiak, A. Horzela, G. H. E. Duchamp, and A. I. Solomon. Laguerre-type derivatives: Dobiński relations and combinatorial identities. *Journal of Mathematical Physics*, 50(8):083512, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083512_s1.

Weihua:2009:SBQ

- [2007] Liu Weihua and Wu Junde. On supremum of bounded quantum observable. *Journal of Mathematical Physics*, 50(8):083513, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083513_s1.

Chen:2009:GES

- [2008] Guowang Chen, Hongxia Guo, and Hongwei Zhang. Global existence of solutions of Cauchy problem for generalized system of nonlinear evolution

equations arising from DNA. *Journal of Mathematical Physics*, 50(8):083514, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083514_s1.

Vertman:2009:ZDR

- [2009] Boris Vertman. Zeta determinants for regular-singular Laplace-type operators. *Journal of Mathematical Physics*, 50(8):083515, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083515_s1.

He:2009:SSS

- [2010] Chun-Lei He and De-Xing Kong. Spherical symmetric solutions for the motion of relativistic membranes in the Schwarzschild spacetime. *Journal of Mathematical Physics*, 50(8):083516, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083516_s1.

Prodan:2009:ESC

- [2011] Emil Prodan. The edge spectrum of Chern insulators with rough boundaries. *Journal of Mathematical Physics*, 50(8):083517, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083517_s1.

Yang:2009:PFE

- [2012] Wen-Li Yang and Yao-Zhong Zhang. Partition function of the eight-vertex model with domain wall boundary condition. *Journal of Mathematical Physics*, 50(8):083518, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083518_s1.

Sergeev:2009:SS

- [2013] Sergey M. Sergeev. Supertetrahedra and superalgebras. *Journal of Mathematical Physics*, 50(8):083519, August 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i8/p083519_s1.

Its:2009:ISI

- [2014] Alexander Its, Michio Jimbo, and Jean-Michel Maillet. Introduction to special issue: Integrable Quantum Systems and Solvable Statistical Mechanics Models. *Journal of Mathematical Physics*, 50(9):095101,

September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095101_s1.

Fischer:2009:NSG

- [2015] André Fischer and Olaf Lechtenfeld. The noncommutative sine-Gordon breather. *Journal of Mathematical Physics*, 50(9):095201, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095201_s1.

Marquette:2009:STOb

- [2016] Ian Marquette. Superintegrability with third order integrals of motion, cubic algebras, and supersymmetric quantum mechanics. II. Painlevé transcendent potentials. *Journal of Mathematical Physics*, 50(9):095202, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095202_s1.

Arguin:2009:RPF

- [2017] Louis-Pierre Arguin and Yvan Saint-Aubin. Restricted partition functions of the two-dimensional Ising model on a half-infinite cylinder. *Journal of Mathematical Physics*, 50(9):095203, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095203_s1.

Tracy:2009:TCF

- [2018] Craig A. Tracy and Harold Widom. Total current fluctuations in the asymmetric simple exclusion process. *Journal of Mathematical Physics*, 50(9):095204, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095204_s1.

Kozlowski:2009:FSA

- [2019] K. K. Kozlowski. Fine structure of the asymptotic expansion of cyclic integrals. *Journal of Mathematical Physics*, 50(9):095205, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095205_s1.

Boos:2009:CFB

- [2020] H. Boos, M. Jimbo, T. Miwa, and F. Smirnov. Completeness of a fermionic basis in the homogeneous XXZ model. *Journal of Mathemat-*

ical Physics, 50(9):095206, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095206_s1.

Hastings:2009:LCM

- [2021] M. B. Hastings. Light-cone matrix product. *Journal of Mathematical Physics*, 50(9):095207, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095207_s1.

Starr:2009:TLM

- [2022] Shannon Starr. Thermodynamic limit for the Mallows model on S_n . *Journal of Mathematical Physics*, 50(9):095208, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095208_s1.

Kitanine:2009:TLF

- [2023] N. Kitanine, K. K. Kozłowski, J. M. Maillet, N. A. Slavnov, and V. Terras. On the thermodynamic limit of form factors in the massless XXZ Heisenberg chain. *Journal of Mathematical Physics*, 50(9):095209, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095209_s1.

Mathieu:2009:PPC

- [2024] Pierre Mathieu. Paths and partitions: Combinatorial descriptions of the parafermionic states. *Journal of Mathematical Physics*, 50(9):095210, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095210_s1.

Santos:2009:TCO

- [2025] Lea F. Santos. Transport and control in one-dimensional systems. *Journal of Mathematical Physics*, 50(9):095211, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095211_s1.

Faribault:2009:BAA

- [2026] Alexandre Faribault, Pasquale Calabrese, and Jean-Sébastien Caux. Bethe ansatz approach to quench dynamics in the Richardson model. *Journal of Mathematical Physics*, 50(9):095212, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095212_s1.

Hamza:2009:AGS

- [2027] Eman Hamza, Spyridon Michalakis, Bruno Nachtergaele, and Robert Sims. Approximating the ground state of gapped quantum spin systems. *Journal of Mathematical Physics*, 50(9):095213, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095213_s1.

Caux:2009:CFI

- [2028] Jean-Sébastien Caux. Correlation functions of integrable models: A description of the ABACUS algorithm. *Journal of Mathematical Physics*, 50(9):095214, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095214_s1.

Feigin:2009:CAD

- [2029] B. Feigin, K. Hashizume, A. Hoshino, J. Shiraishi, and S. Yanagida. A commutative algebra on degenerate \mathbf{CP}^1 and Macdonald polynomials. *Journal of Mathematical Physics*, 50(9):095215, September 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i9/p095215_s1.

Elci:2009:TST

- [2030] A. Elçi and H. P. Hjalmarson. The tunneling solutions of the time-dependent Schrödinger equation for a square-potential barrier. *Journal of Mathematical Physics*, 50(10):102101, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102101_s1.

Bach:2009:BHF

- [2031] Volker Bach, Jürg Fröhlich, and Lars Jonsson. Bogolubov–Hartree–Fock mean field theory for neutron stars and other systems with attractive interactions. *Journal of Mathematical Physics*, 50(10):102102, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102102_s1.

Valluri:2009:LFQ

- [2032] S. R. Valluri, M. Gil, D. J. Jeffrey, and Shantanu Basu. The Lambert W function and quantum statistics. *Journal of Mathematical Physics*, 50(10):102103, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102103_s1.

Liu:2009:PST

- [2033] Zuhan Liu. Phase separation of two-component Bose–Einstein condensates. *Journal of Mathematical Physics*, 50(10):102104, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102104_s1.

