

# A Complete Bibliography of Publications in the *Journal of Mathematical Physics: 1965–1969*

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](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

23 April 2019  
Version 2.12

## Title word cross-reference

$(0p, 0d, 1s)$  [1221].  $(d + s)^n p$  [1264].  $(l, s)$  [31].  $(\lambda, \mu) \oplus (3, 0)$  [200].  
 $(\lambda, \mu) \otimes (1, 1)$  [90].  $(N, p, T)$  [543].  $(N, V, T)$  [543].  
 $(\partial^2/(\partial x \partial y) + ax\partial/\partial x + by\partial/\partial y + cxy + \partial/\partial t)P = 0$  [819, 1167]. 12 [823].  $2 \times 2$   
[1297].  $2V$  [891]. 3 [344, 823, 1139, 1013, 1014, 1051, 816].  $3 + 2$  [569].  $35 \otimes 70$   
[1286]. 4 [481, 362]. 6 [823]. 9 [908, 823].  $^{-4}$  [264].  $^4$  [881].  $^3$  [634, 600, 257].  $^5$   
[1422].  $^n$  [636].  $A_2(\text{SU}(3))$  [489].  $\alpha$  [749].  $B^*$  [730].  $B_2(\text{SO}(5))$  [489].  $D$   
[1212, 1285].  $d^{n-1}sp$  [945].  $\mathcal{D}$  [817].  $\delta$  [788].  $E(2)$  [1148].  $E(3, 1)$  [1370].  
 $\ell^{n-1}\ell'\ell''$  [1095].  $F$  [1287, 455].  $f(n+1) + f(n-1) = [E - \phi(n)]f(n)$  [1182].  
 $F_2$  [1198].  $\gamma$  [1085].  $\Gamma_{[jk]}^i$  [1123].  $\text{IO}(n)$  [1129].  $\text{IU}(n)$  [1129].  $j$  [344, 908, 823].  
 $K_n = A_n: S_n$  [938].  $L$  [320].  $l < N$  [31].  $\lambda$  [277].  $\Lambda = 0$  [399].  $M$  [1319, 254].  $N$   
[470, 1415, 1282, 1376, 202, 537, 617, 658, 1263, 1223, 804, 231, 143, 254, 870].  
 $N/D$  [468, 835, 758, 834, 1061, 422].  $N \times N$  [1319].  $O(1, 1)$  [1130, 825].  $O(2, 1)$   
[633, 1241, 1130, 825, 869, 1399, 1400].  $O(3, 1)$  [923].  $O(5)$  [941].  
 $O(n) \supset O(n-1) \supset$  [710].  $O(n, 1)$  [1129].  $P$  [1061, 1223].  
 $P(x, y, t = 0) = \Phi(x, y)$  [1167].  $q$  [391].  $r$  [469].  $S$

[1193, 1202, 1203, 990, 874, 320, 643, 1242, 1018, 101, 102, 103, 395, 628, 227, 204, 1291, 467, 1144, 1139, 538, 92, 313, 289, 925, 410, 817].  $SL(2, C)$  [1148].  $SL(2, C)/SU(2)$  [1197].  $SL(2C)$  [711].  $SL(3, C)$  [1246].  $SL(3, R)$  [427].  $SL(n, C)$  [981].  $SO(4, 1)$  [1392, 1370].  $SO(5)$  [1345].  $SO(\nu)$  [1254].  $SO_0(p, q)$  [789].  $SO_0(p, q - 1)$  [789].  $SO_0(p - 1, q)$  [789].  $SP(4)$  [1345].  $Sp(n)$  [1015].  $Sp(p, q)$  [1354].  $SU(1, 1)$  [711].  $SU(2)$  [726, 1044].  $SU(2, 2)$  [790, 1070].  $SU(3)$  [86, 4, 262, 639, 726, 98, 703, 1385, 659, 200, 557, 558, 408].  $SU(6)$  [1286].  $SU(N)$  [1410, 570, 301, 1373, 823, 556, 403].  $SU(n) \supset SU(n - 1) \supset \supset SU(2)$  [1406].  $SU(\nu)$  [1254].  $SU(\nu) \otimes SU(\nu)$  [1254].  $SU_3$  [239, 67, 210, 1199, 1221, 90, 93].  $SU_4$  [666].  $SU_{m+n}$  [177].  $SU_{mn}$  [176].  $SU_m \otimes SU_n$  [176, 177].  $SU_n$  [906, 564].  $T$  [346, 765, 658].  $\theta$  [229].  $U(2, 2)$  [761, 1398].  $U(6) \otimes U(6)$  [1108].  $U(6, 6)$  [746].  $U(N)$  [1410, 1338].  $U(n, 1)$  [1129].  $U_4$  [998].  $U_4 \supset U_2 + U_2$  [998].  $U_n$  [1163, 87].  $U_{n-1}$  [87].  $V$  [1397, 229].  $V\Theta$  [311, 147].  $X$  [974].  $x = 1$  [1198].  $Y$  [974].  $y = 1$  [1198].

**-Body** [1415, 1282]. **-Bound** [311]. **-density** [1223]. **-Dimensional** [231, 254]. **-Equivalent** [391]. **-Fermion** [1263]. **-Function** [788]. **-Matrices** [628]. **-Matrix** [643, 1242, 101, 102, 103, 395, 227, 204, 1291, 467, 1139, 538, 289, 410, 1193, 1202, 1203]. **-Model** [455]. **-Operator** [92, 313]. **-Particle** [469, 1139, 870, 1397, 202, 537, 617, 658]. **-Representability** [804, 1376, 1223]. **-Space** [1013, 1014, 1051]. **-Spin-Wave** [143]. **-Spinors** [481]. **-Symbols** [344]. **-Vector** [362]. **-Wave** [990, 874, 1061].

**10** [1431, 1432].

**2V** [985].

**3-Sphere** [1000].

**9** [1437].

= [587].

**Abnormal** [1180]. **Absence** [689]. **Absorptive** [583, 476]. **Accidental** [1403]. **Accommodating** [969]. **According** [67]. **Acoustic** [1356, 709, 517, 1186]. **Action** [578, 1265, 573, 1300, 1266, 165]. **Action-at-a-Distance** [573, 1300]. **Addendum** [1437]. **Addition** [496]. **Adiabatic** [365, 367, 43]. **Adiabatically** [972]. **Adjacent** [684]. **Adjoint** [868]. **Admittance** [1081]. **Admitting** [864]. **Advanced** [1079]. **Affine** [886, 1427]. **Albedo** [140]. **Algebra** [964, 743, 802, 1256, 205, 644, 718, 1371, 1372, 1221, 324, 746, 22, 172, 586, 1124, 882, 624, 328]. **Algebraic** [70, 131, 149, 1256, 532, 489, 1228, 90, 200, 357, 1264, 479, 181, 1230, 780]. **Algebraically** [742]. **Algebras** [504, 1129, 802, 1083, 394, 730, 708, 867, 868, 1174, 691, 791, 521, 1030].

**Algorithm** [1282, 1085]. **Almost** [1074]. **Alpha** [919]. **Alpha-Function** [919]. **Alternate** [853, 404, 1154]. **Alternative** [214, 1378]. **among** [908, 1164]. **Amplitude** [1381, 1361, 273, 583, 987, 447, 352, 1122, 662, 1309, 212, 135, 695, 1437]. **Amplitudes** [1240, 1296, 1179, 50, 855, 275, 1292, 1094, 1249, 1218]. **Analysis** [1279, 1410, 1343, 918, 599, 553, 1197, 1423, 2, 175, 836]. **Analytic** [211, 796, 1432, 39, 680, 579, 802, 473, 145, 769, 929, 1430, 1198, 1130, 1248, 662, 356, 1218, 522, 1045, 480, 897, 31]. **Analytical** [1244, 1254]. **Analyticity** [987, 855, 1395, 101, 102, 103, 244, 838, 352, 538, 1136, 1065]. **Angle** [1112, 82, 1072, 1299, 51, 428, 604, 1141]. **Angles** [1194]. **Angular** [973, 1001, 273, 776, 105, 178, 1, 5, 83, 84, 263, 112, 158, 745, 792, 217, 1189]. **Angular-Momentum** [1001, 1189]. **Anharmonic** [922, 621]. **Anisotropic** [813, 1279, 954, 881, 444, 323, 830, 251, 1113, 372]. **Annihilation** [1417]. **Antenna** [1192]. **Antiferromagnet** [1425, 40]. **Antilinear** [718]. **Antisymmetric** [1040]. **Antisymmetrized** [186]. **Antiunitary** [503]. **Any** [158, 1078]. **Appell** [1361, 1198]. **Applicability** [1177]. **Application** [1361, 758, 506, 1241, 788, 555, 544, 59, 282, 655, 808, 1309, 1412, 1021, 2, 175, 459, 1229]. **Applications** [292, 546, 767, 55, 242, 58, 718, 164, 1140, 895, 1071, 234]. **Approach** [75, 957, 677, 19, 1205, 581, 637, 419, 1243, 725, 970, 422, 574, 304, 1107, 119, 1097, 1188, 405, 406, 1021, 480, 719, 1186, 1149, 1105, 1223]. **Approaches** [173]. **Approximant** [610]. **Approximants** [269, 758, 866, 1238, 1367]. **Approximate** [1321, 327]. **Approximation** [265, 593, 269, 345, 927, 1260, 794, 1259, 875, 148, 1225, 764, 827, 1227, 1040]. **Approximations** [266, 318, 54, 1357, 314, 1416]. **Arbitrarily** [456, 763, 261]. **Arbitrary** [1297, 205, 344, 368, 570, 509, 1332, 51, 1390, 623, 1033, 258, 1366, 1096, 1244]. **Area** [591]. **Arising** [816, 1426]. **Array** [688]. **Arrays** [858, 1076]. **Aspects** [532, 274, 479]. **Assemblies** [65]. **Associated** [1323, 106, 693, 42]. **Associative** [743]. **assumption** [1118]. **Asymmetrical** [575]. **Asymptotic** [680, 342, 1104, 273, 141, 1043, 533, 510, 893, 1127, 1216, 709, 543, 277, 1298, 653, 912, 1429, 930, 1094, 63, 458, 51, 135, 361, 539, 73, 713, 1037, 1160]. **Asymptotically** [968]. **Atmosphere** [862, 1088]. **Atom** [828, 240, 1170, 597, 794, 1259]. **Atomic** [501, 1003, 218, 1409, 776, 153, 1313, 336, 335, 694, 38]. **Atoms** [46, 712]. **Attenuation** [350, 781]. **Attractive** [28, 136, 169, 1316, 982, 280]. **Author** [1431]. **Autocorrelation** [1191, 1255, 498]. **Auxiliary** [1131]. **Average** [1426]. **Averages** [393, 603, 685, 1210]. **Axes** [250]. **Axially** [1201]. **Axiomatic** [779, 809, 300, 405, 406]. **Axisymmetric** [561].

**B** [460]. **Background** [1056]. **Backgrounds** [1000]. **Backward** [185]. **Baker** [959, 1009]. **Banach** [437, 142]. **Bands** [972]. **Bare** [156]. **Bargmann** [683]. **Baryon** [1108, 97]. **Based** [1289]. **Bases** [292, 546, 998, 408, 941, 1267]. **basi** [1025]. **Basic** [718]. **Basis**

[70, 320, 101, 102, 103, 1373, 1273, 1130, 1, 5, 83, 84, 263, 112, 158, 825, 869, 134, 1353, 1433, 539, 1148, 923, 1399, 1400]. **BBGKY** [193, 795]. **BCS** [384]. **be** [155]. **Beam** [490, 625]. **Bég** [119]. **Behavior** [1104, 1061, 1293, 273, 724, 82, 488, 552, 722, 303, 277, 948, 1252, 1303, 24, 104, 539, 728, 713, 1037, 1160]. **Bergman** [244]. **Bernoulli** [498]. **Bessel** [1348, 1071, 1312]. **Best** [1238]. **Bethe** [1403, 697, 1161, 535, 1055, 1209, 355, 476, 380, 805, 849]. **Between** [726, 173, 46, 1380, 578, 62, 921, 240, 542, 834, 1089, 508, 628, 9, 276, 517, 745, 336, 335, 772, 1065, 235, 712]. **Beyond** [345]. **Bi** [515]. **Bi-Orthogonality** [515]. **Bianchi** [1347]. **Bias** [1050, 1007]. **Bifurcation** [847]. **Binding** [1420, 1310]. **Binomial** [1401, 1153]. **Bipolar** [496]. **Bloch** [337, 972]. **Bodies** [748]. **Body** [293, 1415, 1414, 107, 169, 387, 855, 608, 1282, 651, 1107, 49, 788, 1382, 822, 164, 61, 54, 1357, 1412, 976, 1416, 669, 1006, 1337, 46, 712, 962, 655]. **Body-Centered** [655]. **Bogoliubov** [698, 528, 899]. **Boltzmann** [1120, 542, 530, 121, 724, 853, 450, 402, 785]. **Bonded** [1350, 454, 455]. **Bondi** [441, 762, 378]. **Bootstrap** [640, 1297, 97]. **Bootstraps** [548]. **Born** [827, 971, 927, 166, 287]. **Born-Approximation** [827]. **Bose** [1280, 881, 339, 715, 133, 1257, 64, 1359, 286]. **Boson** [1032, 1217, 48, 17, 1326, 1394, 902, 42, 1035, 1090, 1091]. **Bosons** [425, 127, 1274, 979]. **Bound** [76, 697, 549, 28, 136, 874, 222, 383, 13, 794, 1259, 353, 116, 741, 311, 1275, 1196]. **Bound-State** [697, 874, 222, 116]. **Bound-States** [383]. **Boundary** [1120, 821, 1104, 1119, 756, 612, 969, 1176, 1117, 785, 1281, 1052, 235]. **Boundary-Value** [1120, 821, 1104, 1119, 612, 1176, 785, 1281]. **Bounded** [749]. **Bounds** [1323, 318, 990, 1204, 866, 393, 940, 1004, 685, 173, 798, 1389, 1388, 1434, 723, 1190, 611, 1238, 1436]. **Bra** [407]. **Bracket** [910]. **Branching** [705, 607, 198]. **Brans** [1262]. **Breaking** [292, 546]. **Breit** [1038]. **Bremmer** [750]. **Brillouin** [282, 655]. **Broglie** [1278]. **Broken** [1257]. **Brownian** [192, 443, 942]. **Bulk** [1389, 1434]. **Burgers** [1010, 1200].

**C** [460]. **Calculation** [113, 507, 1282, 60, 554, 604, 982, 780, 1229]. **Calculations** [827, 661]. **Calculus** [88, 617, 1106, 329, 1370]. **Campbell** [1009]. **Can** [155]. **Canonical** [636, 720, 48, 715, 393, 1342, 770, 543, 155, 370, 1340, 1418, 1387, 1386, 1146, 312, 833, 1012, 803, 1145, 564, 1392]. **Carrying** [209]. **Cartan** [295]. **Cartesian** [242]. **Cascade** [820]. **Case** [320, 391, 1278, 1207]. **Cases** [5, 84]. **Casimir** [172]. **Cauchy** [983]. **Causal** [753, 535]. **Causality** [1240, 442, 841, 1103]. **Cavity** [171]. **Cayley** [1144]. **Cell** [1109, 1110]. **Cells** [59]. **Center** [664, 1027, 336, 919, 1038]. **Centered** [282, 655]. **Central** [975, 927, 1423]. **Cerenkov** [510, 893]. **Certain** [796, 548, 1104, 527, 685, 1210, 60, 396, 24, 689, 1281, 800]. **CFP** [652]. **Chain** [1068, 444, 998, 1151, 1305, 1306, 1159, 710, 1406, 498]. **Chains** [1341]. **Chakrabarti** [429]. **Chandrasekhar** [974]. **Changes** [1115]. **Channel** [842, 275, 1292, 1382]. **Channels** [221, 846]. **Chapman** [616]. **Character** [1410]. **Characteristic** [1341, 736, 1283, 820]. **Characterization**

[592, 1396, 915]. **Characterizing** [512]. **Charge**  
 [634, 57, 688, 396, 782, 1116, 165, 170, 410]. **Charged**  
 [440, 549, 1301, 1093, 740, 1318, 189, 110, 989, 561, 1233, 747]. **Chiang** [1435].  
**Chiral** [1208]. **Choh** [298]. **Circular** [157, 1101]. **Class**  
 [504, 441, 1129, 343, 734, 766, 699, 929, 1430, 349, 811, 41, 17, 424, 544, 1139,  
 1111, 616, 702, 522, 71, 981, 1211]. **Classes** [883]. **Classical**  
 [193, 341, 469, 1183, 1235, 926, 391, 270, 1168, 208, 505, 953, 121, 1152, 1282,  
 553, 755, 573, 574, 1291, 860, 1378, 1300, 871, 1111, 689, 691, 910, 1005, 1034,  
 1423, 443, 764, 426, 619, 757, 1234, 1344, 359, 737, 671, 1219, 898].  
**Classification** [67, 493, 494, 1174, 1230]. **Classifying** [537]. **Clebsch**  
 [678, 1028, 1029, 1286, 4, 262, 1320, 397, 90, 887, 403, 200, 824, 1124, 460, 674].  
**Clifford** [565]. **Closed** [486, 1382, 399, 371, 1167, 435, 46]. **Closed-Form**  
 [1167]. **Closed-Shell** [46]. **Closure** [654, 764]. **Cluster**  
 [681, 149, 876, 366, 642, 8, 609, 491, 1359, 457, 150, 151, 812, 877, 37].  
**Cluster-Star** [150, 151]. **Clusters** [463, 1263]. **Co** [1268]. **Co-diagonal**  
 [1268]. **Coated** [1192]. **Coefficient** [1401, 1153, 1064, 350, 554, 575].  
**Coefficients** [1029, 636, 199, 776, 811, 823, 1320, 397, 90, 703, 887, 1188, 200,  
 557, 558, 1028, 1286]. **Coexistence** [213]. **Coherence**  
 [39, 754, 281, 774, 618]. **Coherent** [901, 512, 350, 898, 91, 1057, 1024, 1308].  
**Coherent-State** [91, 1024, 1308]. **Collapsing** [416]. **Collective** [1364].  
**Collineations** [1213]. **Collision** [85, 577, 1402]. **Collisionless**  
 [759, 878, 1117]. **Collisions** [765]. **Combinatorial** [1163, 992, 1223, 1338].  
**Combined** [766, 700]. **Comment** [1435, 1436]. **Comments** [1152, 936, 1255].  
**Common** [550]. **Commutation** [720, 715, 1342, 370, 1340, 404, 793, 479].  
**Commutator** [959]. **Commutators** [732, 1328]. **Commuting** [503].  
**Compact** [1075, 615, 493, 494, 1041, 867, 868, 1174, 622, 1015].  
**Compactification** [98]. **Compass** [180]. **Compatibility** [795].  
**Compensation** [707, 1090, 1091]. **Complementary** [808, 1190]. **Complete**  
 [679, 220, 24, 1174]. **Completeness** [473, 1314]. **Complex**  
 [965, 319, 270, 272, 271, 273, 53, 511, 1058, 1284, 281, 1013, 1014, 1051, 745,  
 328, 836, 989, 988, 995, 257, 288]. **Component** [1135, 1390]. **Components**  
 [701, 865]. **Composite** [920, 1119, 61]. **Compton** [506]. **Concepts** [201].  
**Concerning** [1348, 754, 170]. **Concise** [448]. **Condensate** [1326].  
**Condensation** [881, 715, 133, 1257, 1375]. **Condition**  
 [587, 81, 1167, 1225, 1314, 1103]. **Conditions**  
 [1325, 342, 28, 136, 1240, 584, 837, 1317, 371, 255, 967, 1052, 256, 660, 1270].  
**Conducting** [593, 859, 688, 905]. **Conductivity**  
 [226, 225, 448, 449, 350, 773, 434]. **Cone** [467, 1248, 958]. **Cones** [693].  
**Configuration** [10, 945, 1149, 1095]. **Configuration-Space** [1149].  
**Configurations** [1313, 1264, 623, 1189]. **Confirmation** [1177]. **Conflicting**  
 [1309]. **Conformal** [1381, 1296, 668, 1237, 1211]. **Conformal-Invariant**  
 [1381, 1296]. **Conformally** [562]. **Conjecture** [1256]. **Conjugation**  
 [634, 257]. **Connected** [658, 972]. **Connection**  
 [1319, 834, 1089, 508, 1364, 745, 1065, 173]. **Consequent** [253].