Gour:2009:TRF

- [2034] Gilad Gour, Barry C. Sanders, and Peter S. Turner. Time-reversal frameness and superselection. *Journal of Mathematical Physics*, 50(10):102105, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102105_s1.

Lidar:2009:AAE

- [2035] Daniel A. Lidar, Ali T. Rezakhani, and Alioscia Hamma. Adiabatic approximation with exponential accuracy for many-body systems and quantum computation. *Journal of Mathematical Physics*, 50(10):102106, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102106_s1.

Miyadera:2009:NCT

- [2036] Takayuki Miyadera and Hideki Imai. No-cloning theorem on quantum logics. *Journal of Mathematical Physics*, 50(10):102107, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102107_s1.

Fan:2009:EPS

- [2037] Hong yi Fan and Cui hong Lv. Explicit pure-state density operator structure for quantum tomography. *Journal of Mathematical Physics*, 50(10):102108, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102108_s1. See [2204].

Fucci:2009:NOL

- [2038] Guglielmo Fucci. Nonperturbative one-loop effective action for electrodynamics in curved space-time. *Journal of Mathematical Physics*, 50(10):102301, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102301_s1.

Avramidi:2009:LEE

- [2039] Ivan G. Avramidi and Guglielmo Fucci. Low-energy effective action in nonperturbative electrodynamics in curved space-time. *Journal of Mathematical Physics*, 50(10):102302, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102302_s1.

Adam:2009:CSS

- [2040] C. Adam, P. Klimas, J. Sánchez-Guillén, and A. Wereszczyński. Compact shell solitons in K field theories. *Journal of Mathematical Physics*, 50(10):102303, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102303_s1.

Kim:2009:SFT

- [2041] Hyeong-Chan Kim, Youngone Lee, Chaiho Rim, and Jae Hyung Yee. Scalar field theory in κ -Minkowski spacetime from twist. *Journal of Mathematical Physics*, 50(10):102304, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102304_s1.

Burnett:2009:WLT

- [2042] James Burnett and Dmitri Vassiliev. Weyl's Lagrangian in teleparallel form. *Journal of Mathematical Physics*, 50(10):102501, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102501_s1.

Choudhury:2009:DEF

- [2043] A. Ghose Choudhury, Partha Guha, and Barun Khanra. Determination of elementary first integrals of a generalized Raychaudhuri equation by the Darboux integrability method. *Journal of Mathematical Physics*, 50(10):102502, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102502_s1.

Pandey:2009:GTIb

- [2044] S. N. Pandey, P. S. Bindu, M. Senthilvelan, and M. Lakshmanan. A group theoretical identification of integrable equations in the Liénard-type equation $\ddot{x} + f(x)\dot{x} + g(x) = 0$. II. Equations having maximal Lie point symmetries. *Journal of Mathematical Physics*, 50(10):102701, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102701_s1.

Kundu:2009:NLE

- [2045] Anjan Kundu. Nonlinearizing linear equations to integrable systems including new hierarchies with nonholonomic deformations. *Journal of Mathematical Physics*, 50(10):102702, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102702_s1. See publisher's note [2205].

Cerkaski:2009:EM

- [2046] M. Cerkaski. Ellipsoids of U(3) model. *Journal of Mathematical Physics*, 50(10):102703, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102703_s1.

Gershon:2009:KKT

- [2047] Avi Gershon and Lawrence Horwitz. Kaluza–Klein theory as a dynamics in a dual geometry. *Journal of Mathematical Physics*, 50(10):102704, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102704_s1.

Llibre:2009:DTI

- [2048] J. Llibre and Ch. Pantazi. Darboux theory of integrability for a class of nonautonomous vector fields. *Journal of Mathematical Physics*, 50(10):102705, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102705_s1.

Gong:2009:ANT

- [2049] Dongshan Gong, Haitao Song, and Chengkui Zhong. Attractors for nonautonomous two-dimensional space periodic Navier–Stokes equations. *Journal of Mathematical Physics*, 50(10):102706, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102706_s1.

Zhu:2009:ASS

- [2050] Peicheng Zhu. Asymptotic stability of the stationary solution to an initial boundary value problem for the Mullins equation of fourth order. *Journal of Mathematical Physics*, 50(10):102707, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102707_s1.

Li:2009:MRR

- [2051] Xicheng Li and Mingyu Xu. A model for reversible reaction in a subdiffusive regime. *Journal of Mathematical Physics*, 50(10):102708, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102708_s1.

Ren:2009:SON

- [2052] Yong Ren and Dandan Sun. Second-order neutral impulsive stochastic evolution equations with delay. *Journal of Mathematical Physics*, 50(10):102709, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102709_s1.

Habibullin:2009:CLD

- [2053] Ismagil Habibullin, Natalya Zheltukhina, and Asli Pekcan. Complete list of Darboux integrable chains of the form $t_{1x} = t + x + d(t, t_1)$. *Journal of Mathematical Physics*, 50(10):102710, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102710_s1.

Woodlin:2009:CCC

- [2054] Mervin Woodlin and Zhifu Xie. Collinear central configurations in the n -body problem with general homogeneous potential. *Journal of Mathematical Physics*, 50(10):102901, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102901_s1.

Hone:2009:NPS

- [2055] A. N. W. Hone and M. Senthilvelan. Note on the Poisson structure of the damped oscillator. *Journal of Mathematical Physics*, 50(10):102902, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102902_s1.

Romano:2009:CD

- [2056] Giovanni Romano, Raffaele Barretta, and Marina Diaco. On continuum dynamics. *Journal of Mathematical Physics*, 50(10):102903, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102903_s1.

Frasca:2009:DLS

- [2057] Marco Frasca. Dual Lindstedt series and Kolmogorov–Arnol’d–Moser theorem. *Journal of Mathematical Physics*, 50(10):102904, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p102904_s1.

Nunez:2009:BRE

- [2058] Manuel Núñez. Basic results on the equations of magnetohydrodynamics of partially ionized inviscid plasmas. *Journal of Mathematical Physics*, 50(10):103101, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103101_s1.

Aulisa:2009:AGF

- [2059] Eugenio Aulisa, Lidia Bloshanskaya, Luan Hoang, and Akif Ibragimov. Analysis of generalized Forchheimer flows of compressible fluids in porous media. *Journal of Mathematical Physics*, 50(10):103102, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103102_s1.

Oikonomou:2009:NDD

- [2060] Thomas Oikonomou and G. Baris Bagci. A note on the definition of deformed exponential and logarithm functions. *Journal of Mathematical Physics*, 50(10):103301, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103301_s1.