**Conservation**

[392, 208, 505, 417, 864, 124, 453, 253, 1005, 430, 431, 170, 775, 1017].  
**Conserved** [1205, 1333, 106, 1349]. **Considerations** [1235]. **Consistency** [584]. **Consistent** [10, 54, 1357, 1416]. **Constant** [766, 350, 830, 462, 781].  
**Constants** [716, 818, 45, 1017]. **Constructing** [1059]. **Construction** [70, 484, 1001, 57, 183, 1005, 6, 174, 1030, 499, 666, 17]. **Contact** [921].  
**Contained** [87, 1211]. **Containing** [218, 1204, 1277, 1436]. **Contains** [1284].  
**Content** [850]. **Continuation** [680, 662, 255, 31, 1198]. **Continuations** [356]. **Continuity** [353, 1309]. **Continuous** [1427, 348, 1273, 17, 514, 846, 1362, 1400]. **Continuous-Representation** [17]. **Continuum** [389, 333]. **Continuum-Ising** [333]. **Contracted** [1085].  
**Contraction** [708, 330]. **Contribution** [226]. **Contributions** [1322, 219, 1094]. **Convergence** [502, 750, 937, 971, 1024]. **convergent** [1238]. **Converging** [994]. **Conversion** [1186]. **Convex** [914, 709, 1244].  
**Coordinate** [224, 779, 155]. **Coordinates** [218, 776, 936, 1311, 562, 1100, 1101]. **Corben** [117]. **Core** [926, 187, 582, 1146]. **Corepresentations** [1041]. **Correction** [614].  
**Corrections** [953, 449, 1064]. **Correlation** [341, 814, 213, 735, 1326, 899, 309, 816, 33, 1263]. **Correlations** [530, 605, 606, 302, 966, 916, 1081, 375, 409, 361, 903]. **Correspondence** [851, 274]. **Corresponding** [522]. **Cosets** [1320]. **Cosmological** [471, 323, 399, 1000, 1277]. **Cosmos** [330]. **Coulomb** [389, 1132, 768, 346, 626, 1027, 496, 960, 336, 982, 673, 780]. **Coulomb-Like** [673]. **Coulombic** [79]. **Counts** [375]. **Coupled** [221, 223, 275, 65, 553, 1382, 316]. **Coupling** [638, 716, 602, 1102, 1405, 322, 178, 557, 1040, 1048]. **Covariant** [11, 1187, 392, 417, 509, 192, 1288, 430, 431, 1390, 1047]. **Covering** [569, 397].  
**Creeping** [772]. **Criteria** [1239]. **Criterion** [715]. **Critical** [1339, 1293, 970, 751, 1303, 256]. **Critical-point** [1339]. **criticality** [1100, 1101]. **Cross** [118, 490, 1122, 51, 1194, 1437]. **Cross-Section** [118].  
**Crossed** [1292]. **Crossing** [835, 1297, 1077, 1175, 368, 570, 1232, 212, 1065].  
**Crossing-Symmetric** [835]. **Crystal** [922, 692, 1142]. **Crystals** [738, 739, 454, 455]. **CTP** [643]. **Cubic** [1269, 282, 655]. **Current** [720, 209, 1328, 791, 1031, 256, 925, 924]. **Current-Carrying** [209].  
**Currents** [898, 924]. **Curvature** [439, 709, 1213, 1145]. **Curved** [1208, 772, 669]. **Curves** [349, 702]. **Cut** [1322]. **Cut-Contributions** [1322].  
**Cutoff** [116]. **Cutoffs** [673]. **Cuts** [191]. **Cycles** [484]. **Cyclic** [1342].  
**Cyclotron** [445]. **Cylinder** [157, 878]. **Cylinders** [416, 51]. **Cylindrical** [171, 432, 1192, 1101].

**D** [629, 460]. **Dancoff** [985]. **Dangerous** [707, 1090, 1091]. **Data** [1067].  
**Daughter** [856]. **Debye** [401, 621, 670]. **Decay** [1397, 89]. **Decomposition** [152, 489, 711, 857, 737, 877]. **Decompositions** [789]. **Decoupling** [275].  
**Defined** [1213]. **Definite** [988]. **Definition** [636, 446, 410]. **Deformable**

[682]. **Deformation** [708]. **Deformations** [1129]. **degeneracies** [1408].  
**Degeneracy** [1403, 445, 999]. **Degenerate**  
[470, 1108, 1254, 514, 283, 789, 1015, 1354, 497]. **Degree** [281, 774]. **Delta**  
[1274]. **Delta-Function** [1274]. **Democratic** [537]. **Dense**  
[193, 580, 298, 385]. **Densities** [721, 385, 988, 1263]. **Density**  
[854, 186, 1226, 463, 36, 37, 187, 724, 533, 601, 1224, 598, 1376, 91, 804, 517,  
357, 675, 1351, 1263, 982, 1223]. **Dependence** [1056, 771]. **Dependent**  
[341, 593, 859, 1206, 529, 551, 831, 194, 206, 1210, 140, 1111, 1318, 1377, 627,  
1018, 1113]. **Derivation**  
[1103, 447, 448, 609, 986, 707, 536, 5, 84, 402, 1352, 40, 181, 974, 1154, 1200].  
**Derivations** [617]. **Derivative** [1213]. **Derivatives** [874, 845, 853].  
**Described** [1260]. **Description** [748, 509, 1291, 1162, 125, 1251, 942].  
**Descriptions** [896]. **Determinant** [267]. **Determinantal** [846].  
**Determinants** [1239]. **Determination** [842, 642, 383, 1249, 375, 1122, 1437].  
**Determine** [591]. **Detonations** [994]. **Development** [392, 173].  
**Development-Evaluation** [173]. **Developments** [55]. **Deviations** [1159].  
**Diagonal** [133, 91, 1024, 1308, 556, 1268]. **Diagram** [68, 254]. **Diagrams**  
[113, 56, 349, 707, 79, 702, 1136, 1090, 1091]. **Dicke** [1262]. **Didactic** [775].  
**Dielectric** [1295, 350, 1299, 830, 1192, 781]. **Dielectric-Coated** [1192].  
**Dielectrics** [1247]. **Difference** [1182]. **Different** [517]. **Differential**  
[500, 223, 141, 23, 1023, 115, 1138, 819, 400, 850, 1167, 1122, 329, 803, 1133,  
974, 1437]. **Differentiation** [1009, 676]. **Difficulties** [131, 580]. **Diffraction**  
[1060, 1374, 171, 1356, 709, 653, 137, 1299, 1429, 1383, 669, 261, 171]. **Diffuse**  
[975]. **Diffusion** [1365, 1180, 1100, 1101]. **Dilute** [576]. **Dimension**  
[1414, 52, 280, 816, 890]. **Dimensional** [123, 1350, 68, 1415, 1119, 1112, 1011,  
215, 1170, 1099, 596, 391, 880, 645, 394, 955, 1185, 651, 41, 1171, 788, 1019,  
582, 425, 858, 231, 1076, 1417, 1146, 495, 690, 232, 723, 134, 254, 1142, 1330,  
563, 882, 861, 181, 333, 1230, 1020, 1274, 1100, 1101]. **Dimensionality**  
[207, 1066]. **Dimensions** [1138, 1307, 189, 747, 27]. **Dimer**  
[1242, 487, 1185, 844, 1368]. **Dimers** [939, 843]. **Dipoles** [418]. **Dirac**  
[1155, 1428, 1392, 295, 752, 1250, 533, 1140, 111, 910, 44, 146, 407, 801, 882].  
**Direct** [489, 301, 370, 1157]. **Direct-Product** [370]. **Directed** [390].  
**Direction** [1112]. **Disconnected** [120]. **Discontinuities** [829, 513].  
**Discontinuity** [1179]. **Discontinuous** [43]. **Discrete**  
[389, 569, 853, 5, 84, 279, 789, 497, 286, 1399]. **Discrete-Continuum** [389].  
**discussion** [1203]. **Disordered** [1142, 1426]. **Dispersion** [583, 738, 1201].  
**Dispersion-Energy** [1201]. **Dissimilar** [684]. **Dissipation** [813]. **Distance**  
[62, 573, 1300]. **Distorted** [827]. **Distorted-Wave** [827]. **Distortions** [686].  
**Distribution** [1220, 469, 363, 714, 953, 1169, 81, 880, 268, 755, 246, 575,  
1007, 1284, 604, 1031, 1402, 660]. **Distributions**  
[899, 396, 326, 1164, 135, 695, 1047]. **Disturbances** [1169]. **Divergences**  
[898, 897, 673]. **Divergent** [116]. **Domain** [547, 347]. **Domains** [1119].  
**Doppler** [439]. **Double** [76, 700, 647, 755, 204, 23, 256]. **Double-Time**  
[755]. **Drop** [561]. **Drukarev** [752]. **Drum** [540]. **Duality** [814]. **Dumbbell**

[1417]. **Dumbbells** [858, 1076]. **during** [330]. **Dust** [471, 839, 399, 20].  
**Dust-Filled** [471, 399, 20]. **Dyadic** [918]. **Dynamical**  
[131, 907, 442, 507, 509, 21, 864, 850, 1073]. **Dynamics**  
[1269, 704, 1260, 49, 1378, 956, 396, 1308, 1116, 233, 727, 852].

**Edge** [1429]. **Effect** [506, 507, 143]. **Effective**  
[350, 1382, 830, 1389, 1388, 1434]. **Effective-Range** [1382]. **Effects**  
[501, 1003, 920, 806, 1080, 1143, 875, 1420, 32, 827]. **Ehrenfest** [589].  
**Ehrenfests** [1180]. **Eigenfunction** [693]. **Eigenfunctions** [654, 1231, 1207].  
**Eigenstates** [128, 1351]. **Eigenvalue** [613, 784, 1126, 545, 567, 999].  
**Eigenvalues** [766, 173, 309, 723, 1362, 1436]. **Eight** [645].  
**Eight-Dimensional** [645]. **Einstein** [766, 1363, 1036, 1333, 715, 1087, 1253,  
325, 656, 160, 159, 72, 894, 1347, 286, 1227, 1002, 672, 382, 20, 260]. **Elastic**  
[211, 297, 390, 927, 145, 137, 1058]. **Elastic-Wave** [1058]. **Electric**  
[773, 969, 104]. **Electric-Field** [969]. **Electrical** [1388, 434]. **Electricity**  
[306]. **Electro** [806, 1080, 1143]. **Electro-Optical** [806, 1080, 1143].  
**Electrodynamics** [241, 156, 1300, 612, 1346, 129, 313]. **Electromagnetic**  
[632, 731, 593, 859, 1279, 1206, 1128, 529, 1099, 1082, 418, 209, 709, 246, 1079,  
1299, 1318, 738, 739, 878, 1117, 160, 184, 1288, 146, 976, 332, 623, 1222, 728,  
261, 905]. **Electromagnetism** [272, 656]. **Electron**  
[1295, 1206, 414, 1235, 599, 930, 576, 456, 763, 903, 1088]. **Electron-Phonon**  
[414]. **Electrons** [542, 153, 433]. **Electrostatic** [945]. **Elementary**  
[1171, 287, 288]. **Elements**  
[1380, 796, 1134, 94, 768, 776, 746, 659, 6, 174, 361, 786, 981, 1133].  
**Ellipsoids** [560]. **Elsasser** [435]. **Embedding** [343, 641, 607]. **Embeddings**  
[909]. **Emission** [568, 241, 575]. **Empty** [343, 742, 637]. **Encountered** [913].  
**Energies** [383, 1190]. **Energy** [588, 632, 1204, 854, 766, 740, 584, 82, 488,  
552, 183, 1072, 1023, 1224, 173, 24, 741, 892, 745, 662, 777, 961, 988, 559, 560,  
1351, 458, 667, 1310, 1194, 775, 1201, 1436]. **Energy-Integral** [1023].  
**Energy-Level** [1224]. **Energy-Momentum** [775]. **Ensemble**  
[35, 393, 1050, 188, 1007, 1146]. **Ensembles** [53, 543, 122]. **Enskog** [616].  
**Entropy** [1008, 454, 461]. **Enumeration** [464]. **Envelope** [1136].  
**Envelopes** [798]. **Enveloping** [521]. **Equal** [1328]. **Equal-Time** [1328].  
**Equation** [1084, 1403, 750, 697, 954, 295, 1161, 752, 267, 414, 542, 1182, 873,  
121, 243, 77, 194, 751, 450, 23, 115, 1171, 229, 535, 1055, 1209, 1321, 706, 654,  
536, 819, 648, 1140, 545, 744, 610, 400, 616, 310, 1016, 840, 402, 1177, 1167,  
723, 476, 114, 785, 327, 44, 1255, 1010, 380, 849, 358, 913, 147, 801, 949, 978,  
1113, 1392, 1233, 1244, 1017, 1200]. **Equations**  
[500, 293, 1323, 193, 468, 835, 197, 1322, 813, 11, 220, 548, 1343, 526, 527, 1250,  
907, 223, 758, 834, 1061, 1179, 683, 734, 766, 1363, 141, 106, 1283, 875, 422, 1087,  
1282, 1253, 1371, 1372, 305, 1023, 491, 424, 1384, 1278, 1138, 656, 1139, 284, 658,  
117, 847, 160, 159, 72, 1150, 567, 1049, 146, 1039, 619, 1309, 803, 1347, 1227,  
1002, 1383, 483, 671, 673, 877, 20, 1270, 1411, 1078, 974, 1088, 1036, 1133, 331].  
**Equilibrium** [419, 1260, 940, 192, 574, 122, 425, 576, 561, 621]. **Equivalence**



[482]. **Equivalent** [391, 590, 153, 1189]. **Ergodic** [722, 1195, 1053]. **Errata** [83, 84, 175]. **Erratum** [546, 262, 1405, 436, 547, 1434, 263, 763, 174, 1433, 437]. **Error** [318, 940, 1004, 1238]. **Estimates** [1043, 73]. **Euclidean** [1013, 1014, 1051, 331]. **Euler** [307, 803]. **Evaluating** [46, 712]. **Evaluation** [635, 797, 3, 436, 1271, 1210, 173, 401, 694, 1344, 621, 670, 139, 1109]. **Evolution** [243, 899]. **Exact** [1084, 1297, 766, 97, 451, 1317, 424, 1111, 1318, 858, 42, 1076, 284, 79, 128, 967, 27, 1231, 801, 695, 1277, 1113]. **Exactly** [247, 1035]. **Example** [1273, 353]. **Exceptional** [1187, 824, 674]. **Exchange** [534, 554, 380]. **Excitation** [679, 74]. **Excitations** [551]. **Excited** [232]. **exciton** [1229]. **Excluded** [620]. **Exhibit** [1002]. **Existence** [468, 835, 963, 756, 937, 486, 629, 26, 371, 847, 519, 1281, 480, 1017]. **Expanding** [931, 249, 562]. **Expansion** [681, 149, 62, 633, 821, 267, 1361, 296, 932, 463, 132, 1292, 225, 609, 248, 1359, 648, 795, 616, 765, 1024, 1246, 252, 496, 51, 1263, 89]. **Expansions** [876, 642, 141, 533, 543, 653, 1304, 693, 991, 771, 40, 877, 1038, 1109]. **Expectation** [318, 154, 381]. **Experiment** [921]. **Experimental** [1249, 1177]. **Explicit** [239, 823, 1016, 1370]. **Exploding** [417]. **Explosives** [994]. **Exponential** [35, 664, 249, 1009, 676]. **Expressions** [401, 621, 670]. **Extended** [748, 1023]. **Extension** [634, 579, 1022, 398, 933]. **Extensions** [644]. **Extent** [596]. **Exterior** [416]. **External** [928, 508, 615, 606]. **Extraction** [452].

**Face** [282]. **Face-Centered-Cubic** [282]. **Factor** [876]. **Factor-Cluster** [876]. **Factorization** [541, 1022, 1058]. **Factors** [1422, 123, 720, 642, 408]. **Faddeev** [293, 1321, 1270]. **Faddeev-Type** [293]. **Failure** [366]. **Features** [1364]. **Feinberg** [29]. **Fermi** [436, 1335, 528, 3, 64, 1224, 353]. **Fermi-Gas** [528]. **Fermion** [753, 156, 876, 186, 788, 491, 614, 42, 1263, 861, 877, 1339, 1118]. **Fermions** [52, 280, 127]. **Ferromagnet** [40, 237]. **Ferromagnetism** [247]. **Ferromagnets** [605, 606, 1332, 916]. **Feynman** [415, 113, 1043, 1424, 488, 552, 56, 349, 41, 702, 1311, 254, 144, 139]. **Field** [66, 950, 957, 578, 1295, 96, 632, 731, 677, 342, 1206, 1011, 442, 1256, 1301, 734, 270, 766, 889, 1093, 928, 50, 209, 383, 572, 447, 214, 769, 422, 1342, 227, 1127, 1216, 1253, 148, 512, 246, 17, 216, 1318, 782, 283, 492, 930, 969, 42, 1272, 284, 1116, 375, 456, 763, 117, 160, 72, 126, 328, 836, 1262, 1034, 525, 146, 63, 426, 519, 520, 619, 852, 989, 961, 988, 285, 862, 191, 856, 331, 480, 897, 672, 1369, 972, 20, 260, 410, 1196, 1172, 1096, 979, 1233, 1215]. **Field-Plus** [578]. **Field-Theoretic** [950, 447]. **Field-Theoretical** [410]. **Field-Theory** [957, 191]. **Fields** [7, 963, 845, 271, 1082, 418, 872, 64, 1067, 606, 1342, 649, 686, 1127, 1216, 1298, 1079, 124, 761, 810, 773, 495, 690, 253, 184, 1288, 1234, 43, 1135, 360, 1390, 672, 71, 334, 256, 260]. **Figure** [59]. **Figures** [561]. **Filled** [471, 399, 20]. **Films** [881]. **Finding** [1185, 232]. **Fine** [501, 1003, 766]. **Fine-Structure** [766]. **Finite**

[813, 993, 596, 740, 883, 1243, 394, 1228, 1199, 1373, 543, 230, 582, 1146, 263, 112, 376, 659, 32, 1214, 961, 162, 386, 827, 1192, 972, 1399, 1400].  
**Finite-Dimensional** [394]. **Finite-Energy** [961]. **Finite-Range** [827].  
**Finiteness** [749]. **First** [1132, 864, 310, 326, 803, 1227, 1229]. **First-Order** [1132, 310, 803, 1227]. **First-Passage** [326, 1229]. **Five** [82, 1019, 1020].  
**Five-Dimensional** [1019, 1020]. **Five-Point** [82]. **Fixed** [82, 423, 1072, 545, 745, 458, 667]. **Fixed-Angle** [1072]. **Flat** [562, 968].  
**Flexible** [714]. **Flow** [611]. **Fluctuation** [21]. **Fluctuations** [854, 122, 601, 461]. **Fluid** [596, 601, 582, 1146, 1181, 1002, 1109, 1110].  
**Fluids** [1350, 1316, 164, 1277, 671]. **Fock** [1280, 631, 1260]. **Fokker** [578, 77, 648, 1177, 165, 577]. **Fokker-Type** [578]. **Force** [682, 1423, 128].  
**Forces** [596, 164, 1236, 1218, 982]. **Form** [731, 720, 250, 401, 1167, 1347, 771, 621, 820, 670, 435]. **Formal** [807, 23, 991, 1360]. **Formalism** [18, 34, 290, 291, 834, 1409, 154, 1394, 355, 405, 406, 477, 407, 285, 288, 410, 1155, 1428, 1215, 925, 924, 673].  
**Formalisms** [876]. **Formalization** [201]. **Forming** [131]. **Forms** [346, 518, 1145]. **Formula** [634, 29, 959, 1382, 1009, 150]. **Formulas** [743, 448, 1342, 351, 792, 1021]. **Formulation** [950, 1325, 1187, 392, 506, 384, 837, 815, 340, 85, 770, 1300, 111, 495, 690, 357, 525, 1336, 92]. **Formulations** [214]. **Forward** [476]. **Foundations** [904, 300]. **Four** [293, 753, 1230, 1149].  
**Four-Body** [293]. **Four-Dimensional** [1230]. **Four-Fermion** [753].  
**Four-Particle** [1149]. **Fourier** [62]. **Fourth** [39, 409]. **Fourth-Order** [39, 409]. **Fractional** [1188]. **Fractionally** [969]. **Frames** [295]. **Fredholm** [305, 483]. **Free** [1295, 271, 704, 106, 183, 124, 253, 357, 1088, 1096, 979].  
**Free-Electron** [1295, 1088]. **Free-field** [979]. **Free-Particle** [106].  
**Frequency** [1191, 1157, 1377, 944, 1158]. **Fresnel** [706]. **Friedmann** [1079, 1288]. **Froissart** [255]. **Fronted** [909]. **Function** [341, 1191, 593, 859, 76, 469, 529, 842, 814, 953, 928, 81, 880, 82, 853, 268, 626, 735, 513, 244, 246, 788, 535, 491, 248, 614, 746, 355, 783, 78, 498, 919, 862, 627, 861, 181, 1390, 1274, 1109]. **Functional** [1220, 1219, 1032, 845, 132, 340, 574, 230, 1024, 617, 329, 1181, 820, 139, 1411].  
**Functionals** [769, 88, 33, 151, 897]. **Functions** [1084, 389, 86, 813, 39, 1068, 1220, 1348, 802, 1361, 1128, 296, 363, 1099, 932, 1108, 485, 873, 369, 213, 145, 1212, 755, 245, 324, 1320, 1304, 1058, 899, 1248, 1197, 798, 1071, 309, 1385, 1013, 1014, 1051, 659, 356, 1044, 816, 1255, 522, 1344, 604, 1312, 826, 539, 565, 660, 1113, 974, 1338, 1254, 962].  
**Fundamental** [1213, 868]. **Further** [881, 1401, 801].

**G** [824]. **Galilean** [1106]. **Galilei** [592, 1292, 1012, 196, 236, 539, 624].  
**Gamma** [294]. **Gamma-Ray** [294]. **Gas** [193, 1295, 414, 528, 339, 880, 530, 121, 243, 724, 853, 788, 451, 554, 902, 353, 805, 317]. **Gases** [580, 298, 36, 37, 187, 189, 385, 459]. **Gauge** [384, 872, 782, 314, 1369].  
**Gaussian** [712]. **Gel'fand** [546, 292, 1256, 354]. **Geminal** [186]. **General** [62, 1325, 219, 19, 295, 1205, 416, 1082, 736, 392, 417, 704, 837, 839, 1265, 646,

915, 1086, 276, 450, 986, 1213, 997, 916, 706, 397, 284, 996, 1188, 326, 659, 1346, 557, 793, 1347, 667, 563, 1125, 168, 235, 625, 1155, 1203, 1073, 164, 1215]. **Generalization** [298, 1178, 555, 840, 846, 1033, 978, 1338]. **Generalizations** [1016, 359, 1017, 1200, 1367]. **Generalized** [767, 1319, 1358, 389, 1280, 441, 762, 881, 1361, 363, 369, 121, 133, 1257, 970, 1331, 453, 1329, 402, 253, 477, 1049, 1164, 1402, 673, 1411, 1062]. **Generating** [1084, 1113, 230, 1344, 151]. **Generators** [802, 657, 786, 884, 958]. **Geodesic** [864, 334]. **Geometric** [935, 228, 167, 826]. **Geometrical** [787]. **Geometries** [1257, 310]. **Geometrization** [272, 126, 328, 836, 1262]. **Geometry** [993, 954, 19, 873, 850, 238, 1244]. **Ginzburg** [847]. **Given** [1206, 802, 742, 13, 6, 174]. **Global** [963, 537, 430, 431]. **Glory** [1158].

**Gordan** [678, 1028, 1029, 1286, 4, 262, 1320, 397, 90, 887, 403, 200, 824, 1124, 460, 674].

**Gordon** [766, 907, 744, 1251, 146]. **Grand** [268, 1146]. **Graph** [513, 991, 462, 459]. **Graphs** [540, 415, 1315, 464, 24, 465, 992, 710].

**Gravitation** [986, 426]. **Gravitational** [7, 963, 983, 917, 931, 108, 325, 1236, 930, 1074, 495, 690, 233, 184, 27, 432, 180, 360, 719, 71, 334, 1215]. **Greatly** [517]. **Green** [593, 859, 1068, 1128, 529, 1099, 932, 485, 928, 873, 943, 1178, 755, 626, 245, 535, 491, 1304, 783, 862, 627, 861]. **Gribov** [255]. **Griffiths** [916]. **Ground** [1415, 1204, 740, 1217, 1364, 1165, 1190, 1310, 1339].

**Ground-State** [1204, 740, 1217, 1190, 1310]. **Group** [70, 832, 1422, 886, 1427, 828, 86, 592, 964, 441, 762, 1112, 1343, 1205, 320, 388, 205, 344, 641, 569, 815, 597, 507, 700, 984, 1355, 1379, 1292, 474, 1273, 1019, 397, 202, 1, 5, 83, 84, 657, 492, 231, 1140, 1041, 1013, 1014, 1051, 1313, 701, 865, 354, 825, 869, 607, 659, 378, 134, 1044, 710, 833, 1012, 824, 727, 44, 557, 558, 711, 1135, 630, 882, 80, 196, 236, 539, 624, 565, 1020, 786, 362, 1078, 1237, 1025, 1211, 938, 1121, 923, 1015, 1354, 958, 1267, 1211].

**Group-Theoretic** [1205]. **Group-Theoretical** [828, 202]. **Groups** [70, 832, 239, 993, 413, 199, 1156, 638, 1168, 641, 368, 570, 113, 369, 883, 1243, 647, 489, 1228, 705, 1059, 120, 1075, 514, 887, 810, 615, 493, 494, 1041, 556, 1174, 911, 1246, 376, 622, 312, 497, 521, 1030, 163, 162, 386, 499, 1344, 170, 737, 198, 674, 1073, 1062, 1015, 1354]. **Growth** [1310, 1275]. **Guiding** [664].

**Gyration** [714]. **Gyroelectric** [14]. **Gyrotropic** [1383, 235].

**H** [853]. **Haag** [760, 1048]. **Half** [273, 688, 251, 515, 1421, 862, 1383, 1133]. **Half-off-shell** [1133]. **Half-Plane** [273, 1383]. **Half-Planes** [688].

**Half-Space** [251, 515, 1421, 862]. **Hamilton** [1250, 1052]. **Hamiltonian** [201, 128, 1038, 590, 1419, 1331, 1165, 1284, 799, 1214, 361, 1042, 410].

**Hamiltonians** [391, 753, 74, 800]. **Hard** [926, 339, 880, 49, 582, 554, 1146, 805, 187]. **Hard-Core** [926, 582, 1146, 187].

**Hard-Sphere** [339, 554]. **Harmonic** [86, 240, 450, 1387, 1111, 1318, 231, 746, 1197, 659, 1044, 692, 1142, 1377, 944, 938]. **harmonic-oscillator** [938].

**Harmonics** [817, 496, 771]. **Hartree** [1260]. **Hausdorff** [959, 1009]. **Having** [145, 58, 1041]. **Heisenberg** [1425]. **Helicity** [1290, 1094, 1121]. **Helicon**

[26]. **Helmholtz** [750, 496]. **Hepp** [698]. **Herglotz** [668]. **Hermite** [88, 89, 1189]. **Hermitian** [538, 1065, 800]. **Heterogeneous** [1389, 1388, 1434]. **Hidden** [1046]. **Hidden-Variable** [1046]. **Hierarchies** [617, 721]. **High** [588, 345, 584, 64, 82, 488, 552, 1064, 1072, 24, 892, 1157, 1158, 777, 1194]. **High-Energy** [588, 584, 82, 488, 552, 1072, 24, 892, 777, 1194]. **High-Frequency** [1157, 1158]. **High-Order** [64]. **High-Temperature** [345]. **Higher** [11, 215, 1293, 959, 57, 395, 449, 120, 774, 377, 356]. **Higher-Dimensional** [215]. **Higher-Neighbor** [1293]. **Higher-Order** [959, 395, 449, 774, 356]. **Higher-Spin** [11]. **Hilbert** [16, 616, 525, 1276]. **Hill** [327]. **Histories** [1311]. **Hole** [1364]. **Holomorphy** [798]. **Holonomy** [810]. **Homeomorphically** [464]. **Homogeneous** [70, 1407, 918, 471, 323, 556, 869, 160, 159, 72, 585, 539, 624]. **Homology** [113]. **Hook** [1163]. **Hopf** [905, 1358, 1383]. **Horizons** [1156]. **Houston** [282, 655]. **Huygens** [1123]. **Hybrid** [1027]. **Hydrodynamics** [245]. **Hydrogen** [828, 240, 1170, 597, 454, 455, 38]. **Hydromagnetic** [474, 195]. **Hyperbolic** [1138]. **Hyperboloids** [693]. **Hypergeometric** [1361, 356, 1338, 1198]. **Hyperplane** [1290]. **Hyperspheres** [484]. **Hypersurface** [742]. **Hypersurfaces** [736, 1283]. **Hysteresis** [663].

**Ice** [454]. **Icecream** [467]. **Icecream-Cone** [467]. **Ideal** [902, 189]. **Identical** [1204, 1436]. **Identifying** [465]. **Identities** [1401, 1153]. **Identity** [453]. **II** [1405, 1113, 34, 1029, 1428, 1003, 1391, 266, 784, 241, 1202, 136, 1080, 1096, 171, 1338, 186, 271, 505, 1175, 387, 570, 1102, 984, 725, 37, 552, 606, 102, 1430, 1259, 721, 1216, 1372, 276, 1252, 513, 1091, 555, 1317, 947, 514, 1306, 280, 494, 655, 373, 1014, 690, 1017, 30, 865, 1400, 455, 1158, 1354, 172, 836, 406, 313, 747, 128, 329, 1181, 431, 288, 1416, 523, 459, 409, 672, 1110, 236, 877, 1042, 1006, 1101, 1020, 259, 1267, 1037, 925, 1070, 38]. **III** [290, 1126, 1203, 1143, 272, 962, 1355, 187, 103, 693, 1051, 1229, 1200, 317]. **Imbedding** [55, 813, 840, 1207]. **Impenetrable** [425]. **Implications** [377]. **Implies** [66, 775]. **Improved** [169, 387, 962, 10]. **Impurities** [516]. **Impurity** [728]. **Incidence** [235]. **Including** [875]. **Incoherent** [160, 72]. **Incompressible** [1181]. **Increase** [1310, 1275]. **Indefinite** [338, 242, 348, 129]. **Index** [1431, 1432, 1041, 781]. **Induced** [568, 638]. **Inelastic** [182]. **Inequalities** [197, 1226, 916, 946]. **Inequality** [190, 144, 234]. **Infinite** [68, 684, 36, 1419, 451, 860, 140, 688, 773, 1135, 433, 890, 1390]. **Infinite-Component** [1135, 1390]. **Infinite-Dimensional** [68]. **Infinite-Spin** [890]. **Infinitesimal** [657]. **Infrared** [338, 898]. **Inhomogeneous** [813, 975, 750, 107, 893, 1326, 397, 536, 1162, 1, 5, 83, 84, 657, 556, 867, 868, 1174, 701, 865, 878, 44, 1030, 669, 1105]. **Inhomogenizations** [965, 964]. **Initial** [1325, 778, 372, 373, 1167, 1052]. **Initial-Value** [778, 372, 373]. **Inner** [1168, 726]. **Instabilities** [625]. **Instability** [1322, 1147]. **Instance** [999]. **Instantaneous** [573, 1300].

**insulation** [903]. **Insulators** [95]. **Integral**  
 [211, 951, 1323, 197, 1358, 218, 526, 527, 365, 797, 145, 566, 794, 1259, 1342,  
 305, 1023, 244, 864, 229, 1384, 730, 610, 518, 1039, 913, 147, 982, 671, 949, 771].  
**Integral-Operator** [566]. **Integrals**  
 [412, 389, 1220, 484, 635, 1032, 1043, 1424, 3, 436, 1271, 488, 552, 41, 115, 60,  
 554, 307, 116, 1027, 336, 335, 694, 919, 435, 139, 1193, 1202]. **Integrated**  
 [575]. **Integration** [1321, 1181, 1411]. **integro** [974]. **integro-differential**  
 [974]. **Intense** [456, 763]. **Intensity** [575, 51]. **Interacting**  
 [951, 542, 508, 52, 280, 259, 317, 1215]. **Interaction** [753, 889, 10, 1265, 13,  
 1425, 1316, 1303, 164, 1305, 1306, 1284, 143, 14, 1034, 1137, 459, 1274].  
**Interactions** [834, 1293, 1269, 1396, 1395, 872, 929, 1430, 1291, 788, 1159, 79,  
 945, 27, 46, 712, 944, 1095]. **Interelectronic** [218, 776]. **Interface** [517, 772].  
**Internal**  
 [766, 641, 368, 570, 508, 700, 179, 513, 810, 615, 824, 1406, 852, 315, 1393, 80].  
**Internal-Labeling** [1393]. **Interpolation** [822, 792, 1021]. **Interpretation**  
 [550, 900, 1123, 977]. **Intersect** [604]. **Intrinsic** [12, 1140, 895, 74].  
**Invariance** [364, 596, 208, 505, 643, 179, 936, 582, 1146, 1005, 1066, 775,  
 1237, 1096, 979, 1118]. **Invariant** [55, 1381, 813, 19, 1296, 384, 1292, 818, 943,  
 1371, 1372, 730, 693, 250, 840, 1249, 1207, 212, 1078]. **Invariants**  
 [1183, 365, 1093, 424, 1111, 799, 867, 868, 22, 172, 1030, 499, 1042, 968].  
**Inverse** [681, 506, 1114, 1071, 745, 1360, 458, 667, 1312]. **Inverse-Scattering**  
 [458]. **Inversion** [716, 305, 1173, 150, 151]. **Involutorial** [1289]. **Involving**  
 [776, 946, 358]. **Ionization** [38]. **Ions** [46, 712]. **Irreducibility** [1398].  
**Irreducible** [70, 504, 366, 906, 600, 301, 464, 1019, 938, 746, 493, 494, 1041,  
 701, 865, 354, 87, 200, 427, 163, 386, 711, 666, 857, 1020, 790, 1070, 1267, 196].  
**Irregularities** [914]. **Ising**  
 [333, 123, 591, 1068, 68, 1293, 1151, 487, 725, 1261, 605, 606, 1332, 966, 9, 304,  
 276, 609, 916, 1081, 1272, 1329, 1137, 409, 563, 1125, 40, 181, 890].  
**Ising-Model** [966]. **Isometries** [839]. **Isoparity** [630]. **Isoperimetric**  
 [1184, 59]. **Isoscalar** [1422, 408]. **Isospectral** [540]. **Isospin**  
 [650, 1232, 1208, 289, 1096, 979]. **Isotopic** [257]. **Isotopically** [1142].  
**Isotropic** [975, 1036, 627]. **Iterative** [1054]. **IV** [291, 1379, 771]. **IX**  
 [173, 1347].

**J** [1437, 639]. **Jost** [522]. **Junction** [837].

**Kahan** [555]. **Källén** [114]. **Kampen** [1103]. **KDP** [455]. **Kepler** [807, 936].  
**Kernel** [1342]. **Kernels** [658]. **Kerr** [579, 733, 973, 109]. **Ket** [407]. **Killing**  
 [1156]. **Kind** [1196]. **Kinematic** [1425, 1094]. **Kinematics**  
 [1069, 202, 203, 870]. **Kinetic**  
 [756, 937, 414, 581, 580, 298, 875, 536, 1162, 741, 1352, 1255, 665, 1166, 1105].  
**Kinetics** [1076, 1417]. **Kinks** [421, 1089]. **Kirillov** [1256, 1241]. **Kirkwood**  
 [1323]. **Klein** [907, 766, 744, 1251, 146]. **Knudsen** [611]. **Kondo** [1271].  
**Korteweg** [1016, 1017, 1200]. **Kronecker** [857].