Halim:2009:CCM

- [2061] Zeghdoudi Halim and Boutabia Hacène. Computation for the canonical measures of a colored disordered lattice gas and spectral gap. *Journal of Mathematical Physics*, 50(10):103302, October 2009. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103302_s1.

Tian:2009:NSB

- [2062] Qianzhu Tian and Jie Sun. Nonlinear stability of boundary layer solution to the Boltzmann equation with diffusive effect at the boundary. *Journal of Mathematical Physics*, 50(10):103303, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103303_s1.

Hiai:2009:QHT

- [2063] Fumio Hiai, Milán Mosonyi, and Masahito Hayashi. Quantum hypothesis testing with group symmetry. *Journal of Mathematical Physics*, 50(10):103304, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103304_s1.

Mano:2009:SMP

- [2064] Toshiyuki Mano. Studies on monodromy preserving deformation of linear differential equations on elliptic curves. *Journal of Mathematical Physics*, 50(10):103501, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103501_s1.

Jorgensen:2009:EWI

- [2065] Palle E. T. Jorgensen and Myung-Sin Song. An extension of Wiener integration with the use of operator theory. *Journal of Mathematical Physics*, 50(10):103502, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103502_s1.

Keller:2009:EEG

- [2066] Kai J. Keller. Euclidean Epstein–Glaser renormalization. *Journal of Mathematical Physics*, 50(10):103503, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103503_s1.

Bruzon:2009:STW

- [2067] M. S. Bruzon, M. L. Gandarias, M. Torrisi, and R. Tracinà. Some traveling wave solutions for the dissipative Zabolotskaya–Khokhlov equation. *Journal of Mathematical Physics*, 50(10):103504, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103504_s1.

Zhang:2009:NSM

- [2068] Xi Zhang. A note of Sasakian metrics with constant scalar curvature. *Journal of Mathematical Physics*, 50(10):103505, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103505_s1.

Wang:2009:GEC

- [2069] Yu-Zhu Wang. Global existence of classical solutions to the minimal surface equation in two space dimensions with slow decay initial value. *Journal of Mathematical Physics*, 50(10):103506, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103506_s1.

Ding:2009:EBS

- [2070] Qing Ding. Explicit blow-up solutions to the Schrödinger maps from R^2 to the hyperbolic 2-space H^2 . *Journal of Mathematical Physics*, 50(10):103507, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103507_s1.

Iohara:2009:NSM

- [2071] Kenji Iohara and Yoshiyuki Koga. Note on spin modules associated to \mathbf{Z} -graded Lie superalgebras. *Journal of Mathematical Physics*, 50(10):103508, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103508_s1.

Sasaki:2009:ESB

- [2072] Ryu Sasaki. Exactly solvable birth and death processes. *Journal of Mathematical Physics*, 50(10):103509, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103509_s1.

Ardavan:2009:ICT

- [2073] Houshang Ardavan, Arzhang Ardavan, John Singleton, Joseph Fasel, and Andrea Schmidt. Inadequacies in the conventional treatment of the radiation field of moving sources. *Journal of Mathematical Physics*, 50(10):

103510, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103510_s1.

Hayashi:2009:FSP

- [2074] Nakao Hayashi and Pavel I. Naumkin. Final state problem for the cubic nonlinear Klein–Gordon equation. *Journal of Mathematical Physics*, 50(10):103511, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103511_s1.

Matache:2009:SNB

- [2075] Mihaela T. Matache and Valentin Matache. On the sensitivity to noise of a Boolean function. *Journal of Mathematical Physics*, 50(10):103512, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103512_s1.

Martin:2009:SGL

- [2076] Antonio J. Calderón Martín. On the structure of graded Lie algebras. *Journal of Mathematical Physics*, 50(10):103513, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103513_s1.

Vignat:2009:SOP

- [2077] C. Vignat and P. W. Lambert. A study of the orthogonal polynomials associated with the quantum harmonic oscillator on constant curvature spaces. *Journal of Mathematical Physics*, 50(10):103514, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103514_s1.

Carinena:2009:QLS

- [2078] José F. Cariñena, P. G. L. Leach, and Javier de Lucas. Quasi-Lie schemes and Emden–Fowler equations. *Journal of Mathematical Physics*, 50(10):103515, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103515_s1.

Hay:2009:CSD

- [2079] Mike Hay. A completeness study on discrete, 2×2 Lax pairs. *Journal of Mathematical Physics*, 50(10):103516, October 2009. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103516_s1.

DiCriscienzo:2009:FDH

- [2080] Roberto Di Criscienzo and Sergio Zerbini. Functional determinants in higher derivative Lagrangian theories. *Journal of Mathematical Physics*, 50(10):103517, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103517_s1. See comment [2201] and erratum [2203].

Melikyan:2009:QIL

- [2081] A. Melikyan and A. Pinzul. On quantum integrability of the Landau–Lifshitz model. *Journal of Mathematical Physics*, 50(10):103518, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103518_s1.

Brezhnev:2009:UBC

- [2082] Yu. V. Brezhnev. On uniformization of Burnside’s curve $y^2 = x^5 - x$. *Journal of Mathematical Physics*, 50(10):103519, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103519_s1.

Cardanobile:2009:TGT

- [2083] Stefano Cardanobile and Delio Mugnolo. Toward a gauge theory for evolution equations on vector-valued spaces. *Journal of Mathematical Physics*, 50(10):103520, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103520_s1.

Egorova:2009:IST

- [2084] Iryna Egorova, Johanna Michor, and Gerald Teschl. Inverse scattering transform for the Toda hierarchy with steplike finite-gap backgrounds. *Journal of Mathematical Physics*, 50(10):103521, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103521_s1.

Qu:2009:NEE

- [2085] Changzheng Qu and Shoufeng Shen. Nonlinear evolution equations admitting multilinear variable separable solutions. *Journal of Mathemat-*

ical Physics, 50(10):103522, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103522_s1.

Skrypnyk:2009:ISG

- [2086] T. Skrypnyk. Integrability and superintegrability of the generalized n -level many-mode Jaynes–Cummings and Dicke models. *Journal of Mathematical Physics*, 50(10):103523, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103523_s1.

Hatzinikitas:2009:FSO

- [2087] Agapitos Hatzinikitas. The fractional Schrödinger operator and Toeplitz matrices. *Journal of Mathematical Physics*, 50(10):103524, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103524_s1.

Dong:2009:RCW

- [2088] Bo-Qing Dong and Zhi-Min Chen. Regularity criteria of weak solutions to the three-dimensional micropolar flows. *Journal of Mathematical Physics*, 50(10):103525, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103525_s1.