**l** [460]. **Labeling** [906, 1393]. **Ladder** [936, 952, 1398, 79]. **Lagrange** [787, 803]. **Lagrangian** [201, 96, 613, 784, 1126]. **Laminas** [1141]. **Landau** [1203, 100, 349, 847, 702, 749]. **Laplace** [680]. **Lapse** [1325]. **Large** [756, 1194]. **Larger** [702]. **Laser** [456, 763]. **Lasers** [317]. **Late** [89]. **Lateral** [772]. **Laterally** [773]. **Lattice** [1191, 939, 1287, 1269, 642, 843, 226, 225, 448, 449, 9, 276, 1303, 451, 306, 655, 1329, 454, 455, 992, 991, 805, 459, 409, 462]. **Lattices** [1269, 282, 30, 1426, 944, 1229]. **Law** [986, 1005, 1189]. **Laws** [438, 392, 208, 505, 417, 864, 124, 453, 253, 430, 431, 1017]. **Leading** [349, 117, 702]. **Lebowitz** [398]. **Lee** [920, 340, 1397, 1298, 311, 891, 985, 147, 1048]. **Left** [273]. **Legendre** [1384]. **Lehmann** [285]. **length** [1100, 1101]. **Lenz** [626]. **Lepton** [50]. **Level** [1224, 1165]. **Lichnerowicz** [585]. **Lie** [239, 964, 802, 1256, 644, 1243, 394, 1371, 1372, 1213, 324, 708, 615, 493, 494, 1041, 691, 1246, 607, 312, 22, 172, 1124, 1030, 499, 630, 624, 198]. **Lie-Algebra** [964]. **Lie-Algebra-Invariant** [1371, 1372]. **Lie-Group** [964]. **Lie-like** [1243]. **Lifetime** [85]. **Light** [975, 1248, 575, 958]. **Light-Cone** [1248]. **Like** [673, 438, 1243]. **Limit** [602, 1102, 1405, 64, 871, 36]. **Limitable** [1073]. **Limiting** [346]. **Line** [742]. **Linear** [197, 594, 542, 1341, 1226, 444, 1023, 115, 555, 1305, 1306, 1159, 263, 112, 158, 465, 764, 803, 577]. **Linearized** [648, 45, 785, 104]. **Linearly** [251]. **Lines** [399]. **Linked** [642, 491]. **Linked-Cluster** [642]. **Liouville** [1341, 1036, 723]. **Lippmann** [673]. **Liquid** [1335, 278, 561]. **Liquid-Vapor** [278]. **Local** [265, 266, 591, 1096, 979, 643, 1083, 915, 1321, 475, 1056, 1057, 791, 499, 1002, 192]. **Localized** [520, 1412]. **Logarithmic** [138, 224, 724]. **Logarithmically** [531]. **Long** [1269, 420, 133, 1316, 1303, 164, 385, 1218, 104, 1137, 459, 944]. **Long-Range** [1269, 420, 133, 1316, 1303, 164, 1218, 1137, 459, 944]. **Long-Time** [385, 104]. **Loop** [572, 254]. **Loops** [56]. **Lorentz** [83, 70, 152, 993, 1327, 1025, 179, 397, 1, 5, 84, 657, 1140, 701, 865, 869, 911, 1399, 1400, 254, 727, 44, 1135, 482, 882, 624, 1047, 362]. **Lossy** [1128]. **Low** [1425, 143, 40, 463]. **Low-Density** [463]. **Low-Temperature** [143, 40]. **Lower** [1204, 393, 741, 87, 611, 1436]. **Lowering** [710, 786]. **Lowest** [226, 614]. **Lowest-Order** [226, 614]. **Lucas** [1319].

**Macroscopic** [1240, 461]. **Magnetic** [1295, 1301, 444, 1093, 486, 1152, 606, 1272, 189, 308, 1388, 1116, 663, 146, 165, 1233, 903]. **Magnetic-Monopole** [1116]. **Magnetization** [1272, 143]. **Magnetoelastic** [95]. **Magnetogasdynamics** [829]. **Magnetostatic** [661]. **Majorana** [1135]. **Majorization** [415]. **Manifestly** [509]. **Manifolds** [362]. **Many** [1032, 876, 1179, 842, 1151, 107, 1217, 48, 855, 299, 1115, 49, 155, 822, 491, 614, 164, 42, 374, 54, 1357, 1035, 1412, 1416, 861, 877, 1339]. **Many-Body** [107, 855, 49, 822, 164, 54, 1357, 1412, 1416]. **Many-Boson** [1032, 1217, 48, 1035]. **Many-Channel** [842]. **Many-Fermion** [876, 491, 614, 42, 861, 877, 1339]. **Many-Neighbored** [1151]. **Many-Particle** [1179, 299, 1115, 155, 374]. **Mappings** [955]. **Marchenko**

[834]. **Markovian** [419]. **Mass**  
 [634, 743, 156, 320, 388, 700, 101, 102, 103, 513, 1055, 351, 5, 84, 263, 112,  
 158, 701, 865, 110, 1150, 315, 1234, 1390, 1237, 923]. **Masses** [733]. **Massive**  
 [126, 380, 1215, 1078, 1366]. **Massless** [1283, 761, 879, 253]. **Master** [1130].  
**Matched** [653]. **Materials** [1389, 1388, 1434]. **Math** [1437]. **Mathematical**  
 [324, 116, 274, 46, 712, 111]. **Matrices**  
 [35, 186, 1297, 1226, 1050, 36, 37, 187, 53, 628, 629, 1085, 598, 1376, 1289, 91,  
 804, 1007, 309, 1399, 1400, 357, 675, 1351, 1264, 1223, 570]. **Matrix**  
 [1380, 796, 681, 294, 1134, 1319, 152, 842, 94, 643, 768, 368, 570, 1242, 420,  
 346, 981, 1364, 85, 533, 101, 102, 103, 395, 776, 227, 204, 1291, 305, 823, 1058,  
 452, 467, 1139, 1232, 844, 746, 765, 659, 1214, 538, 841, 6, 174, 217, 1263, 982,  
 289, 361, 1402, 258, 786, 410, 1193, 1202, 1203, 1018, 1144, 1133, 925].  
**Matrix-Valued** [1058]. **Matter** [417, 595, 704, 947, 160, 72, 360, 259, 317].  
**Matthews** [1411]. **Maximal** [579, 1163]. **Maximum** [1090]. **Maxwell**  
 [766, 1343, 1363, 551, 1333, 1087, 278, 159, 672, 260]. **Mayer** [366]. **Mean**  
 [463, 1008, 741, 1195]. **Means** [680, 1054, 617, 151]. **Measure** [955, 1251].  
**Measure-Preserving** [955]. **Measure-Theoretical** [1251]. **Measurement**  
 [439, 32]. **Mechanical** [131, 169, 387, 91, 154, 398, 130, 518, 1276, 942, 962].  
**Mechanics**  
 [950, 149, 589, 1220, 1063, 814, 366, 345, 208, 505, 446, 980, 48, 843, 509, 65,  
 699, 1265, 787, 590, 940, 1004, 188, 779, 809, 717, 721, 58, 755, 770, 573, 543,  
 574, 696, 1418, 1008, 871, 729, 111, 402, 1195, 691, 910, 1005, 405, 406, 477,  
 443, 764, 757, 359, 1131, 459, 234, 977, 1336, 1155, 1428, 1219, 1073]. **Media**  
 [767, 859, 1365, 1245, 1128, 529, 1099, 684, 893, 517, 235]. **Medium**  
 [593, 1279, 350, 140, 830, 773, 627, 1383, 781]. **Meromorphy** [269].  
**Mesodynamics** [314]. **Meson** [1060, 440, 549, 845, 97, 1215].  
**Meson-Baryon** [97]. **Method** [341, 294, 1391, 767, 1358, 821, 169, 387, 1242,  
 298, 321, 566, 590, 489, 1210, 1022, 696, 21, 864, 822, 1059, 555, 844, 575, 371,  
 282, 655, 991, 252, 885, 846, 764, 667, 985, 1302, 316, 261, 962]. **Methods**  
 [984, 1355, 1379, 9, 276, 652, 537, 307, 93, 2, 175, 46, 712, 1219]. **Metric**  
 [579, 733, 973, 338, 242, 348, 622, 110, 109, 129]. **Metrical** [306]. **Metrics**  
 [416, 839, 1285, 1033, 411]. **Metzner** [378, 441, 762]. **Microcanonical** [188].  
**Microcausality** [63]. **Microscopic** [581, 1105]. **Microwave** [14]. **Mills**  
 [810]. **Minimal** [634, 545]. **Minimum** [901, 183, 1091]. **Minkowski**  
 [98, 895, 288]. **Mirror** [832]. **Miscellanea** [524]. **Mixed**  
 [600, 1221, 612, 1313]. **Mixed-Shell** [1221]. **Mixing** [191]. **Mixture**  
 [463, 556]. **Möbius** [150]. **Mode** [1186]. **Model**  
 [589, 123, 591, 1287, 68, 920, 440, 549, 994, 640, 1297, 1293, 528, 1077, 1175,  
 384, 419, 50, 507, 383, 340, 214, 725, 1261, 1375, 1397, 966, 1180, 609, 1298,  
 247, 1081, 216, 1307, 1272, 1123, 455, 311, 1034, 1352, 61, 1035, 285, 891, 985,  
 330, 89, 1137, 147, 409, 563, 1125, 191, 856, 40, 331, 337, 181, 333, 890, 999,  
 259, 317, 237, 410, 1048, 1073, 938, 1109, 1110]. **Models**  
 [937, 584, 550, 918, 487, 1127, 1216, 97, 1303, 323]. **Moderately** [385].  
**Modes** [470, 26, 621]. **Modification** [589, 79, 1052]. **Modified** [927, 1081].

**Modulated** [1093]. **Modulation** [1391, 1302]. **Moduli** [6, 174]. **Modulus** [1389, 1434]. **Molecular** [738, 739]. **Molecules** [805, 1201]. **Moment** [165]. **Momenta** [178, 745]. **Moments** [748, 325]. **Momentum** [1191, 973, 1001, 273, 1395, 118, 182, 779, 794, 1259, 244, 105, 1, 5, 83, 84, 263, 112, 158, 518, 793, 498, 792, 849, 217, 775, 1189]. **Momentum-Space** [244]. **Momentum-Transfer** [182]. **Monomer** [302]. **Monopole** [1116]. **Monopoles** [1152]. **Moshinsky** [546, 292]. **Most** [397, 789]. **Motion** [1301, 889, 445, 1093, 106, 192, 1282, 491, 45, 1423, 443, 619, 433, 1017, 1006]. **Motions** [637, 382, 565]. **Mott** [903]. **Moving** [593, 859, 1279, 1128, 529, 1099, 418, 688, 627]. **Multichannel** [1077, 1175]. **Multicomponent** [47]. **Multidimensional** [240]. **Multigroup** [1421]. **Multimode** [317]. **Multiparticle** [8, 1251]. **Multiple** [1097, 623, 1222, 1193]. **Multiplicative** [1365, 326]. **Multiplicity** [1168, 726, 1075, 615, 824, 1406]. **Multipliers** [787]. **Multipole** [94, 748, 547, 347, 1283, 325]. **Multipoles** [682, 418]. **Multiregion** [310].

**n** [503, 189, 629]. **Nakanishi** [190]. **Narrow** [1098]. **Natural** [1052]. **Nature** [228, 888]. **Near** [759, 1260]. **Near-Steady** [759]. **Nearest** [1261, 1305, 1306, 1159, 1007]. **Nearest-Neighbor** [1007]. **Nearly** [799, 1042]. **Necessary** [81, 1419, 816, 660]. **Negative** [1029, 1185]. **Neighbor** [1293, 1261, 1305, 1306, 1159, 1007]. **Neighbored** [1151]. **Nelson** [1154]. **Neumann** [111]. **Neutrinos** [935, 167, 125]. **Neutron** [294, 684, 751, 555, 251, 808, 1362, 1100, 1101, 1244]. **Neutron-Transport** [555]. **Neutrons** [1169]. **Newman** [818, 1349]. **News** [432]. **Newton** [438, 986]. **Next** [1261, 1305, 1306, 1159]. **Next-Nearest-Neighbor** [1261, 1305, 1306, 1159]. **No** [1040]. **Noether** [668]. **Non** [588, 419, 100, 394, 574, 305, 664, 525, 800]. **Non-Equilibrium** [574]. **Non-Fredholm** [305]. **Non-Hermitian** [800]. **Non-Hilbert-Space** [525]. **Non-Landau** [100]. **Non-Markovian** [419]. **Non-Semisimple** [394]. **Non-uniform** [664]. **Non-Usual** [588]. **Nonanalytic** [699]. **Noncanonical** [1253, 1248]. **Noncommuting** [248]. **Noncompact** [369, 1075, 514, 911, 497, 521, 1399, 1400, 1354]. **Nondegenerate** [544]. **Nondispersive** [627]. **Nonequilibrium** [980, 590, 724, 1004, 122, 692]. **Nonexistence** [520, 961]. **Nonhomogeneous** [767, 23, 400]. **Nonideal** [829]. **Noninteracting** [735]. **Noninvariant** [872]. **Nonlinear** [1120, 1391, 821, 1104, 1119, 1365, 854, 1258, 297, 390, 734, 889, 424, 1176, 1016, 1177, 785, 1346, 1034, 161, 519, 520, 619, 852, 989, 961, 988, 1281, 1302, 316]. **Nonlocal** [222, 929, 1430]. **Nonorthogonal** [1353, 1433]. **Nonperiodic** [1224]. **Nonradiative** [184]. **Nonrandom** [1007]. **Nonrelativistic** [593, 628, 534, 956, 203, 456, 763, 812, 780, 1103, 202]. **Nonrenormalizable** [265, 266, 422]. **Nonsaturation** [1236]. **Nonuniform** [1186, 373]. **Nonuniqueness** [1098]. **Nonunitary** [1134, 376]. **Nonzero** [320, 5, 84, 1272, 158, 701]. **Nordsieck** [337]. **Normal** [1180, 466, 371]. **Note** [412, 1063, 1401, 733, 935, 100, 571, 3, 436, 1153, 1059, 119, 250, 885, 233, 109,



378, 69, 434]. **Nucleon** [827, 168]. **Null** [632, 731, 637, 1067, 811, 495, 690, 996, 672, 260]. **Number** [631, 463, 13, 901, 868, 1275, 749, 1091]. **Number-Phase** [901]. **Numerical** [305, 1384, 913, 483].

**Obeying** [121]. **Object** [171, 914]. **Oblique** [235]. **Observables** [1404, 643, 779, 809, 1249, 1366]. **Observations** [521, 237]. **Obstacles** [261]. **Obtained** [766, 72]. **Obtaining** [864, 575, 991]. **Occupation** [858, 1076]. **Odd** [218, 1284]. **ODLRO** [881, 902]. **Off** [133, 662, 1133]. **Off-Diagonal** [133]. **Off-Energy-Shell** [662]. **Old** [1087]. **On-Mass-Shell** [101, 102, 103]. **One** [1350, 1415, 1414, 1119, 1099, 596, 391, 873, 880, 1038, 227, 651, 652, 788, 140, 654, 582, 425, 858, 492, 52, 280, 1076, 1417, 310, 1146, 232, 723, 1368, 254, 816, 747, 1142, 27, 1330, 563, 861, 890, 1274, 1100, 1101, 1172]. **One-** [1119, 1099, 1038]. **One-Dimensional** [1350, 1415, 596, 391, 880, 651, 788, 582, 425, 858, 1076, 1417, 1146, 232, 723, 1142, 1330, 563, 861, 1274]. **One-Loop** [254]. **One-Parameter** [492]. **One-Particle** [227, 652, 1172]. **One-Speed** [873, 140, 654, 310, 1100, 1101]. **Onsager** [9, 276]. **Onset** [902]. **Open** [980]. **Operational** [2, 175]. **Operations** [863]. **Operator** [1280, 94, 1083, 57, 566, 693, 92, 313, 379, 217, 577, 168, 258, 949]. **Operators** [131, 239, 503, 634, 318, 12, 1280, 296, 1001, 1054, 718, 936, 952, 555, 248, 1387, 1386, 1009, 279, 946, 556, 87, 74, 658, 710, 172, 518, 329, 1276, 386, 286, 676, 786, 981]. **Optical** [806, 1080, 1143, 900, 281, 774, 375]. **Orbit** [1021, 1040, 1095]. **Orbitals** [788, 336, 335]. **Orbits** [888, 308, 43]. **Order** [39, 1132, 223, 959, 113, 883, 133, 64, 395, 226, 449, 115, 614, 693, 400, 774, 310, 356, 1049, 803, 1227, 409, 712, 1201]. **Ordered** [1011]. **Ordering** [371, 689, 465, 478, 1046, 903, 924]. **Orders** [1183]. **Ordinary** [803]. **Orear** [948, 1252]. **Oriented** [1141]. **Origin** [874, 620]. **Ornstein** [970]. **Orthochronous** [657]. **Orthogonal** [250, 710, 1030, 786, 1267]. **Orthogonality** [515]. **Orthogonally** [1156]. **Orthonormal** [1001]. **Oscillating** [330]. **Oscillations** [26, 778]. **Oscillator** [1387, 1318, 1177, 1377, 316, 938]. **Oscillators** [240, 65, 553, 25, 1111, 231]. **Other** [909, 1166, 524]. **Outer** [726]. **Overcomplete** [1353, 1433]. **Overlap** [681, 335, 1090].

**Packet** [447]. **Packets** [608, 490, 73]. **Padé** [269, 758, 866, 610, 1238, 1367]. **Pair** [341, 953, 880, 302, 1326]. **Pair-Correlation** [1326]. **Pairing** [128]. **Pairing-Force** [128]. **Pairs** [652]. **Pais** [29]. **paper** [1436, 1435]. **Para** [64]. **Para-Bose** [64]. **Para-Fermi** [64]. **Parallel** [146]. **Paramagnetic** [516]. **Parameter** [492, 1009, 676]. **Parameters** [874, 506, 383]. **Parasiuk** [698]. **Parentage** [1188]. **Parity** [503]. **Part** [583, 865]. **Partial** [500, 828, 633, 15, 1233, 797, 1315, 599, 1292, 1197, 610]. **Partial-Wave** [633, 797, 1292, 1197, 610]. **Partially** [1154]. **Particle** [469, 1301, 1179, 391, 889, 67, 210, 1093, 928, 299, 106, 1364, 1115, 1397, 227, 652, 735, 155, 888, 1326, 1139, 202, 203, 537, 1318, 1413, 374, 617, 109, 960,

311, 783, 816, 727, 146, 870, 43, 861, 236, 1189, 1149, 942, 1172, 658].  
**Particle-Hole** [1364]. **Particlelike** [734, 1034, 161, 519, 852, 989, 988].  
**Particles**  
[951, 1381, 1204, 388, 631, 740, 508, 1283, 1316, 860, 1378, 1420, 351, 741, 263,  
112, 158, 61, 380, 1412, 165, 976, 287, 288, 257, 1078, 1366, 1096, 1233, 1436].  
**Partition** [268, 1344, 181, 1109]. **partitioning** [1408]. **Parts**  
[230, 164, 476, 459]. **Passage** [326, 1229]. **Path** [1424, 554, 982].  
**Path-Integral** [982]. **patterns** [1163]. **Pauli** [1038, 114]. **Peculiarities**  
[645]. **Penetrable** [261]. **Penetration** [294, 969]. **Penrose** [818, 398, 1349].  
**Peratization** [132, 531, 687, 119, 524]. **Percolation** [463]. **Periodic**  
[215, 1301, 799, 520, 1309, 1042]. **Permeability** [350, 781]. **Permutation**  
[357]. **Permutation-Algebraic** [357]. **Permutational** [675].  
**Perpendicular** [1081]. **Perturbation**  
[341, 1391, 502, 1183, 932, 855, 82, 206, 225, 1356, 751, 1304, 912, 544, 173,  
1176, 14, 252, 1412, 1302, 261, 1339, 1408, 925]. **Perturbations**  
[1258, 699, 1224, 1268]. **Perturbed** [907]. **Petit** [543]. **Petrov** [1145].  
**Pfaffian** [9, 276]. **Phase**  
[1380, 990, 874, 635, 1132, 363, 754, 550, 383, 794, 1259, 228, 901, 277, 511, 246,  
60, 202, 203, 1307, 902, 618, 777, 443, 805, 1426, 1330, 1164, 1125, 333, 780].  
**Phase-Integral** [794, 1259]. **Phase-Space** [635, 363, 246, 60, 1164]. **Phases**  
[213]. **Phenomena** [970]. **Phenomenological** [663]. **Phonon** [414, 922].  
**Phonons** [542]. **Photon** [898, 375, 38]. **photosynthetic** [1229]. **Phys** [1437].  
**Physical** [1341, 1179, 275, 1139, 1413, 374, 749, 1193, 1202, 1203].  
**Physical-Region** [1179]. **Physics** [469, 324, 457, 913, 676]. **Picture** [1265].  
**Pion** [220]. **Pion-Pion** [220]. **Planar** [487, 24]. **Planck** [77, 648, 1177, 577].  
**Plane**  
[909, 273, 1169, 1356, 830, 310, 282, 655, 146, 792, 665, 1383, 235, 1369, 1141].  
**Plane-Fronted** [909]. **Plane-Symmetric** [1369]. **Plane-Wave** [1169].  
**Planes** [688]. **Plasma** [75, 1245, 854, 953, 664, 899, 536, 1162, 778, 1147, 969,  
576, 759, 878, 1117, 1309, 235, 1222]. **Plasmas**  
[1132, 1184, 345, 14, 45, 2, 175]. **Platelets** [428]. **Plethysm** [995]. **Plus** [578].  
**Poincaré**  
[1237, 320, 388, 1025, 884, 644, 1211, 1398, 1121, 923, 1062, 958, 80, 1078].  
**Poincaré-group** [958]. **Point** [926, 1293, 339, 684, 572, 82, 23, 244, 688, 782,  
1248, 400, 1116, 1390, 1048, 1339, 1198]. **Point-Coupling** [1048].  
**Point-Loop** [572]. **Points** [62]. **Poisson** [1120]. **Polar** [1311]. **Polarizable**  
[781]. **Polarization** [1315]. **Polarized** [862]. **Pole** [1094]. **Poles**  
[221, 420, 395, 56, 355, 191, 1402]. **Polycrystalline** [1247]. **Polymer**  
[714, 913]. **Polynomial** [868, 408, 142, 437, 941, 1267]. **Polynomials**  
[1319, 1341, 423, 1384, 250, 258]. **Populations** [1309]. **Portions** [749].  
**Position** [12, 155]. **Positive** [388, 988, 749]. **Positive-** [749].  
**Positive-Definite** [988]. **Positronium** [69]. **Possess** [28, 136]. **Possessing**  
[839]. **Possibility** [179]. **Possible** [1069, 1322, 1396, 377, 977]. **Postulate**  
[442, 1294]. **Potential** [138, 264, 99, 76, 28, 136, 990, 874, 222, 926, 842, 814,

815, 602, 1102, 1405, 531, 85, 321, 566, 1072, 948, 1252, 1209, 164, 838, 1071, 52, 280, 78, 104, 1310, 1275, 459, 168]. **Potential-Correlation** [814].

**Potentials**  
 [587, 957, 224, 987, 927, 169, 387, 1217, 420, 831, 687, 187, 277, 1321, 545, 1173, 892, 496, 777, 1288, 522, 458, 1021, 524, 848, 1194, 459, 673, 1337, 1018].

**Power** [62, 1319]. **Powers** [218, 186, 1212]. **Prediction** [640]. **Presence** [1279, 1083]. **Present** [1293]. **Preserving** [131, 955]. **Pressure** [704].

**Pressure-Free** [704]. **Primitive** [877]. **Principle** [1327, 1265, 194, 851, 707, 1090, 1091, 137, 555, 1266, 729, 567, 165, 166, 287, 1131, 95, 1052].

**Principles** [578, 68, 603, 808, 1039, 661, 332]. **Probability**  
 [714, 899, 385, 461]. **Problem** [293, 613, 784, 1126, 99, 697, 219, 743, 1414, 807, 983, 754, 1217, 1242, 716, 1185, 1356, 651, 9, 304, 276, 1107, 534, 936, 822, 1075, 804, 140, 306, 612, 778, 844, 1159, 59, 372, 373, 1173, 745, 618, 1368, 1309, 458, 667, 976, 1393, 1053, 1186, 1149, 962]. **Problems**  
 [1120, 767, 821, 1104, 1119, 756, 169, 387, 116, 515, 1176, 991, 252, 785, 808, 1360, 1021, 1281, 1166, 1383, 1006, 1155, 1428, 1100, 1101]. **Proca** [500].

**Proca-Type** [500]. **Procedure** [275, 116]. **Process** [88]. **Processes**  
 [463, 182, 1092, 1413, 374, 326, 820]. **Produced** [777]. **Product**  
 [412, 503, 901, 1321, 370, 90, 200, 1044, 1426, 1286, 938].

**Product-Integration** [1321]. **Production** [66]. **Products**  
 [678, 1011, 959, 489, 301, 1085, 823, 1071, 1312]. **Projected** [105].

**Projection** [217, 1231, 1040]. **Projective** [504, 162]. **Prolate** [936].

**Prolate-Spheroidal** [936]. **Proof** [66, 190, 583, 1294, 853, 1118, 183, 144].

**Propagation** [767, 1245, 1169, 530, 1058, 830, 665, 1166, 360]. **Propagator**  
 [1114, 922]. **Propagators** [342, 907, 230]. **Proper** [26, 657, 355]. **Properties**  
 [211, 796, 921, 807, 1240, 1367, 596, 344, 639, 987, 959, 831, 1018, 473, 929, 1430, 8, 244, 535, 1340, 952, 912, 582, 189, 1146, 1388, 352, 1247, 385, 692, 1218, 1353, 1433, 1142, 522, 458, 848, 812, 381, 1110, 1193]. **Property**  
 [37, 1213, 78]. **Propositions** [1046]. **Pseudo** [1030]. **Pseudo-Orthogonal**  
 [1030]. **Pseudo-Unitary** [1030]. **Pseudolimits** [1328]. **Pseudonull** [1067].

**Pulses** [1356].

**Quadratic** [843, 1340, 1266]. **Quadrature** [307]. **Quadrupole** [256].

**Quantities** [1205, 1333, 106, 32, 1349]. **Quantization**  
 [219, 472, 1331, 936, 1317, 967]. **Quantized** [271]. **Quantum**  
 [18, 34, 290, 291, 66, 950, 131, 12, 241, 156, 1132, 442, 271, 345, 953, 446, 169, 387, 48, 509, 699, 121, 243, 904, 36, 37, 187, 769, 188, 779, 809, 300, 58, 1342, 227, 228, 1064, 1127, 1216, 696, 735, 148, 534, 91, 1418, 1008, 154, 871, 956, 1386, 1111, 1318, 398, 283, 492, 111, 189, 896, 47, 402, 1195, 456, 763, 117, 129, 405, 406, 477, 525, 130, 443, 518, 63, 961, 1276, 1377, 1053, 982, 331, 897, 434, 1046, 381, 73, 676, 1196, 977, 942, 1336, 1155, 1428, 1073, 962, 313].

**Quantum-Coulomb** [1132]. **Quantum-Ergodic** [1053].

**Quantum-Mechanical** [131, 91, 398, 518, 1276, 942, 962].

**Quantum-Statistical** [1418, 1008, 982]. **Quantumelectrodynamics** [230].

**Quasi** [553, 652]. **Quasi-Classical** [553]. **Quasi-Spin** [652]. **Quasibinomial** [1028, 1029]. **Quasiparticle** [1409, 1239, 1091]. **Quasistatic** [1115]. **Quaternionian** [309]. **Quaternion** [53]. **Quaternionic** [622].

**r** [264, 1422]. **Racah** [205]. **Radial** [796, 389, 81, 771, 660]. **Radiating** [997].

**Radiation**

[731, 593, 1279, 241, 875, 510, 893, 931, 512, 688, 1074, 160, 862, 719, 259, 317].

**Radiationless** [807]. **Radiative** [523, 1088]. **Radius** [502, 714]. **Rainbow**

[1158]. **Raise** [87]. **Raising** [710, 786]. **Random**

[35, 1063, 463, 1050, 1026, 350, 830, 1007, 30, 1229, 620]. **Randomly** [1141].

**Range**

[1269, 420, 1396, 1395, 133, 1316, 1303, 1382, 164, 1218, 827, 1137, 459, 944].

**Rank** [96]. **Rates** [611]. **Ray**

[294, 503, 592, 1187, 1228, 376, 51, 428, 604, 1141]. **Rays** [334]. **Reactions**

[827]. **Reactor** [722]. **Real** [932, 53, 649, 1304, 309, 207]. **Real-Time**

[932, 1304]. **Realization** [802, 1208, 958]. **Realizations** [691, 312, 833, 1012].

**Rearrangements** [877]. **Reciprocity** [1327, 166, 287, 1189]. **Recoupling**

[322, 558]. **Rectangular** [939, 9, 1100]. **Recurrences** [532]. **Recursion**

[199, 768]. **Recursive** [694]. **Reduced**

[36, 37, 187, 721, 1171, 598, 1376, 804, 675, 1351, 135, 695]. **Reduced-Width**

[135, 695]. **Reducibility** [1174]. **Reducible** [657, 492, 1121]. **Reducing**

[1085]. **Reduction** [29, 762, 984, 1355, 1379, 176, 177, 301, 1055, 1130, 657,

701, 1121, 865, 911, 200, 254]. **reductions** [1254]. **Refinements** [144].

**Reflection** [832, 1157, 1117]. **Refractive** [781]. **Regge**

[633, 221, 532, 1094, 212, 191, 856]. **Regge-Pole** [1094]. **Reggeon** [255].

**Region** [1179, 338, 209, 275, 749, 1193, 1202, 1203]. **Regions** [269, 1413, 374].

**Regular** [834, 823]. **Regularization** [698, 338, 687, 897]. **Regularized** [572].

**Rejuvenates** [330]. **Related** [504, 1348, 548, 1184, 864, 351, 201]. **Relating**

[179]. **Relation** [240, 633, 726, 628, 9, 276, 1340, 793, 772, 624]. **Relations**

[1380, 578, 131, 199, 720, 583, 768, 715, 1342, 370, 654, 515, 404, 479].

**Relationship** [542, 615]. **Relationships** [908, 1164]. **Relativistic**

[18, 34, 290, 291, 501, 1003, 828, 697, 753, 295, 807, 506, 210, 417, 839, 599, 509,

106, 85, 474, 322, 192, 717, 721, 875, 1092, 628, 770, 573, 323, 1378, 1420, 155,

888, 778, 1147, 1116, 158, 701, 865, 1117, 1049, 61, 1277, 539, 1048, 1078, 1366].

**Relativity** [1325, 219, 19, 1205, 416, 1082, 736, 392, 748, 704, 837, 242, 646,

915, 1086, 986, 1213, 997, 706, 1266, 895, 284, 996, 1346]. **Relaxation** [576].

**Relevant** [113]. **Remark** [145, 1307, 492]. **Remarkable** [1016]. **Remarks**

[717, 721, 228, 1371, 1372, 888, 1010, 499, 775]. **Renormalizability** [342].

**Renormalizable** [265, 266]. **Renormalization**

[1335, 68, 698, 920, 572, 1419, 1214, 1045, 410]. **Renormalized** [716].

**Representability** [1376, 804, 1223]. **Representation** [951, 1427, 504, 633,

594, 388, 1108, 631, 48, 715, 348, 1345, 1370, 1273, 823, 1289, 17, 1130, 575,

279, 1385, 1308, 93, 791, 212, 217, 1390, 565, 1006, 1237, 1254].

**Representations**

[70, 1029, 886, 239, 504, 503, 592, 965, 441, 762, 1112, 1129, 638, 998, 906, 1241, 600, 984, 1355, 1379, 883, 1243, 394, 145, 647, 489, 176, 177, 301, 1228, 1019, 17, 91, 370, 1059, 1340, 90, 761, 730, 514, 1, 5, 83, 84, 657, 1248, 1398, 746, 493, 494, 556, 1174, 701, 865, 354, 825, 869, 911, 1246, 376, 622, 789, 200, 134, 497, 727, 44, 427, 163, 162, 933, 711, 666, 857, 1135, 196, 236, 539, 624, 1020, 786, 1267, 790, 1070, 362, 1028, 1148, 981, 1211, 938, 1121, 923, 1062, 1015, 1354, 1342].

**Representing** [1220]. **Repulsion** [1316]. **Repulsive** [1217, 788, 777, 1274, 387, 52]. **Requirement** [854]. **Requirements** [1061, 795]. **Residual** [454]. **Resistive** [625]. **Resolvent** [840]. **Resolvents** [473]. **Resonance** [1098, 765]. **Resonances** [1060]. **Resonant** [316]. **respect** [176, 177]. **Respective** [1129]. **Response** [542, 1115]. **Rest** [320, 388, 1150]. **Restricted** [1257, 1398, 789, 711]. **Restriction** [1168, 816]. **result** [1154]. **Resulting** [338]. **Results** [855, 1332, 800, 1026]. **Retarded** [1079]. **Reversal** [1284, 1118]. **Rideau** [555]. **Riemann** [1213, 1230]. **Riemannian** [864, 430, 431]. **Right** [1299]. **Right-Angle** [1299]. **Rigid** [382]. **Rigorous** [1332, 278, 1026]. **Ring** [1322, 345, 142, 437, 256]. **Ring-Current** [256]. **Riseman** [1323]. **Robertson** [1277]. **Robinson** [571]. **Rod** [880]. **Rods** [49, 428]. **Role** [442, 566]. **Root** [564]. **Rosenbaum** [1401, 1153]. **Rotating** [733, 110, 561, 20]. **Rotation** [70, 993, 1112, 369, 1019, 514, 134, 833, 497, 258, 1020]. **Rotational** [22, 172, 1002]. **Rotationally** [216]. **Rotationally-Symmetric** [216]. **Rotations** [250]. **Roussopoulos** [555]. **Ruelle** [760]. **Rule** [551, 1118]. **Rules** [1098, 413, 1083, 544, 607, 857, 198, 1103]. **Runge** [626]. **Rys** [455].

**S** [842, 420, 16, 452, 841, 379]. **Sachs** [378]. **Salam** [1411]. **Salpeter** [1403, 697, 1161, 535, 1055, 1209, 355, 476, 380, 849]. **Sample** [32]. **Saturated** [95]. **Saturation** [1098]. **Scalar** [440, 549, 914, 983, 1067, 997, 17, 879, 1044, 22, 172, 126, 328, 836, 1262, 161, 989, 988, 331]. **Scalar-Tensor** [983, 997]. **Scalars** [900, 867]. **Scattered** [433]. **Scattering** [1380, 66, 138, 264, 588, 1060, 1381, 813, 975, 99, 76, 954, 220, 1240, 1361, 914, 1296, 1179, 273, 583, 367, 987, 927, 584, 50, 855, 815, 599, 275, 447, 214, 1424, 1292, 321, 566, 608, 97, 204, 1107, 534, 1072, 948, 1252, 490, 229, 1382, 157, 1097, 879, 1071, 739, 251, 372, 352, 517, 892, 238, 878, 745, 1157, 476, 662, 1360, 61, 1218, 212, 458, 667, 1021, 51, 428, 604, 147, 1194, 760, 812, 719, 623, 1222, 673, 73, 949, 728, 1141, 1113, 934, 1158]. **Scheme** [1334, 652, 1224, 232, 457]. **Schemes** [57]. **Schrödinger** [367, 194, 303, 545, 134, 358, 1233, 1408, 934, 173, 978]. **Schwarzschild** [1033, 1324, 879]. **Schwinger** [732, 1328, 673]. **Screened** [346, 496]. **Screening** [934]. **Second** [96, 223, 1064, 115, 554, 693, 400, 1049, 712, 1201]. **Second-Order** [223, 115, 693, 400, 1049, 712, 1201]. **Second-Rank** [96]. **Secondary** [1382]. **Section** [118, 490, 1122, 51, 1194, 1437]. **Sections** [1000]. **Sector** [311, 891, 985]. **Secular** [267]. **Selection** [413, 857]. **Self** [10, 54, 1357, 1416]. **Self-Consistent** [10, 54, 1357, 1416]. **Semi** [684, 451, 140, 773]. **Semi-Infinite** [684, 451, 140, 773]. **Semiclassical** [896].