Ardenghi:2009:NLC

- [2089] Juan S. Ardenghi, M. Castagnino, and R. Campoamor-Stursberg. The nonrelativistic limit of (central-extended) Poincaré group and some consequences for quantum actualization. *Journal of Mathematical Physics*, 50(10):103526, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103526_s1.

Ciccariello:2009:CFP

- [2090] Salvino Ciccariello. The correlation functions of plane polygons. *Journal of Mathematical Physics*, 50(10):103527, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103527_s1.

Amdeberhan:2009:CFE

- [2091] Tewodros Amdeberhan, Victor H. Moll, and Armin Straub. Closed-form evaluation of integrals appearing in positronium decay. *Journal of Mathematical Physics*, 50(10):103528, October 2009. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103528_s1.

Barros:2009:CVA

- [2092] Manuel Barros and Angel Ferrández. A conformal variational approach for helices in nature. *Journal of Mathematical Physics*, 50(10):103529, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103529_s1.

Miyamoto:2009:HSC

- [2093] Yasuhito Miyamoto. The “hot spots” conjecture for a certain class of planar convex domains. *Journal of Mathematical Physics*, 50(10):103530, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103530_s1.

Weihua:2009:FPL

- [2094] Liu Weihua and Wu Junde. On fixed points of Lüders operation. *Journal of Mathematical Physics*, 50(10):103531, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p103531_s1.

Kamvissis:2009:CER

- [2095] Spyridon Kamvissis. Comment on “Existence and regularity for an energy maximization problem in two dimensions”, [S. Kamvissis and E. A. Rakhmanov, *J. Math. Phys.* **46**, 083505 (2005)]. *Journal of Mathematical Physics*, 50(10):104101, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p104101_s1. See [330].

Gunara:2009:PNF

- [2096] Bobby Eka Gunara and Freddy Permana Zen. Publisher’s note: “Flat Bogomolnyi–Prasad–Sommerfeld domain walls on two-dimensional Kähler–Ricci soliton”, [J. Math. Phys. **50**, 063514 (2009)]. *Journal of Mathematical Physics*, 50(10):109901, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p109901_s1. See [1937].

Tyson:2009:EME

- [2097] Jon Tyson. Erratum: “Minimum-error quantum distinguishability bounds from matrix monotone functions: A comment on “Two-sided estimates of minimum-error distinguishability of mixed quantum states

via generalized Holevo–Curlander bounds’”, [J. Math. Phys. **50**, 062102 (2009)]. *Journal of Mathematical Physics*, 50(10):109902, October 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i10/p109902_s1. See [1907, 1796].

Exner:2009:GPC

- [2098] Pavel Exner and Martin Fraas. On geometric perturbations of critical Schrödinger operators with a surface interaction. *Journal of Mathematical Physics*, 50(11):112101, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112101_s1.

Benes:2009:DPL

- [2099] Thomas Benes and Dietrich Burde. Degenerations of pre-Lie algebras. *Journal of Mathematical Physics*, 50(11):112102, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112102_s1.

Aleixo:2009:MDT

- [2100] A. N. F. Aleixo and A. B. Balantekin. Multiparameter deformation theory for quantum confined systems. *Journal of Mathematical Physics*, 50(11):112103, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112103_s1.

Robinson:2009:LSQ

- [2101] Dean J. Robinson, Eliot Kapit, and André LeClair. Lorentz symmetric quantum field theory for symplectic fermions. *Journal of Mathematical Physics*, 50(11):112301, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112301_s1.

Gouesbet:2009:OTN

- [2102] G. Gouesbet. On the optical theorem and non-plane-wave scattering in quantum mechanics. *Journal of Mathematical Physics*, 50(11):112302, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112302_s1.

Sarisaman:2009:PBS

- [2103] Mustafa Sarisaman. Pseudoduality between symmetric space sigma models. *Journal of Mathematical Physics*, 50(11):112303, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112303_s1.

Hollands:2009:PQF

- [2104] Stefan Hollands and Heiner Olbermann. Perturbative quantum field theory via vertex algebras. *Journal of Mathematical Physics*, 50(11):112304, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112304_s1.

Vogeler:2009:LDS

- [2105] Kirsten Vogeler and Michael Flohr. On a logarithmic deformation of the supersymmetric bc -system on curved manifolds. *Journal of Mathematical Physics*, 50(11):112305, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112305_s1.

Lubbe:2009:ETC

- [2106] Christian Lübbe and Paul Tod. An extension theorem for conformal gauge singularities. *Journal of Mathematical Physics*, 50(11):112501, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112501_s1.

Lubbe:2009:CET

- [2107] Christian Lübbe. A conformal extension theorem based on null conformal geodesics. *Journal of Mathematical Physics*, 50(11):112502, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112502_s1.

Mota:2009:QSR

- [2108] Herondy F. S. Mota and V. B. Bezerra. Quantum scattering of relativistic particles in Safko–Witten spacetime. *Journal of Mathematical Physics*, 50(11):112503, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112503_s1.

Barrett:2009:AAE

- [2109] John W. Barrett, Richard J. Dowdall, Winston J. Fairbairn, Henrique Gomes, and Frank Hellmann. Asymptotic analysis of the Engle–Pereira–Rovelli–Livine four-simplex amplitude. *Journal of Mathematical Physics*, 50(11):112504, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112504_s1.

Park:2009:GES

- [2110] Jong Yeoul Park and Jum Ran Kang. Global existence and stability for a von Karman equations with memory in noncylindrical domains. *Journal of Mathematical Physics*, 50(11):112701, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112701_s1.

Zhao:2009:NSH

- [2111] Fukun Zhao, Leiga Zhao, and Yanheng Ding. A note on superlinear Hamiltonian elliptic systems. *Journal of Mathematical Physics*, 50(11):112702, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112702_s1.

Gurses:2009:DSP

- [2112] Metin Gürses, Gusein Sh. Guseinov, and Kostyantyn Zheltukhin. Dynamical systems and Poisson structures. *Journal of Mathematical Physics*, 50(11):112703, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112703_s1. See comment [2209].

Castilho:2009:PUM

- [2113] César Castilho and Marcelo Marchesin. A practical use of the Melnikov homoclinic method. *Journal of Mathematical Physics*, 50(11):112704, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112704_s1.

Cuevas:2009:LUE

- [2114] J. Cuevas, N. I. Karachalios, and F. Palmero. Lower and upper estimates on the excitation threshold for breathers in discrete nonlinear Schrödinger lattices. *Journal of Mathematical Physics*, 50(11):112705, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112705_s1.