**Semiconductors** [516]. **semidirect** [938]. **semidirect-product** [938].  
**Semigroups** [722]. **semimaximal** [1163]. **Semisimple** [239, 394, 1124, 499].  
**Seniority** [652]. **Separability** [936]. **Separable** [1173]. **Separation**  
 [218, 164, 459, 1233]. **Sequences** [269]. **Series**  
 [678, 62, 502, 750, 680, 267, 4, 262, 866, 971, 1108, 569, 575, 911, 991, 403,  
 824, 1124, 460, 674, 1201, 1238, 1339, 1198, 1399, 1400, 1109]. **Set**  
 [86, 223, 659]. **Several** [56, 1303, 1058]. **Shape** [183]. **Shaped** [261]. **Shapes**  
 [540]. **Shell** [975, 1409, 101, 102, 103, 1221, 662, 46, 938, 1133]. **Shells** [1234].  
**Shift** [1325, 990, 874, 277]. **Shifts** [383, 777, 780]. **Shocks** [195]. **Short**  
 [1396, 1395, 1316, 164, 401, 621]. **Short-Range** [1396, 1395, 1316, 164].  
**Showing** [247]. **sided** [905]. **Sign** [853]. **Signals** [39]. **Simple**  
 [682, 1191, 529, 1099, 1269, 49, 1387, 164, 615, 493, 494, 1041, 401, 607, 621,  
 630, 198, 410, 978, 1203, 282]. **Simple-Cubic** [282]. **Single**  
 [1280, 842, 1326, 861]. **Single-Particle** [1326, 861]. **Singular**  
 [138, 264, 587, 957, 526, 527, 224, 987, 531, 687, 422, 1356, 277, 305, 252, 777,  
 913, 524, 848, 1194, 483, 1198]. **Singularities**  
 [1296, 100, 915, 145, 227, 452, 1248, 1094, 1339, 1203]. **Singularity**  
 [1324, 467, 879, 538, 1193, 1202, 1203]. **Sinusoidally** [1245]. **Sitter**  
 [1172, 569, 426]. **Six** [1413, 882]. **Six-Dimensional** [882]. **Six-Particle**  
 [1413]. **Sixth** [113]. **Sixth-Order** [113]. **Size** [32]. **Skew** [152].  
**Skew-Symmetric** [152]. **Slab** [813, 954, 751, 372, 373, 433, 905]. **Slater**  
 [455, 1239]. **Slit** [1374]. **Slow** [1420]. **Small** [1284, 1309, 51, 428, 604, 1141].  
**Small-Amplitude** [1309]. **Small-Angle** [51, 428, 1141]. **Smooth** [171, 709].  
**Soft** [898]. **Soft-Photon** [898]. **Solid** [994, 496]. **Solids** [681, 903]. **Soluble**  
 [640, 528, 1375, 247, 353]. **Solution** [1084, 193, 1088, 954, 440, 549, 218, 1414,  
 807, 267, 758, 1242, 487, 507, 422, 534, 305, 23, 229, 1209, 1321, 1384, 819, 844,  
 399, 42, 1000, 1167, 114, 327, 146, 358, 913, 147, 1227, 337, 316, 20, 1113, 905].  
**Solutions** [1120, 468, 835, 197, 527, 937, 1184, 1297, 734, 766, 1363, 471, 141,  
 571, 1054, 77, 1283, 1087, 751, 1253, 97, 1171, 451, 1139, 371, 616, 310, 284,  
 996, 253, 160, 159, 72, 1150, 1034, 1360, 161, 519, 520, 852, 989, 988, 1309,  
 1281, 801, 1002, 483, 1277, 1036, 1244]. **Solvable** [222, 1035]. **Solving**  
 [9, 276, 515]. **Some** [55, 921, 1348, 762, 416, 754, 839, 113, 394, 3, 436, 718,  
 1127, 1216, 97, 323, 952, 281, 946, 284, 45, 385, 1039, 521, 1218, 694, 499, 196,  
 775, 968, 1160, 411, 239, 1026]. **Source** [578, 975, 684]. **Sources**  
 [108, 575, 233]. **Space** [18, 34, 290, 291, 588, 439, 413, 1280, 635, 1156, 363,  
 343, 742, 637, 909, 224, 270, 272, 271, 641, 472, 700, 645, 1086, 647, 348, 794,  
 1259, 98, 228, 686, 303, 1221, 244, 41, 246, 1213, 1059, 60, 202, 203, 887, 231,  
 895, 746, 1000, 251, 515, 1208, 1013, 1014, 1051, 87, 1421, 254, 525, 443, 1066,  
 793, 1276, 163, 849, 287, 288, 862, 170, 1164, 257, 668, 565, 1006, 968, 1149].  
**Space-Momentum** [793]. **Spacelike** [698, 1234]. **Spaces**  
 [1407, 19, 242, 16, 864, 1074, 87, 430, 431, 1230, 382]. **Spacing** [1007].  
**Spatially** [750, 1301, 1093, 107, 918, 323]. **Special**  
 [832, 742, 748, 41, 324, 283, 895, 1013, 1014, 1051, 71, 539]. **Specialized** [659].  
**Spectra** [679, 1386, 995, 944]. **Spectral** [76, 1182, 1423, 1166, 1390].

**Spectroscopic** [811]. **Spectroscopy** [1004]. **Spectrum** [1191, 379, 1390].  
**Speed** [873, 140, 654, 310, 1100, 1101]. **Sphere** [339, 554, 1000, 1157, 1158].  
**Spheres** [997]. **Spherical**  
 [731, 975, 873, 369, 817, 450, 1278, 396, 1307, 894, 771, 999, 539, 237].  
**Spherically** [7, 1227]. **Spheroidal** [936, 411]. **Spin**  
 [11, 12, 963, 1089, 817, 488, 552, 1332, 966, 650, 652, 5, 84, 1159, 143, 263,  
 112, 158, 357, 1095, 1021, 165, 976, 1231, 1065, 826, 459, 409, 1040, 563, 1125,  
 289, 482, 890, 258, 1078, 1366, 1096, 1026]. **Spin-** [817]. **Spin-Free** [357].  
**Spin-Matrix** [258]. **Spin-Orbit** [1021, 1040, 1095]. **Spin-Weighted** [826].  
**Spinless** [1381, 979, 1073]. **Spinning** [1235, 109]. **Spinning-Particle** [109].  
**Spinor** [506, 1086, 649, 686, 1140, 72, 134, 1370]. **Spinors** [594, 744, 481].  
**Splitting** [700, 315]. **Spontaneous** [568, 143]. **Square** [451, 1209, 857, 1028].  
**Square-Well** [1209]. **Stability** [75, 595, 299, 664, 947, 561, 104, 1270]. **Stage**  
 [89]. **standard** [1121]. **Star** [464, 150, 151]. **Stark** [507]. **Stark-Effect** [507].  
**State** [697, 874, 1415, 1204, 222, 906, 740, 1217, 1364, 77, 91, 116, 1024, 1308,  
 311, 692, 1190, 1310, 1339, 1163, 1338]. **States**  
 [549, 28, 136, 67, 210, 107, 446, 383, 13, 322, 794, 1259, 1373, 901, 512, 105,  
 898, 1418, 730, 1008, 537, 475, 1056, 1057, 353, 1290, 232, 354, 1239, 783,  
 1251, 961, 757, 1275, 760, 1189, 1196, 1163, 1338]. **Static**  
 [440, 549, 640, 1297, 1077, 1175, 97, 1139, 1033]. **Static-Model** [1297].  
**Stationary** [1082, 1253, 399, 692, 961, 1033, 20]. **Statistical**  
 [950, 149, 589, 1220, 1063, 914, 814, 345, 446, 980, 843, 65, 243, 53, 590, 940,  
 1004, 188, 717, 721, 755, 543, 574, 696, 246, 1418, 1008, 729, 1247, 402, 991,  
 457, 764, 757, 1426, 27, 359, 1131, 459, 982, 234, 381, 1219]. **Statistics**  
 [1089, 121, 904, 858, 47, 454, 455, 1065]. **Steady** [77, 759]. **Steady-State**  
 [77]. **Stieltjes** [1238, 866, 713, 1037, 1160]. **Stimulated** [241]. **Stochastic**  
 [1092, 1336]. **Stokes** [506]. **Störmer** [256]. **Stratified** [1245]. **Strength**  
 [838, 1310, 1275]. **Stress** [732]. **Stress-Tensor** [732]. **Stretched** [1422].  
**Strip** [1374, 238, 1031]. **Strong** [638, 602, 1102, 1405, 1420].  
**Strong-Coupling** [1102, 1405]. **Strongly** [508, 277]. **Structure**  
 [18, 34, 290, 291, 149, 501, 1003, 319, 186, 766, 368, 570, 700, 884, 1086, 108,  
 230, 615, 922, 910, 538, 824, 1406, 481, 1193, 1202, 1203, 1163, 1338].  
**Structures** [963]. **Studies** [173]. **Study** [116, 1426, 1192]. **Sturm**  
 [1341, 723]. **Sturmian** [962]. **Subenergy** [466]. **Subgroup**  
 [176, 177, 1398, 1041, 911, 711]. **Subgroups** [1075]. **Subject** [1432, 1167].  
**Submerged** [157]. **Substitution** [832, 1422]. **Subtractions** [99].  
**Successive** [853]. **Sudarshan** [1024]. **Sufficiency** [1225]. **Sufficient**  
 [28, 136, 1270]. **Sum** [1098, 544, 282, 655, 1103]. **Summation** [15, 79, 1311].  
**Sums** [1315, 1426]. **Super** [1276]. **Superconducting** [185, 1031].  
**Superconductivity** [1394, 747]. **Superconductors** [728]. **Superfluid** [245].  
**Supermultiplet** [1334]. **Superposition** [1057]. **Superselection**  
 [1083, 1118]. **Supplementary** [911]. **Surface** [914, 183, 157, 559, 560, 1033].  
**Surface-Energy** [559, 560]. **Surfaces** [682, 297, 390, 486, 709, 749].  
**Susceptibilities** [1081]. **Susceptibility** [1335]. **Switch** [195]. **Switch-on**

[195]. **Switching** [185, 367]. **Symanzik** [285]. **symbol** [1028]. **Symbolic** [88]. **Symbols** [344, 639, 908]. **Symmetric** [835, 152, 7, 216, 1074, 354, 212, 1227, 1369, 1006, 1201, 1172]. **Symmetrical** [178]. **Symmetries** [697, 508, 1364, 179, 864, 377]. **Symmetrization** [1294]. **Symmetrized** [678, 863]. **Symmetry** [292, 546, 832, 1134, 1170, 640, 344, 639, 641, 368, 570, 597, 700, 106, 57, 1257, 98, 1213, 25, 1165, 120, 1278, 283, 492, 279, 1208, 312, 894, 675, 315, 166, 1002, 170, 257, 482, 80, 1155, 1428, 1428]. **Symplectic** [705, 1015]. **symplectic** [1354]. **System** [500, 1415, 542, 740, 48, 1115, 1282, 735, 49, 1224, 1055, 491, 1359, 42, 741, 1284, 22, 172, 1263, 168, 861, 1274, 1339, 1110]. **Systems** [951, 1134, 613, 784, 1126, 1063, 1204, 1032, 215, 107, 980, 642, 1260, 299, 809, 543, 8, 860, 864, 1326, 164, 799, 689, 47, 232, 617, 960, 816, 54, 1357, 747, 1412, 803, 1416, 459, 462, 142, 437, 236, 316, 1042, 1337, 1436, 1105, 1026, 1090, 1091].

**Tabulation** [90, 200]. **Tail** [917]. **Talmi** [25, 351]. **Tamm** [985]. **Taub** [1000]. **TCP** [1066]. **Technique** [1023, 72, 1368, 919, 1408]. **Techniques** [1140, 895]. **Telegraph** [616]. **Temperateness** [583]. **Temperature** [345, 551, 1425, 143, 40]. **Temperature-Dependent** [551]. **Temperatures** [1064, 511]. **Tensor** [678, 1295, 96, 632, 634, 732, 983, 1213, 997, 830, 895, 93, 1106, 894, 386, 863]. **Tensorial** [125]. **Tensors** [152, 594, 242, 450, 559, 560, 737]. **Terms** [732, 990, 874, 1112, 153, 1, 5, 83, 84, 1197, 1328, 1263]. **Tetrad** [637, 837]. **th** [1319]. **Their** [808, 1309, 624, 416, 1254, 496, 710]. **Theorem** [1098, 698, 296, 366, 118, 182, 943, 1178, 705, 864, 598, 1376, 491, 648, 398, 992, 403, 184, 933, 524, 334, 668, 460, 1048]. **Theorems** [541, 754, 281, 1195, 496, 847, 478, 359, 1125, 924]. **Theoretic** [950, 1205, 447]. **Theoretical** [828, 202, 1251, 1192, 410]. **Theories** [265, 266, 753, 1011, 889, 50, 383, 572, 214, 300, 101, 102, 103, 148, 216, 117, 161, 519, 520, 619, 852, 989, 961, 988, 1046]. **Theory** [18, 34, 290, 291, 66, 957, 1427, 682, 96, 921, 12, 677, 1250, 756, 937, 581, 442, 542, 876, 983, 1183, 297, 390, 935, 758, 1409, 270, 271, 1182, 1404, 754, 367, 580, 1169, 1241, 643, 1333, 855, 602, 1102, 1405, 132, 1243, 1152, 298, 1424, 85, 321, 566, 769, 547, 347, 82, 192, 422, 206, 510, 893, 1228, 722, 751, 227, 1127, 1216, 709, 204, 246, 653, 997, 155, 1289, 17, 1326, 555, 912, 325, 544, 467, 164, 278, 1139, 1318, 1429, 398, 283, 492, 231, 173, 111, 516, 1176, 1313, 326, 93, 14, 456].

**Theory** [763, 618, 1421, 167, 1034, 663, 525, 92, 313, 1352, 443, 78, 791, 63, 426, 1181, 1412, 104, 285, 287, 288, 665, 1166, 995, 826, 459, 577, 191, 856, 462, 331, 332, 480, 289, 897, 434, 672, 669, 625, 671, 877, 73, 1141, 260, 1196, 1336, 1172, 1219, 1096, 979, 1105, 1408, 1073, 934, 1345, 1370, 1100, 1101, 925, 1158].

**Thermal** [1169, 1260, 226, 225, 448, 449, 1210, 425, 1388, 621]. **Thermalization** [1362]. **Thermodynamic** [243, 685, 1110]. **Thermodynamically** [590]. **Thermodynamics** [1184, 27, 1274]. **Thin** [881, 1031]. **Third** [39, 365]. **Third-** [39]. **Those** [972]. **Three**



[218, 1414, 1112, 67, 210, 169, 387, 1185, 651, 1107, 244, 1171, 178, 203, 495, 690, 960, 311, 134, 783, 1006, 1337, 46, 712, 962, 1100, 1101]. **Three-Body** [1414, 169, 387, 651, 1107, 1006, 1337, 46, 712, 962]. **Three-Dimensional** [1112, 1185, 1171, 495, 690, 134, 1100, 1101]. **Three-Particle** [67, 210, 203, 960, 311, 783]. **Threshold** [221, 1061]. **Threshold-Behavior** [1061]. **Thresholds** [466]. **Time** [341, 593, 859, 1206, 1011, 529, 932, 547, 347, 194, 206, 722, 755, 1210, 423, 1304, 140, 1111, 1318, 1284, 1328, 385, 130, 1276, 104, 358, 1377, 627, 588, 439, 1156, 637, 270, 272, 271, 641, 700, 1118, 686, 303, 41, 1066, 287, 288, 170, 668, 1113]. **Time-Dependent** [341, 593, 859, 1206, 529, 194, 206, 1210, 140, 1111, 1318, 1377, 627, 1113]. **Time-Ordered** [1011]. **Time-Reversal** [1284, 1118]. **Timelike** [399, 812]. **times** [343, 742, 909, 1086, 1213, 1229, 968]. **Topologies** [588]. **Topology** [646, 411]. **Torsion** [472]. **Total** [631, 968]. **Trace** [154, 863]. **Traces** [946]. **Trajectories** [864]. **Trajectory** [856]. **Transfer** [294, 1395, 118, 182, 844, 827, 523, 1088]. **Transfer-Matrix** [294]. **Transform** [956, 307, 1144]. **Transformation** [500, 152, 752, 926, 58, 25, 1081, 351, 871, 1016, 263, 112, 158, 659, 429]. **Transformations** [1327, 528, 339, 106, 818, 943, 1199, 1373, 1386, 1392, 1399, 1400]. **Transforms** [1358, 680, 713, 1037, 1160]. **Transition** [23, 278, 1307, 902, 759, 357, 805, 1330, 1125, 333]. **Transitions** [1132, 550, 511]. **Transitive** [1156]. **Translation** [94, 775]. **Translational** [596, 582, 1146]. **Translations** [286]. **Transmission** [905, 975, 1157, 1117, 1142]. **Transparent** [171, 914, 1157, 1158]. **Transport** [1084, 954, 684, 873, 751, 1171, 555, 654, 251, 515, 310, 326, 32, 1421, 808, 1113, 1244, 1100, 1101]. **Transverse** [1295, 1147]. **Transversity** [1094]. **trapping** [1229]. **Trautman** [571]. **Treating** [21, 164, 252]. **Treatment** [828, 1408, 278, 202, 453]. **Tree** [1180]. **Trial** [1054]. **Triangle** [513]. **Triangular** [1287, 1329, 409]. **Trilinear** [479]. **Turbulence** [1181, 89]. **Turning** [400]. **Twistor** [586]. **Two** [62, 123, 440, 549, 1119, 1011, 1361, 1401, 1170, 343, 1099, 684, 50, 1153, 955, 608, 41, 788, 1382, 1138, 164, 1248, 1159, 1071, 1027, 960, 336, 61, 747, 1309, 27, 976, 661, 919, 1312, 459, 168, 181, 333, 1390, 235, 38, 905, 1233, 1038, 1100, 1101, 543, 236]. **Two-** [960, 1100, 1101]. **Two-Body** [608, 788, 1382, 61, 976]. **Two-Center** [1027, 336, 919, 1038]. **Two-Dimensional** [123, 1119, 1011, 1170, 1099, 955, 41, 181, 333]. **Two-Meson** [440, 549]. **Two-Nucleon** [168]. **Two-Particle** [236]. **Two-Photon** [38]. **Two-Point** [1248, 1390]. **two-sided** [905]. **Two-Variable** [1361]. **Type** [500, 293, 578, 1323, 528, 16, 1285, 283, 996, 1347, 71]. **Type-I** [71]. **Type-Null** [996].

**U** [634, 636, 600, 257]. **Uhlenbeck** [298]. **Ultraviolet** [897]. **Unbound** [353]. **Unbounded** [318]. **Uncertainty** [901]. **Uncoupling** [1383]. **Underdense**

[1222]. **Undirected** [465]. **Unequal** [351]. **Unequal-Mass** [351].  
**Uniaxially** [1279]. **Unified** [677, 388, 453, 111, 93]. **Uniform**  
[1295, 928, 1429, 2, 175, 73, 664]. **Uniformly** [1279, 688]. **Unifying** [729].  
**Unimodular** [281]. **Uniqueness** [756, 937, 77, 183, 311, 760]. **Unitarity**  
[211, 220, 907, 797, 1077, 1175, 145, 101, 102, 103, 1139, 377, 1122, 255, 1437,  
1202]. **Unitary** [292, 546, 832, 886, 503, 199, 388, 1148, 25, 1211, 761, 493,  
494, 867, 868, 825, 869, 911, 1062, 727, 44, 6, 174, 427, 1030, 711, 166, 482,  
1402, 196, 236, 790, 1070, 362]. **units** [1229]. **Universal** [569, 397]. **Universe**  
[319, 931, 308, 1347, 562, 20]. **Universes** [1079, 585, 1288]. **Upper**  
[76, 393, 173, 798, 723, 611]. **Use** [39, 962]. **Using** [1427, 1384, 1146]. **Usual**  
[588].

**V** [239, 17]. **Vacancy** [1417]. **Vacuum**  
[416, 364, 1315, 1253, 1285, 283, 996, 1239]. **Valid** [621]. **Validity**  
[502, 528, 1225]. **Value**  
[1120, 821, 1104, 1119, 756, 612, 778, 372, 373, 1176, 785, 1281]. **Valued**  
[1058]. **Values** [318, 874, 154, 385, 381]. **Vanishing** [156, 484, 1213]. **Vapor**  
[278]. **Variable** [1361, 709, 155, 1046]. **Variables**  
[48, 509, 21, 1058, 466, 1131]. **Variation** [485]. **Variational** [1120, 68, 990,  
603, 194, 598, 137, 555, 1097, 232, 808, 567, 1039, 661, 1131, 332, 95]. **Varies**  
[773]. **Various** [550, 173]. **Vector** [1060, 845, 626, 895, 87, 362, 1215].  
**Vector-Meson** [1060]. **Vectors** [1353, 1433, 564, 1163, 1338]. **Velocity**  
[1187, 831, 474, 853, 350, 1018]. **Velocity-Dependent** [831, 1018]. **Versa**  
[1005]. **Vertex** [614, 355, 79, 78]. **Vertices** [254]. **very** [422]. **Vice** [1005].  
**vicinity** [1198]. **View** [787]. **Viewpoint** [324]. **Violation** [1046]. **Virial**  
[1064, 554, 359]. **Vlasov** [854, 875, 617, 45, 104]. **Volterra** [1309]. **Volume**  
[1115, 36, 1431, 1432]. **Vries** [1016, 1017, 1200].

**Waals** [278, 551, 398]. **Walk** [620]. **Walker** [1277]. **Walks** [30, 1229]. **Wall**  
[359]. **Waller** [401, 621, 670]. **Ward** [453]. **Wave** [1391, 633, 990, 874, 1245,  
1061, 917, 366, 797, 1169, 599, 447, 1292, 1283, 608, 490, 1058, 424, 1114,  
1197, 610, 143, 238, 1049, 146, 443, 161, 827, 665, 1166, 1302, 73].  
**Wave-Packet** [447]. **Wavefield** [1278]. **Wavefunction** [848].  
**Wavefunctions** [1407, 222, 303, 701, 865, 712]. **Waveguides** [1186]. **Waves**  
[859, 1187, 15, 1128, 914, 909, 529, 1099, 474, 1356, 350, 137, 1299, 1147, 157,  
830, 879, 738, 739, 759, 282, 655, 1117, 772, 623, 781, 1222, 261, 905]. **Weak**  
[927, 1316, 851, 991, 944]. **Weak-Graph** [991]. **Weakly** [542, 785]. **Weber**  
[612]. **Wedge** [1299]. **Weight** [123, 642, 1024]. **Weighted** [603, 826].  
**Weights** [591]. **Weil** [244]. **Well** [1209]. **Weyl** [871, 956, 703, 274]. **Which**  
[591, 1002, 250, 330]. **Whose** [773, 1284]. **Wick** [423]. **Width**  
[1284, 135, 695]. **Wiener** [905, 1358, 88, 89, 1383]. **Wiggles** [551].  
**Wightman** [798]. **Wigner** [239, 636, 199, 1103, 683, 1334, 696, 908]. **Wind**  
[1180]. **Wind-Tree** [1180]. **Without** [129, 1118, 534, 399, 673]. **WKB**  
[767, 885, 1225]. **World** [364, 742, 918, 207, 426]. **Wulff** [183].

**X** [51, 428, 604, 1141]. **X-Ray** [51, 428, 604, 1141].

**Yang** [810]. **Yukawa** [892].

**Z** [587]. **Zak** [1059]. **Zernike** [970]. **Zero** [502, 1237, 388, 1055, 1307, 5, 84, 263, 112, 923, 1150, 972, 865]. **Zero-Mass** [1055, 1237, 923, 865]. **Zero-Rest-Mass** [1150]. **Zeros** [1348, 268]. **Zimmermann** [285]. **Zone** [282, 655].

## References

**Lomont:1964:RILa**

- [1] J. S. Lomont and H. E. Moses. The representations of the inhomogeneous Lorentz group in terms of an angular momentum basis. *Journal of Mathematical Physics*, 5(2):294–298, February 1964. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i2/p294\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i2/p294_s1). See errata [83].

**Silven:1964:AOM**

- [2] Saul Silven. Application of operational methods to the analysis of uniform plasmas. *Journal of Mathematical Physics*, 5(4):557–560, April 1964. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i4/p557\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i4/p557_s1). See errata [175].

**Glasser:1964:NES**

- [3] M. L. Glasser. Note on the evaluation of some Fermi integrals. *Journal of Mathematical Physics*, 5(8):1150–1152, August 1964. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i8/p1150\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i8/p1150_s1).

**Coleman:1964:CGS**

- [4] Sidney Coleman. The Clebsch–Gordan series for  $SU(3)$ . *Journal of Mathematical Physics*, 5(9):1343–1344, September 1964. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i9/p1343\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i9/p1343_s1). See erratum [262].

**Lomont:1964:RILb**

- [5] J. S. Lomont and H. E. Moses. Representations of the inhomogeneous Lorentz group in terms of an angular momentum basis: Derivation for the cases of nonzero mass and zero mass, discrete spin. *Journal of Mathematical Physics*, 5(10):1438–1457, October 1964. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i10/p1438\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i10/p1438_s1). See [84].

**Roos:1964:CUM**

- [6] Matts Roos. On the construction of a unitary matrix with elements of given moduli. *Journal of Mathematical Physics*, 5(11):1609–1611, November 1964. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v5/i11/p1609\\_s1](http://jmp.aip.org/resource/1/jmapaq/v5/i11/p1609_s1). See erratum [174].

**Bergmann:1965:SSG**

- [7] P. G. Bergmann, M. Cahen, and A. B. Komar. Spherically symmetric gravitational fields. *Journal of Mathematical Physics*, 6(1):1–5, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p1\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p1_s1).

**Hunziker:1965:CPM**

- [8] W. Hunziker. Cluster properties of multiparticle systems. *Journal of Mathematical Physics*, 6(1):6–10, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p6\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p6_s1).

**Hurst:1965:RBO**

- [9] C. A. Hurst. Relation between the Onsager and Pfaffian methods for solving the Ising problem. I. The rectangular lattice. *Journal of Mathematical Physics*, 6(1):11–18, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p11\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p11_s1).

**Fraga:1965:ISC**

- [10] Serafin Fraga. Improved self-consistent configuration interaction. *Journal of Mathematical Physics*, 6(1):18–23, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p18\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p18_s1).

**Berg:1965:CHS**

- [11] R. A. Berg. Covariant higher-spin equations. *Journal of Mathematical Physics*, 6(1):24–33, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p24\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p24_s1).

**Berg:1965:PIS**

- [12] R. A. Berg. Position and intrinsic spin operators in quantum theory. *Journal of Mathematical Physics*, 6(1):34–39, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p34\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p34_s1).

**Ghirardi:1965:NBS**

- [13] Gian Carlo Ghirardi and Alberto Rimini. On the number of bound states of a given interaction. *Journal of Mathematical Physics*, 6(1):40–44, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p40\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p40_s1).

**Nagelberg:1965:PTM**

- [14] Elliott R. Nagelberg. Perturbation theory of microwave interaction with gyroelectric plasmas. *Journal of Mathematical Physics*, 6(1):44–50, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p44\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p44_s1).

**Brysk:1965:SPW**

- [15] Henry Brysk. Summation of partial waves. *Journal of Mathematical Physics*, 6(1):51–54, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p51\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p51_s1).

**Grossmann:1965:HST**

- [16] Alexander Grossmann. Hilbert spaces of type S. *Journal of Mathematical Physics*, 6(1):54–67, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p54\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p54_s1).

**Klauder:1965:CRT**

- [17] John R. Klauder and James McKenna. Continuous-representation theory. V. Construction of a class of scalar boson field continuous representations. *Journal of Mathematical Physics*, 6(1):68–87, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p68\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p68_s1).

**Ahmavaara:1965:SSFa**

- [18] Yrjö Ahmavaara. The structure of space and the formalism of relativistic quantum theory. I. *Journal of Mathematical Physics*, 6(1):87–

93, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p87\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p87_s1).

**Brans:1965:IAG**

- [19] Carl H. Brans. Invariant approach to the geometry of spaces in general relativity. *Journal of Mathematical Physics*, 6(1):94–102, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p94\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p94_s1).

**Wright:1965:SEF**

- [20] James P. Wright. Solution of Einstein's field equations for a rotating, stationary, and dust-filled universe. *Journal of Mathematical Physics*, 6(1):103–105, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p103\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p103_s1).

**Jones:1965:MTF**

- [21] Gerald L. Jones. Method for treating fluctuation of dynamical variables. *Journal of Mathematical Physics*, 6(1):106–111, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p106\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p106_s1).

**Pease:1965:SIRa**

- [22] M. C. Pease. Scalar invariants of a rotational system in a Lie algebra. *Journal of Mathematical Physics*, 6(1):111–117, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p111\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p111_s1).

**Jordan:1965:FSN**

- [23] P. F. Jordan and P. E. Shelley. Formal solution of a nonhomogeneous differential equation with a double transition point. *Journal of Mathematical Physics*, 6(1):118–135, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p118\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p118_s1).

**Martinis:1965:CHE**

- [24] M. Martinis. Complete high-energy behavior for certain planar graphs. *Journal of Mathematical Physics*, 6(1):136–141, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p136\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p136_s1).

**Kaufman:1965:USO**

- [25] Bruria Kaufman and Cornelius Noack. Unitary symmetry of oscillators and the Talmi transformation. *Journal of Mathematical Physics*, 6(1):142–152, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p142\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p142_s1).

**Legendy:1965:EPM**

- [26] C. R. Legédy. Existence of proper modes of helicon oscillations. *Journal of Mathematical Physics*, 6(1):153–157, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p153\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p153_s1).

**Salzberg:1965:EST**

- [27] Allan M. Salzberg. Exact statistical thermodynamics of gravitational interactions in one and two dimensions. *Journal of Mathematical Physics*, 6(1):158–160, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p158\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p158_s1).

**Calogero:1965:SCAa**

- [28] Francesco Calogero. Sufficient conditions for an attractive potential to possess bound states. *Journal of Mathematical Physics*, 6(1):161–164, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p161\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p161_s1).

**Bollini:1965:RFF**

- [29] C. G. Bollini, J. J. Giambiagi, and A. González Domínguez. On the reduction formula of Feinberg and pais. *Journal of Mathematical Physics*, 6(1):165–166, January 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i1/p165\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i1/p165_s1).

**Montroll:1965:RWL**

- [30] Elliott W. Montroll and George H. Weiss. Random walks on lattices. II. *Journal of Mathematical Physics*, 6(2):167–181, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p167\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p167_s1).

**Zimmerman:1965:ACF**

- [31] Robert L. Zimmerman. Analytic continuation of a  $(l, s)$  for  $\Re l < N$ . *Journal of Mathematical Physics*, 6(2):182–192, February 1965. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p182\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p182_s1).

**Nossal:1965:EFS**

- [32] Ralph Nossal. Effects of finite sample size on the measurement of transport quantities. *Journal of Mathematical Physics*, 6(2):193–200, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p193\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p193_s1).

**Ruelle:1965:CF**

- [33] D. Ruelle. Correlation functionals. *Journal of Mathematical Physics*, 6(2):201–220, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p201\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p201_s1).

**Ahmavaara:1965:SSFb**

- [34] Yrjö Ahmavaara. The structure of space and the formalism of relativistic quantum theory. II. *Journal of Mathematical Physics*, 6(2):220–227, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p220\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p220_s1).

**Bronk:1965:EER**

- [35] Burt V. Bronk. Exponential ensemble for random matrices. *Journal of Mathematical Physics*, 6(2):228–237, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p228\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p228_s1).

**Ginibre:1965:RDMA**

- [36] Jean Ginibre. Reduced density matrices of quantum gases. I. Limit of infinite volume. *Journal of Mathematical Physics*, 6(2):238–251, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p238\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p238_s1).

**Ginibre:1965:RDMb**

- [37] Jean Ginibre. Reduced density matrices of quantum gases. II. Cluster property. *Journal of Mathematical Physics*, 6(2):252–262, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p252\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p252_s1).



**Zernik:1965:TPI**

- [38] W. Zernik and R. W. Klopfenstein. Two-photon ionization of atomic hydrogen. II. *Journal of Mathematical Physics*, 6(2):262–270, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p262\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p262_s1).

**Beran:1965:UAS**

- [39] M. Beran and P. Corson. Use of analytic signals in third- and fourth-order coherence functions. *Journal of Mathematical Physics*, 6(2):271–282, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p271\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p271_s1).

**Sykes:1965:DLT**

- [40] M. F. Sykes, J. W. Essam, and D. S. Gaunt. Derivation of low-temperature expansions for the Ising model of a ferromagnet and an antiferromagnet. *Journal of Mathematical Physics*, 6(2):283–298, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p283\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p283_s1).

**Kallen:1965:SCF**

- [41] G. Källén and J. Toll. Special class of Feynman integrals in two-dimensional space-time. *Journal of Mathematical Physics*, 6(2):299–303, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p299\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p299_s1).

**Mattis:1965:ESM**

- [42] Daniel C. Mattis and Elliott H. Lieb. Exact solution of a many-fermion system and its associated boson field. *Journal of Mathematical Physics*, 6(2):304–312, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p304\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p304_s1).

**Schindler:1965:APO**

- [43] Karl Schindler. Adiabatic particle orbits in discontinuous fields. *Journal of Mathematical Physics*, 6(2):313–321, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p313\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p313_s1).

**Redei:1965:DEU**

- [44] L. B. Redei. The Dirac equation and the unitary representations of the inhomogeneous Lorentz group. *Journal of Mathematical Physics*, 6(2):322–326, February 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i2/p322\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i2/p322_s1).

**Oberman:1965:SCL**

- [45] C. Oberman and M. Kruskal. Some constants of the linearized motion of Vlasov plasmas. *Journal of Mathematical Physics*, 6(3):327–335, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p327\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p327_s1).

**Zimering:1965:MME**

- [46] Samson Zimering. Mathematical methods for evaluating three-body interactions between closed-shell atoms or ions. *Journal of Mathematical Physics*, 6(3):336–347, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p336\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p336_s1).

**Mohling:1965:QSM**

- [47] Franz Mohling and W. T. Grandy. Quantum statistics of multicomponent systems. *Journal of Mathematical Physics*, 6(3):348–379, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p348\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p348_s1).

**Ezawa:1965:QMM**

- [48] Hiroshi Ezawa. Quantum mechanics of a many-boson system and the representation of canonical variables. *Journal of Mathematical Physics*, 6(3):380–404, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p380\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p380_s1).

**Jepsen:1965:DSM**

- [49] D. W. Jepsen. Dynamics of a simple many-body system of hard rods. *Journal of Mathematical Physics*, 6(3):405–413, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p405\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p405_s1).

**Erickson:1965:LSA**

- [50] G. W. Erickson and H. M. Fried. Lepton scattering amplitudes in two model field theories. *Journal of Mathematical Physics*, 6(3):414–423, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p414\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p414_s1).

**Schmidt:1965:AEI**

- [51] Paul W. Schmidt. Asymptotic expansion of the intensity of the small-angle X-ray scattering from cylinders of arbitrary cross section. *Journal of Mathematical Physics*, 6(3):424–431, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p424\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p424_s1).

**McGuire:1965:IFO**

- [52] J. B. McGuire. Interacting fermions in one dimension. I. Repulsive potential. *Journal of Mathematical Physics*, 6(3):432–439, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p432\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p432_s1).

**Ginibre:1965:SEC**

- [53] Jean Ginibre. Statistical ensembles of complex, quaternion, and real matrices. *Journal of Mathematical Physics*, 6(3):440–449, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p440\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p440_s1).

**Revzen:1965:SCA**

- [54] Michael Revzen. Self-consistent approximations in many-body systems. *Journal of Mathematical Physics*, 6(3):450–453, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p450\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p450_s1).

**Bailey:1965:SRD**

- [55] Paul B. Bailey and G. Milton Wing. Some recent developments in invariant imbedding with applications. *Journal of Mathematical Physics*, 6(3):453–462, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p453\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p453_s1).

**Halpern:1965:PFD**

- [56] Francis R. Halpern and William Wilson. Poles in Feynman diagrams with several loops. *Journal of Mathematical Physics*, 6(3):463–469, March

1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p463\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p463_s1).

**Gerstein:1965:CCO**

- [57] I. S. Gerstein. Construction of the charge operator for higher symmetry schemes. *Journal of Mathematical Physics*, 6(3):469–473, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p469\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p469_s1).

**Heffner:1965:THA**

- [58] H. Heffner and W. H. Louisell. Transformation having applications in quantum mechanics. *Journal of Mathematical Physics*, 6(3):474–478, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p474\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p474_s1).

**McKean:1965:IPA**

- [59] H. P. McKean, M. Schreiber, and G. H. Weiss. Isoperimetric problem with application to the figure of cells. *Journal of Mathematical Physics*, 6(3):479–484, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p479\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p479_s1).

**Krzywicki:1965:CCP**

- [60] A. Krzywicki. Calculation of certain phase-space integrals. *Journal of Mathematical Physics*, 6(3):485–487, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p485\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p485_s1).

**Redei:1965:CPR**

- [61] L. B. Redei. Composite particles in a relativistic model of two-body scattering. *Journal of Mathematical Physics*, 6(3):487–491, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p487\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p487_s1).

**Ashour:1965:FSE**

- [62] Attia A. Ashour. Fourier series expansion for the general power of the distance between two points. *Journal of Mathematical Physics*, 6(3):492–494, March 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i3/p492\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i3/p492_s1).

**Rohrlich:1965:MAQ**

- [63] F. Rohrlich and J. C. Stoddart. Microcausality in asymptotic quantum field theory. *Journal of Mathematical Physics*, 6(4):495–499, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p495\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p495_s1).

**Greenberg:1965:HOL**

- [64] O. W. Greenberg and A. M. L. Messiah. High-order limit of para-Bose and para-Fermi fields. *Journal of Mathematical Physics*, 6(4):500–504, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p500\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p500_s1).