Yaremko:2009:IRT

- [2115] Yuriy Yaremko. Interference in the radiation of two pointlike charges. *Journal of Mathematical Physics*, 50(11):112901, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112901_s1.

Lupinski:2009:ANM

- [2116] L. W. Lupinski and M. J. Madsen. Angular normal modes of a circular Coulomb cluster. *Journal of Mathematical Physics*, 50(11):112902, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112902_s1.

Laugesen:2009:MNF

- [2117] R. S. Laugesen and B. A. Siudeja. Maximizing Neumann fundamental tones of triangles. *Journal of Mathematical Physics*, 50(11):112903, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p112903_s1.

Yoshida:2009:CPB

- [2118] Z. Yoshida. Clebsch parameterization: Basic properties and remarks on its applications. *Journal of Mathematical Physics*, 50(11):113101, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113101_s1.

Wada:2009:GLL

- [2119] Tatsuaki Wada. Generalized log-likelihood functions and Bregman divergences. *Journal of Mathematical Physics*, 50(11):113301, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113301_s1. See erratum [2199].

Jun:2009:SRI

- [2120] Shen Jun and Wu Junde. Spectral representation of infimum of bounded quantum observables. *Journal of Mathematical Physics*, 50(11):113501, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113501_s1.

Guo:2009:IHO

- [2121] Jia-Feng Guo, Shi-Kun Wang, Ke Wu, Zhao-Wen Yan, and Wei-Zhong Zhao. Integrable higher order deformations of Heisenberg supermagnetic model. *Journal of Mathematical Physics*, 50(11):113502, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113502_s1.

Jorgensen:2009:AUO

- [2122] Palle E. T. Jorgensen. Analysis of unbounded operators and random motion. *Journal of Mathematical Physics*, 50(11):113503, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113503_s1.

Garcia-Compean:2009:MDN

- [2123] Hugo García-Compeán and Aldo A. Martínez-Merino. On the Moyal deformation of Nahm equations in seven dimensions. *Journal of Mathematical Physics*, 50(11):113504, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113504_s1.

Bilson-Thompson:2009:PTB

- [2124] Sundance Bilson-Thompson, Jonathan Hackett, and Louis H. Kauffman. Particle topology, braids, and braided belts. *Journal of Mathematical Physics*, 50(11):113505, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113505_s1.

Liu:2009:GDR

- [2125] Wenjun Liu. General decay rate estimate for a viscoelastic equation with weakly nonlinear time-dependent dissipation and source terms. *Journal of Mathematical Physics*, 50(11):113506, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113506_s1.

Su:2009:AGD

- [2126] Ting Su, Hui-Hui Dai, and Xianguo Geng. On the application of a generalized dressing method to the integration of variable-coefficient coupled Hirota equations. *Journal of Mathematical Physics*, 50(11):113507, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113507_s1.

Nucci:2009:MOQ

- [2127] M. C. Nucci and P. G. L. Leach. The method of Ostrogradsky, quantization, and a move toward a ghost-free future. *Journal of Mathematical Physics*, 50(11):113508, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113508_s1.

Majewski:2009:CPP

- [2128] Wladyslaw A. Majewski, Takashi Matsuoka, and Masanori Ohya. Characterization of partial positive transposition states and measures of entanglement. *Journal of Mathematical Physics*, 50(11):113509, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113509_s1.

Ji:2009:PSS

- [2129] Shuguan Ji. Periodic solutions on the Sturm–Liouville boundary value problem for two-dimensional wave equation. *Journal of Mathematical Physics*, 50(11):113510, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113510_s1.

Ohkubo:2009:GSM

- [2130] Atsushi Ohkubo. Ground states of the massless Dereziński–Gérard model. *Journal of Mathematical Physics*, 50(11):113511, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113511_s1.

Avan:2009:BLP

- [2131] Jean Avan and Anastasia Doikou. Boundary Lax pairs from non-ultralocal Poisson algebras. *Journal of Mathematical Physics*, 50(11):113512, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113512_s1.

Laskin:2009:SAF

- [2132] Nick Laskin. Some applications of the fractional Poisson probability distribution. *Journal of Mathematical Physics*, 50(11):113513, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113513_s1.

Figuroa-O'Farrill:2009:DA

- [2133] José Miguel Figuroa-O'Farrill. Deformations of 3-algebras. *Journal of Mathematical Physics*, 50(11):113514, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113514_s1.

Winfield:2009:WPE

- [2134] Christopher J. Winfield. Well-posedness of Einstein's equation with redshift data. *Journal of Mathematical Physics*, 50(11):113515, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113515_s1.

Collins:2009:SPO

- [2135] Benoît Collins and Sho Matsumoto. On some properties of orthogonal Weingarten functions. *Journal of Mathematical Physics*, 50(11):113516, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113516_s1.

Petz:2009:MPG

- [2136] Dénes Petz and József Pitrik. Markov property of Gaussian states of canonical commutation relation algebras. *Journal of Mathematical Physics*, 50(11):113517, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113517_s1.

Salvarani:2009:ABL

- [2137] F. Salvarani. Asymptotic behavior for logarithmic diffusion. *Journal of Mathematical Physics*, 50(11):113518, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113518_s1.

Chung:2009:HUS

- [2138] Jae-Young Chung, Dohan Kim, and John Michael Rassias. Hyers–Ulam stability on a generalized quadratic functional equation in distributions and hyperfunctions. *Journal of Mathematical Physics*, 50(11):113519, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113519_s1.

Kanna:2009:PSS

- [2139] T. Kanna, K. Sakkaravarthi, C. Senthil Kumar, M. Lakshmanan, and M. Wadati. Painlevé singularity structure analysis of three component Gross–Pitaevskii type equations. *Journal of Mathematical Physics*, 50(11):113520, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113520_s1.

Bakke:2009:GPS

- [2140] Knut Bakke, I. A. Pedrosa, and Claudio Furtado. Geometric phases and squeezed quantum states of relic gravitons. *Journal of Mathematical Physics*, 50(11):113521, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p113521_s1.

Dey:2009:EGP

- [2141] Rukmini Dey. Erratum: “Geometric prequantization of the moduli space of the vortex equations on a Riemann surface”, [J. Math. Phys. **47**, 103501 (2006)]. *Journal of Mathematical Physics*, 50(11):119901, November 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i11/p119901_s1. See [784].

Nachtergaele:2009:AJM

- [2142] Bruno L. Z. Nachtergaele. Announcement: Journal of Mathematical Physics introduces a new section — Quantum Information and Computation. *Journal of Mathematical Physics*, 50(12):120201, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p120201_s1.

Pellegrini:2009:DAS

- [2143] C. Pellegrini and F. Petruccione. Diffusion approximation of stochastic master equations with jumps. *Journal of Mathematical Physics*, 50(12):122101, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122101_s1.

Marquette:2009:SMO

- [2144] Ian Marquette. Supersymmetry as a method of obtaining new super-integrable systems with higher order integrals of motion. *Journal of*

Mathematical Physics, 50(12):122102, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122102_s1.

Accardi:2009:QEV

- [2145] Luigi Accardi and Ameer Dhahri. Quadratic exponential vectors. *Journal of Mathematical Physics*, 50(12):122103, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122103_s1.

Hayashi:2009:GME

- [2146] Masahito Hayashi, Damian Markham, Mio Muraio, Masaki Owari, and Shashank Virmani. The geometric measure of entanglement for a symmetric pure state with non-negative amplitudes. *Journal of Mathematical Physics*, 50(12):122104, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122104_s1.

Znojil:2009:CSI

- [2147] Miloslav Znojil. Complete set of inner products for a discrete PT -symmetric square-well Hamiltonian. *Journal of Mathematical Physics*, 50(12):122105, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122105_s1.

Albertini:2009:AQW

- [2148] Francesca Albertini and Domenico D'Alessandro. Analysis of quantum walks with time-varying coin on d -dimensional lattices. *Journal of Mathematical Physics*, 50(12):122106, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122106_s1.

Li:2009:NLB

- [2149] Yuan Li and Xiu-Hong Sun. A note on the logic of bounded quantum observables. *Journal of Mathematical Physics*, 50(12):122107, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122107_s1.

Ballesteros:2009:ABE

- [2150] Miguel Ballesteros and Ricardo Weder. The Aharonov–Bohm effect and Tonomura et al. experiments: Rigorous results. *Journal of Mathematical*

Physics, 50(12):122108, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122108_s1.

Thuillier:2009:DBC

- [2151] F. Thuillier. Deligne–Beilinson cohomology and Abelian link invariants: Torsion case. *Journal of Mathematical Physics*, 50(12):122301, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122301_s1.

Neznamov:2009:FWW

- [2152] V. P. Neznamov and A. J. Silenko. Foldy–Wouthuysen wave functions and conditions of transformation between Dirac and Foldy–Wouthuysen representations. *Journal of Mathematical Physics*, 50(12):122302, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122302_s1.

Petters:2009:MTSb

- [2153] A. O. Petters, B. Rider, and A. M. Tegui. A mathematical theory of stochastic microlensing. II. Random images, shear, and the Kac–Rice formula. *Journal of Mathematical Physics*, 50(12):122501, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122501_s1.

Miao:2009:TLG

- [2154] S. P. Miao, N. C. Tsamis, and R. P. Woodard. Transforming to Lorentz gauge on de Sitter. *Journal of Mathematical Physics*, 50(12):122502, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122502_s1.

Agnew:2009:MPS

- [2155] Alfonso F. Agnew and Scot P. Childress. Matrix projective spaces and twistorlike incidence structures. *Journal of Mathematical Physics*, 50(12):122503, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122503_s1.

Gomez-Lobo:2009:SCF

- [2156] Alfonso García-Parrado Gómez-Lobo and José M. Martín-García. Spinor calculus on five-dimensional spacetimes. *Journal of Mathematical Physics*, 50(12):122504, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122504_s1.

Gravanis:2009:SSG

- [2157] E. Gravanis and S. Willison. Singular sources in gravity and homotopy in the space of connections. *Journal of Mathematical Physics*, 50(12):122505, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122505_s1.

Cook:2009:TGA

- [2158] Samuel A. Cook and Tevian Dray. Tensor generalizations of affine symmetry vectors. *Journal of Mathematical Physics*, 50(12):122506, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122506_s1.

Bruschi:2009:IAI

- [2159] M. Bruschi, F. Calogero, and R. Droghei. Integrability, analyticity, isochrony, equilibria, small oscillations, and Diophantine relations: Results from the stationary Korteweg–de Vries hierarchy. *Journal of Mathematical Physics*, 50(12):122701, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122701_s1.

Lee:2009:ASS

- [2160] M. Howard Lee. Analytical study of the superstable 3-cycle in the logistic map. *Journal of Mathematical Physics*, 50(12):122702, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122702_s1.

Tarasov:2009:DMM

- [2161] Vasily E. Tarasov. Discrete map with memory from fractional differential equation of arbitrary positive order. *Journal of Mathematical Physics*, 50(12):122703, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122703_s1.

Ngome:2009:CMC

- [2162] J.-P. Ngome. Curved manifolds with conserved Runge–Lenz vectors. *Journal of Mathematical Physics*, 50(12):122901, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122901_s1.

Harland:2009:KCL

- [2163] Derek Harland. Kinks, chains, and loop groups in the \mathbf{CP}^n sigma models. *Journal of Mathematical Physics*, 50(12):122902, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p122902_s1.

Celerier:2009:CMC

- [2164] Marie-Noëlle Célérier. Chaotic motion in classical fluids with scale relativistic methods. *Journal of Mathematical Physics*, 50(12):123101, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123101_s1.

Bihlo:2009:LSE

- [2165] Alexander Bihlo and Roman O. Popovych. Lie symmetries and exact solutions of the barotropic vorticity equation. *Journal of Mathematical Physics*, 50(12):123102, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123102_s1.

Ghaffari:2009:SGC

- [2166] A. Ghaffari, A. Alinejad, and M. Eshaghi Gordji. On the stability of general cubic-quartic functional equations in Menger probabilistic normed spaces. *Journal of Mathematical Physics*, 50(12):123301, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123301_s1.

Muslih:2009:SMA

- [2167] Sami I. Muslih and Om P. Agrawal. A scaling method and its applications to problems in fractional dimensional space. *Journal of Mathematical Physics*, 50(12):123501, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123501_s1.

Zhou:2009:MHS

- [2168] Ruguang Zhou. Mixed hierarchy of soliton equations. *Journal of Mathematical Physics*, 50(12):123502, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123502_s1.

Kytola:2009:SIV

- [2169] Kalle Kytölä and David Ridout. On staggered indecomposable Virasoro modules. *Journal of Mathematical Physics*, 50(12):123503, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123503_s1.

Chen:2009:NTI

- [2170] Jinbing Chen. Neumann type integrable reduction for nonlinear evolution equations in 1+1 and 2+1 dimensions. *Journal of Mathematical Physics*, 50(12):123504, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123504_s1.

Ren:2009:SGE

- [2171] Bo Ren, Xue jun Xu, and Ji Lin. Symmetry group and exact solutions for the 2 + 1 dimensional Ablowitz–Kaup–Newell–Segur equation. *Journal of Mathematical Physics*, 50(12):123505, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123505_s1.

Liu:2009:RPS

- [2172] Hongyu Liu, Hai Zhang, and Jun Zou. Recovery of polyhedral scatterers by a single electromagnetic far-field measurement. *Journal of Mathematical Physics*, 50(12):123506, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123506_s1.

Hovhannisyan:2009:NDE

- [2173] Gro Hovhannisyan and Wen Liu. On nonautonomous Dirac equation. *Journal of Mathematical Physics*, 50(12):123507, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123507_s1.

Yang:2009:CNE

- [2174] Jianwei Yang and Shu Wang. Convergence of the nonisentropic Euler–Maxwell equations to compressible Euler–Poisson equations. *Journal of Mathematical Physics*, 50(12):123508, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123508_s1.

Gudder:2009:QMI

- [2175] Stan Gudder. Quantum measure and integration theory. *Journal of Mathematical Physics*, 50(12):123509, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123509_s1.

Conrady:2009:QGP

- [2176] Florian Conrady and Laurent Freidel. Quantum geometry from phase space reduction. *Journal of Mathematical Physics*, 50(12):123510, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123510_s1.

El-Jaick:2009:LCH

- [2177] Léa Jaccoud El-Jaick and Bartolomeu D. B. Figueiredo. A limit of the confluent Heun equation and the Schrödinger equation for an inverted potential and for an electric dipole. *Journal of Mathematical Physics*, 50(12):123511, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123511_s1. See erratum [2207].

Yokomizo:2009:MCL

- [2178] N. Yokomizo and J. C. A. Barata. Multiple classical limits in relativistic and nonrelativistic quantum mechanics. *Journal of Mathematical Physics*, 50(12):123512, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123512_s1.

Wang:2009:PSE

- [2179] Deng-Shan Wang and S. Y. Lou. Prolongation structures and exact solutions of $K(m, n)$ equations. *Journal of Mathematical Physics*, 50(12):123513, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123513_s1.

Zhou:2009:RCN

- [2180] Yong Zhou and Milan Pokorný. On a regularity criterion for the Navier–Stokes equations involving gradient of one velocity component. *Journal of Mathematical Physics*, 50(12):123514, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123514_s1.

Becker:2009:IIW

- [2181] Peter A. Becker. Infinite integrals of Whittaker and Bessel functions with respect to their indices. *Journal of Mathematical Physics*, 50(12):123515, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123515_s1.

Demskoi:2009:NAT

- [2182] Dmitry K. Demskoi and Jyh-Hao Lee. On non-Abelian Toda $A_2^{(1)}$ model and related hierarchies. *Journal of Mathematical Physics*, 50(12):123516, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123516_s1.

Ehrlich:2009:NSF

- [2183] Paul E. Ehrlich, Jong Ryul Kim, and Seon-Bu Kim. Nonisolated space-like focal and conjugate points in Lorentzian geometry. *Journal of Mathematical Physics*, 50(12):123517, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123517_s1.

Camargo:2009:ADF

- [2184] R. Figueiredo Camargo, E. Capelas de Oliveira, and J. Vaz, Jr. On anomalous diffusion and the fractional generalized Langevin equation for a harmonic oscillator. *Journal of Mathematical Physics*, 50(12):123518, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123518_s1.

Soloviev:2009:QFT

- [2185] M. A. Soloviev. Quantum field theory with a fundamental length: A general mathematical framework. *Journal of Mathematical Physics*, 50(12):123519, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123519_s1.

Baleanu:2009:AIC

- [2186] Dumitru Baleanu and Octavian G. Mustafa. On the asymptotic integration of a class of sublinear fractional differential equations. *Journal of Mathematical Physics*, 50(12):123520, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123520_s1.

Dunkl:2009:VSU

- [2187] Charles Dunkl and Karol Zyczkowski. Volume of the set of unistochastic matrices of order 3 and the mean Jarlskog invariant. *Journal of Mathematical Physics*, 50(12):123521, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123521_s1.

Lewandowski:2009:QGC

- [2188] Jerzy Lewandowski and Andrzej Okolów. Quantum group connections. *Journal of Mathematical Physics*, 50(12):123522, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123522_s1.

Toppan:2009:APC

- [2189] Francesco Toppan and Piet W. Verbeek. On alphabetic presentations of Clifford algebras and their possible applications. *Journal of Mathematical Physics*, 50(12):123523, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123523_s1.

Li:2009:FOD

- [2190] Junjie Li. On a fourth order degenerate parabolic equation in higher space dimensions. *Journal of Mathematical Physics*, 50(12):123524, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123524_s1. See erratum [2211].

Ramm:2009:CDP

- [2191] A. G. Ramm. Creating desired potentials by embedding small inhomogeneities. *Journal of Mathematical Physics*, 50(12):123525, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123525_s1.

Suzuki:2009:SFI

- [2192] Tatsuo Suzuki. Some formulas for invariant phases of unitary matrices by Jarlskog. *Journal of Mathematical Physics*, 50(12):123526, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123526_s1.

Caroca:2009:GHO

- [2193] R. Caroca, N. Merino, A. Perez, and P. Salgado. Generating higher-order Lie algebras by expanding Maurer–Cartan forms. *Journal of Mathematical Physics*, 50(12):123527, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123527_s1.

Lopez-Ruiz:2009:GSC

- [2194] R. López-Ruiz, Á. Nagy, E. Romera, and J. Sañudo. A generalized statistical complexity measure: Applications to quantum systems. *Journal of Mathematical Physics*, 50(12):123528, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p123528_s1.

Angelescu:2009:ELS

- [2195] N. Angelescu, R. A. Minlos, J. Ruiz, and V. A. Zagrebnov. Erratum: “Lower spectral branches of a spin-boson model”, [*J. Math. Phys.* **49**, 102105 (2008)]. *Journal of Mathematical Physics*, 50(12):129901, December 2009. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v50/i12/p129901_s1. See [1615].

Castro:2010:CWF

- [2196] L. B. Castro and A. S. de Castro. Comment on “Wave functions for a Duffin–Kemmer–Petiau particle in a time-dependent potential”, [*J. Math. Phys.* **48**, 073515 (2007)]. *Journal of Mathematical Physics*, 51(3):034101, March 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i3/p034101_s1. See [1108].

Chen:2010:CIR

- [2197] Yong Chen. Comment on “On the imaginary-real ratio rule of power spectra”, [*J. Math. Phys.* **50**, 063301 (2009)]. *Journal of Mathematical Physics*, 51(4):044101, April 2010. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i4/p044101_s1. See [1921].

Park:2010:CAT

- [2198] Choonkil Park and M. Eshaghi Gordji. Comment on “Approximate ternary Jordan derivations on Banach ternary algebras”, [Bavand Savadkouhi et al. *J. Math. Phys.* **50**, 042303 (2009)]. *Journal of Mathematical Physics*, 51(4):044102, April 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i4/p044102_s1. See [1830].

Wada:2010:EGL

- [2199] Tatsuaki Wada. Erratum: “Generalized log-likelihood functions and Bregman divergences”, [*J. Math. Phys.* **80**, 113301 (2009)]. *Journal of Mathematical Physics*, 51(4):049901, April 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i4/p049901_s1. See [2119].

Yang:2010:ESS

- [2200] Yisong Yang and Ruifeng Zhang. Erratum: “Steady state solutions for nonlinear Schrödinger equation arising in optics”, [*J. Math. Phys.* **50**, 053501 (2009)]. *Journal of Mathematical Physics*, 51(4):049902, April 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i4/p049902_s1. See [1882].

Andrzejewski:2010:CFD

- [2201] Krzysztof Andrzejewski, Joanna Gonera, and Paweł Maślanka. Comment on “Functional determinants in higher derivative Lagrangian theories”, [*J. Math. Phys.* **50**, 103517 (2009)]. *Journal of Mathematical Physics*, 51(5):054101, May 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i5/p054101_s1. See [2080].

Wang:2010:CGN

- [2202] Hai-Jun Wang. Comment on “General nonlocality in quantum fields”, [*J. Math. Phys.* **49**, 033513 (2008)]. *Journal of Mathematical Physics*, 51(5):054102, May 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i5/p054102_s1. See [1407].

DiCriscienzo:2010:efd

- [2203] Roberto Di Criscienzo and Sergio Zerbini. Erratum: “Functional determinants in higher derivative Lagrangian theories”, [J. Math. Phys. **50**, 103517 (2009)]. *Journal of Mathematical Physics*, 51(5):059901, May 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i5/p059901_s1. See [2080].

lv:2010:EEP

- [2204] Cui hong Lv and Hong yi Fan. Erratum: “Explicit pure-state density operator structure for quantum tomography”, [J. Math. Phys. **50**, 102108 (2009)]. *Journal of Mathematical Physics*, 51(8):089901, August 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i8/p089901_s1. See [2037].

Kundu:2010:PNN

- [2205] Anjan Kundu. Publisher’s note: “Nonlinearizing linear equations to integrable systems including new hierarchies with nonholonomic deformations”, [J. Math. Phys. **50**, 102702 (2009)]. *Journal of Mathematical Physics*, 51(10):109903, October 2010. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v51/i10/p109903_s1. See [2045].

Bisi:2011:efd

- [2206] M. Bisi and G. Spiga. Erratum: “Fluid-dynamic equations for granular particles in a host medium”, [J. Math. Phys. **46**, 113301 (2005)]. *Journal of Mathematical Physics*, 52(3):039901, March 2011. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v52/i3/p039901_s1. See [424].

El-Jaick:2011:ELC

- [2207] Léa Jaccoud El-Jaick and Bartolomeu D. B. Figueiredo. Erratum: “A limit of the confluent Heun equation and the Schrödinger equation for an inverted potential and for an electric dipole”, [J. Math. Phys. **50**, 123511 (2009)]. *Journal of Mathematical Physics*, 52(4):049901, April 2011. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v52/i4/p049901_s1. See [2177].

Rabeie:2011:CCS

- [2208] A. Rabeie and Z. Jalilian. Comment on “Coherent states on spheres”, [J. Math. Phys. **43**, 1211 (2002)]. *Journal of Mathematical Physics*, 52(8):084101, August 2011. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v52/i8/p084101_s1. See [1, 211].

Haas:2011:CDS

- [2209] F. Haas. Comment on “Dynamical systems and Poisson structures” [J. Math. Phys. **50**, 112703 (2009)]. *Journal of Mathematical Physics*, 52(12):124101, December 2011. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v52/i12/p124101_s1. See [2112].

Dokovic:2012:EPI

- [2210] Dragomir Ž. Đoković and Andreas Osterloh. Erratum: “On polynomial invariants of several qubits” [J. Math. Phys. **50**, 033509 (2009)]. *Journal of Mathematical Physics*, 53(4):049902, April 2012. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v53/i4/p049902_s1. See [1813].

Li:2012:EFO

- [2211] Junjie Li. Erratum: “On a fourth order degenerate parabolic equation in higher space dimension” [J. Math. Phys. **50**, 123524 (2009)]. *Journal of Mathematical Physics*, 53(7):079901, July 2012. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v53/i7/p079901_s1.

Garat:2014:ETG

- [2212] Alcides Garat. Erratum: “Tetrads in geometrodynamics” [J. Math. Phys. **46**, 102502 (2005)]. *Journal of Mathematical Physics*, 55(1):019902, January 2014. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [377].

Schwartz:2014:ERQ

- [2213] Charles Schwartz. Erratum: “Relativistic quaternionic wave equation” [J. Math. Phys. **47**, 122301 (2006)]. *Journal of Mathematical Physics*, 55(5):059902, May 2014. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [833].

Han:2015:EGN

- [2214] Lei Han and Hai-Jun Wang. Erratum: “General nonlocality in quantum fields” [*J. Math. Phys.* **49**, 033513 (2008)]. *Journal of Mathematical Physics*, 56(2):029901, February 2015. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1407].

Fioresi:2015:EMC

- [2215] R. Fioresi, M. A. Lledó, and V. S. Varadarajan. Erratum: “The Minkowski and conformal superspaces” [*j. math. phys.* **48**, 113505 (2007)]. *Journal of Mathematical Physics*, 56(10):109902, October 2015. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1251].

Bender:2016:CLH

- [2216] Carl M. Bender, Mariagiovanna Gianfreda, Nima Hassanpour, and Hugh F. Jones. Comment on “On the Lagrangian and Hamiltonian description of the damped linear harmonic oscillator” [*j. math. phys.* **48**, 032701 (2007)]. *Journal of Mathematical Physics*, 57(8):084101, August 2016. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [946].

Kundu:2017:CCL

- [2217] Prasun K. Kundu. Comment on “Comments on ‘The Euclidean gravitational action as black hole entropy, singularities and space-time voids’” [*J. Math. Phys.* **50**, 042502 (2009)] — Schwarzschild black hole lives to fight another day. *Journal of Mathematical Physics*, 58(11):114101, November 2017. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1834].