**Ford:1965:SMA**

- [65] G. W. Ford, M. Kac, and P. Mazur. Statistical mechanics of assemblies of coupled oscillators. *Journal of Mathematical Physics*, 6(4):504–515, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p504\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p504_s1).

**Aks:1965:PSI**

- [66] Stanley Ø. Aks. Proof that scattering implies production in quantum field theory. *Journal of Mathematical Physics*, 6(4):516–532, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p516\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p516_s1).

**Dragt:1965:CTP**

- [67] A. J. Dragt. Classification of three-particle states according to  $SU_3$ . *Journal of Mathematical Physics*, 6(4):533–553, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p533\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p533_s1).

**Bloch:1965:DRV**

- [68] Claude Bloch and James S. Langer. Diagram renormalization, variational principles, and the infinite-dimensional Ising model. *Journal of Mathematical Physics*, 6(4):554–572, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p554\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p554_s1).

**Tiktopoulos:1965:NP**

- [69] George Tiktopoulos. Note on positronium. *Journal of Mathematical Physics*, 6(4):573–577, April 1965. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p573\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p573_s1).

**Alcaras:1965:ACB**

- [70] J. A. Castilho Alcarás and P. Leal Ferreira. Algebraic construction of the basis for the irreducible representations of rotation groups and for the homogeneous Lorentz group. *Journal of Mathematical Physics*, 6(4):578–583, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p578\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p578_s1).

**Trumper:1965:SCT**

- [71] Manfred Trümper. On a special class of type-I gravitational fields. *Journal of Mathematical Physics*, 6(4):584–589, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p584\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p584_s1).

**Ozsvath:1965:NHS**

- [72] István Ozsváth. New homogeneous solutions of Einstein's field equations with incoherent matter obtained by a spinor technique. *Journal of Mathematical Physics*, 6(4):590–610, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p590\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p590_s1).

**Wilcox:1965:UAE**

- [73] Calvin H. Wilcox. Uniform asymptotic estimates for wave packets in the quantum theory of scattering. *Journal of Mathematical Physics*, 6(4):611–620, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p611\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p611_s1).

**Nesbet:1965:EOI**

- [74] R. K. Nesbet. Excitation operators and intrinsic Hamiltonians. *Journal of Mathematical Physics*, 6(4):621–629, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p621\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p621_s1).

**Abraham:1965:ASP**

- [75] B. W. Abraham. Approach to stability of a plasma. *Journal of Mathematical Physics*, 6(4):630–636, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p630\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p630_s1).

**Bessis:1965:UBD**

- [76] D. Bessis. Upper bound for the double spectral function in potential scattering. *Journal of Mathematical Physics*, 6(4):637–643, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p637\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p637_s1).

**Gray:1965:USS**

- [77] A. H. Gray. Uniqueness of steady-state solutions to the Fokker-Planck equation. *Journal of Mathematical Physics*, 6(4):644–647, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p644\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p644_s1).

**Rockmore:1965:PVF**

- [78] R. Rockmore. Property of the vertex function in potential theory. *Journal of Mathematical Physics*, 6(4):648–651, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p648\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p648_s1).

**Pao:1965:VMC**

- [79] Yoh-Han Pao and H. L. Frisch. Vertex modification for Coulombic interactions by exact summation of ladder diagrams. *Journal of Mathematical Physics*, 6(4):652–655, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p652\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p652_s1).

**Tomozawa:1965:ISP**

- [80] Yukio Tomozawa. Internal symmetry and the Poincaré group. *Journal of Mathematical Physics*, 6(4):656–657, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p656\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p656_s1).

**Feenberg:1965:NCR**

- [81] Eugene Feenberg. Necessary condition on the radial distribution function. *Journal of Mathematical Physics*, 6(4):658–659, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p658\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p658_s1).

**Greenman:1965:HEB**

- [82] J. V. Greenman. High-energy behavior at fixed angle for the five-point function in perturbation theory. *Journal of Mathematical Physics*, 6(4):

660–670, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p660\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p660_s1).

**Lomont:1965:ER1a**

- [83] J. S. Lomont and H. E. Moses. Errata: “The Representations of the Inhomogeneous Lorentz Group in Terms of an Angular Momentum Basis”. *Journal of Mathematical Physics*, 6(4):670, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p670\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p670_s1). See [1].

**Lomont:1965:ER1b**

- [84] J. S. Lomont and H. E. Moses. Errata: “Representations of the Inhomogeneous Lorentz Group in Terms of an Angular Momentum Basis: Derivation for the Cases of Nonzero Mass and Zero Mass, Discrete Spin”. *Journal of Mathematical Physics*, 6(4):670, April 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i4/p670\\_s2](http://jmp.aip.org/resource/1/jmapaq/v6/i4/p670_s2). See [5].

**Gien:1965:RFL**

- [85] Tran Trong Gien. Relativistic formulation of the lifetime matrix in the potential theory of collision. *Journal of Mathematical Physics*, 6(5):671–676, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p671\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p671_s1).

**Beg:1965:SHF**

- [86] Mirza A. B. Bég and Henri Ruegg. A set of harmonic functions for the group  $SU(3)$ . *Journal of Mathematical Physics*, 6(5):677–682, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p677\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p677_s1).

**Nagel:1965:OLR**

- [87] John G. Nagel and Marcos Moshinsky. Operators that lower or raise the irreducible vector spaces of  $U_{n-1}$  contained in an irreducible vector space of  $U_n$ . *Journal of Mathematical Physics*, 6(5):682–694, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p682\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p682_s1).

**Imamura:1965:SCW**

- [88] Tsutomu Imamura, William C. Meecham, and Armand Siegel. Symbolic calculus of the Wiener process and Wiener–Hermite functionals. *Journal*



of *Mathematical Physics*, 6(5):695–706, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p695\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p695_s1).

**Siegel:1965:WHE**

- [89] Armand Siegel, Tsutomu Imamura, and William C. Meecham. Wiener–Hermite expansion in model turbulence in the late decay stage. *Journal of Mathematical Physics*, 6(5):707–721, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p707\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p707_s1).

**Kuriyan:1965:ATC**

- [90] J. G. Kuriyan, D. Lurié, and A. J. Macfarlane. Algebraic tabulation of Clebsch–Gordan coefficients of  $SU_3$  for the product  $(\lambda, \mu) \otimes (1, 1)$  of representations of  $SU_3$ . *Journal of Mathematical Physics*, 6(5):722–733, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p722\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p722_s1).

**Klauder:1965:DCS**

- [91] John R. Klauder, James McKenna, and Douglas G. Currie. On “diagonal” coherent-state representations for quantum-mechanical density matrices. *Journal of Mathematical Physics*, 6(5):734–739, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p734\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p734_s1).

**Pugh:1965:OTF**

- [92] Robert E. Pugh.  $S$ -operator theory. I. Formulation. *Journal of Mathematical Physics*, 6(5):740–746, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p740\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p740_s1).

**Mukunda:1965:TMU**

- [93] N. Mukunda and L. K. Pandit. Tensor methods and a unified representation theory of  $SU_3$ . *Journal of Mathematical Physics*, 6(5):746–765, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p746\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p746_s1).

**Danos:1965:MME**

- [94] M. Danos and L. C. Maximon. Multipole matrix elements of the translation operator. *Journal of Mathematical Physics*, 6(5):766–778, May

1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p766\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p766_s1).

**Tiersten:1965:VPS**

- [95] H. F. Tiersten. Variational principle for saturated magnetoelastic insulators. *Journal of Mathematical Physics*, 6(5):779–787, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p779\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p779_s1).

**Barnes:1965:LTS**

- [96] K. J. Barnes. Lagrangian theory for the second-rank tensor field. *Journal of Mathematical Physics*, 6(5):788–794, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p788\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p788_s1).

**Huang:1965:EBS**

- [97] Kerson Huang and Francis E. Low. Exact bootstrap solutions in some static models of meson-baryon scattering. *Journal of Mathematical Physics*, 6(5):795–816, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p795\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p795_s1).

**Hermann:1965:CMS**

- [98] Robert Hermann. Compactification of Minkowski space and SU(3) symmetry. *Journal of Mathematical Physics*, 6(5):817–819, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p817\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p817_s1).

**Bessis:1965:PSP**

- [99] D. Bessis. Problem of subtractions in potential scattering. *Journal of Mathematical Physics*, 6(5):820–824, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p820\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p820_s1).

**Federbush:1965>NNL**

- [100] Paul Federbush. Note on non-Landau singularities. *Journal of Mathematical Physics*, 6(5):825–826, May 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i5/p825\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i5/p825_s1).

**Gunson:1965:UMSa**

- [101] J. Gunson. Unitarity and on-mass-shell analyticity as a basis for  $S$ -matrix theories. I. *Journal of Mathematical Physics*, 6(6):827–844, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p827\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p827_s1).

**Gunson:1965:UMSb**

- [102] J. Gunson. Unitarity and on-mass-shell analyticity as a basis for  $S$ -matrix theories. II. *Journal of Mathematical Physics*, 6(6):845–851, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p845\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p845_s1).

**Gunson:1965:UMSc**

- [103] J. Gunson. Unitarity and on-mass-shell analyticity as a basis for  $S$ -matrix theories. III. *Journal of Mathematical Physics*, 6(6):852–858, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p852\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p852_s1).

**Saenz:1965:LTB**

- [104] Albert W. Sáenz. Long-time behavior of the electric potential and stability in the linearized Vlasov theory. *Journal of Mathematical Physics*, 6(6):859–875, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p859\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p859_s1).

**Karayianis:1965:PAM**

- [105] N. Karayianis and C. A. Morrison. Projected angular momentum states. *Journal of Mathematical Physics*, 6(6):876–879, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p876\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p876_s1).

**Fradkin:1965:CQA**

- [106] D. M. Fradkin. Conserved quantities associated with symmetry transformations of relativistic free-particle equations of motion. *Journal of Mathematical Physics*, 6(6):879–890, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p879\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p879_s1).

**Eger:1965:SIS**

- [107] M. Eger and E. P. Gross. Spatially inhomogeneous states of many-body systems. *Journal of Mathematical Physics*, 6(6):891–901, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p891\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p891_s1).

**Janis:1965:SGS**

- [108] A. I. Janis and E. T. Newman. Structure of gravitational sources. *Journal of Mathematical Physics*, 6(6):902–914, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p902\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p902_s1).

**Newman:1965:NKS**

- [109] E. T. Newman and A. I. Janis. Note on the Kerr spinning-particle metric. *Journal of Mathematical Physics*, 6(6):915–917, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p915\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p915_s1).

**Newman:1965:MRC**

- [110] E. T. Newman, E. Couch, K. Chinnapared, A. Exton, A. Prakash, and R. Torrence. Metric of a rotating, charged mass. *Journal of Mathematical Physics*, 6(6):918–919, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p918\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p918_s1).

**Marlow:1965:UDN**

- [111] A. R. Marlow. Unified Dirac–von Neumann formulation of quantum mechanics. I. Mathematical theory. *Journal of Mathematical Physics*, 6(6):919–927, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p919\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p919_s1).

**Moses:1965:TLMa**

- [112] H. E. Moses. Transformation from a linear momentum to an angular momentum basis for particles of zero mass and finite spin. *Journal of Mathematical Physics*, 6(6):928–940, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p928\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p928_s1). See erratum [263].

**Federbush:1965:CSH**

- [113] Paul Federbush. Calculation of some homology groups relevant to sixth-order Feynman diagrams. *Journal of Mathematical Physics*, 6(6):941–

954, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p941\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p941_s1).

**Pagnamenta:1965:SKP**

- [114] Antonio Pagnamenta. Solution of the Källén–Pauli equation. *Journal of Mathematical Physics*, 6(6):955–965, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p955\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p955_s1).

**Kane:1965:ISO**

- [115] J. Kane and E. R. Surynarayan. Integrals of the second-order linear differential equation. *Journal of Mathematical Physics*, 6(6):966–974, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p966\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p966_s1).

**Mandelbrojt:1965:MSC**

- [116] J. Mandelbrojt and S. Mandelbrojt. Mathematical study of the cut-off procedure for divergent integrals in bound-state problems. *Journal of Mathematical Physics*, 6(6):974–980, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p974\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p974_s1).

**Norton:1965:QFT**

- [117] Richard E. Norton. On the quantum field theories leading to the Corben equations. *Journal of Mathematical Physics*, 6(6):981–992, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p981\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p981_s1).

**Gerjuoy:1965:MTC**

- [118] E. Gerjuoy. Momentum transfer cross-section theorem. *Journal of Mathematical Physics*, 6(6):993–996, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p993\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p993_s1).

**Leader:1965:NBA**

- [119] Elliot Leader. Note on Bég’s approach to peratization. *Journal of Mathematical Physics*, 6(6):996–998, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p996\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p996_s1).

**Klink:1965:DGH**

- [120] W. H. Klink. Disconnected groups as higher symmetry groups. *Journal of Mathematical Physics*, 6(6):999–1004, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p999\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p999_s1).

**Fujita:1965:GBE**

- [121] S. Fujita. Generalized Boltzmann equation for a quantum gas obeying classical statistics. *Journal of Mathematical Physics*, 6(6):1004–1008, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p1004\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p1004_s1).

**Jones:1965:FEN**

- [122] Gerald L. Jones and Michael Davies. Fluctuations in equilibrium and nonequilibrium ensembles. *Journal of Mathematical Physics*, 6(6):1009–1014, June 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i6/p1009\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i6/p1009_s1).

**Baxter:1965:WFT**

- [123] Glen Baxter. Weight factors for the two-dimensional Ising model. *Journal of Mathematical Physics*, 6(7):1015–1021, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1015\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1015_s1).

**Kibble:1965:CLF**

- [124] T. W. B. Kibble. Conservation laws for free fields. *Journal of Mathematical Physics*, 6(7):1022–1026, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1022\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1022_s1).

**Penney:1965:TDN**

- [125] R. Penney. Tensorial description of neutrinos. *Journal of Mathematical Physics*, 6(7):1026–1028, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1026\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1026_s1).

**Penney:1965:GMS**

- [126] R. Penney. Geometrization of a massive scalar field. *Journal of Mathematical Physics*, 6(7):1029–1031, July 1965. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1029\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1029_s1).

**Penney:1965:BF**

- [127] R. Penney. Bosons and fermions. *Journal of Mathematical Physics*, 6(7):1031–1034, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1031\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1031_s1).

**Richardson:1965:EEP**

- [128] R. W. Richardson. Exact eigenstates of the pairing-force hamiltonian. II. *Journal of Mathematical Physics*, 6(7):1034–1051, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1034\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1034_s1).

**Peres:1965:QEI**

- [129] Asher Peres. Quantum electrodynamics without indefinite metric. *Journal of Mathematical Physics*, 6(7):1052–1056, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1052\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1052_s1).

**Rankin:1965:QMT**

- [130] Bayard Rankin. Quantum mechanical time. *Journal of Mathematical Physics*, 6(7):1057–1071, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1057\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1057_s1).

**Arens:1965:ADP**

- [131] Richard Arens and Donald Babbitt. Algebraic difficulties of preserving dynamical relations when forming quantum-mechanical operators. *Journal of Mathematical Physics*, 6(7):1071–1075, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1071\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1071_s1).

**Fried:1965:FEP**

- [132] H. M. Fried. Functional expansion in peratization theory. *Journal of Mathematical Physics*, 6(7):1076–1082, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1076\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1076_s1).

**Girardeau:1965:DLR**

- [133] M. D. Girardeau. Off-diagonal long-range order and generalized Bose condensation. *Journal of Mathematical Physics*, 6(7):1083–1098, July

1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1083\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1083_s1).

**Pandres:1965:SBS**

- [134] Dave Pandres. Schrödinger basis for spinor representations of the three-dimensional rotation group. *Journal of Mathematical Physics*, 6(7):1098–1102, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1098\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1098_s1).

**Ullah:1965:ARW**

- [135] Nazakat Ullah. Asymptotic reduced-width amplitude distributions. *Journal of Mathematical Physics*, 6(7):1102–1105, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1102\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1102_s1).

**Calogero:1965:SCAb**

- [136] F. Calogero. Sufficient conditions for an attractive potential to possess bound states. II. *Journal of Mathematical Physics*, 6(7):1105–1107, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1105\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1105_s1).

**Korringa:1965:VPD**

- [137] J. Korringa. Variational principle for diffraction of elastic waves. *Journal of Mathematical Physics*, 6(7):1107–1114, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1107\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1107_s1).

**Aly:1965:SSL**

- [138] H. H. Aly, Riazuddin, and A. H. Zimmerman. Scattering by singular logarithmic potential. *Journal of Mathematical Physics*, 6(7):1115–1117, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1115\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1115_s1).

**Zimmerman:1965:EFF**

- [139] Robert L. Zimmerman. Evaluation of Feynman’s functional integrals. *Journal of Mathematical Physics*, 6(7):1117–1124, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1117\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1117_s1).



**Kuscer:1965:TDO**

- [140] I. Kuscer and P. F. Zweifel. Time-dependent one-speed albedo problem for a semi-infinite medium. *Journal of Mathematical Physics*, 6(7):1125–1130, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1125\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1125_s1).

**Fikioris:1965:AES**

- [141] J. G. Fikioris. Asymptotic expansions of solutions of differential equations. *Journal of Mathematical Physics*, 6(7):1131–1148, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1131\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1131_s1).

**Taylor:1965:PSB**

- [142] J. G. Taylor. On polynomial systems in a Banach ring. *Journal of Mathematical Physics*, 6(7):1148–1151, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1148\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1148_s1). See erratum [437].

**Morita:1965:ESW**

- [143] Tohru Morita and Tomoyasu Tanaka. Effect of  $n$ -spin-wave interaction on the low-temperature spontaneous magnetization. *Journal of Mathematical Physics*, 6(7):1152–1154, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1152\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1152_s1).

**Symanzik:1965:PRI**

- [144] Kurt Symanzik. Proof and refinements of an inequality of Feynman. *Journal of Mathematical Physics*, 6(7):1155–1156, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1155\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1155_s1).

**Gilbert:1965:SAF**

- [145] R. P. Gilbert, H. C. Howard, and S. Aks. Singularities of analytic functions having integral representations, with a remark about the elastic unitarity integral. *Journal of Mathematical Physics*, 6(7):1157–1162, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1157\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1157_s1).

**Redmond:1965:SKG**

- [146] Peter J. Redmond. Solution of the Klein–Gordon and Dirac equations for a particle with a plane electromagnetic wave and a parallel magnetic field. *Journal of Mathematical Physics*, 6(7):1163–1169, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1163\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1163_s1).

**Sommerfield:1965:SIE**

- [147] Charles M. Sommerfield. Solution of the integral equation for  $V\theta$  scattering in the Lee model. *Journal of Mathematical Physics*, 6(7):1170–1172, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1170\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1170_s1).

**Jaffe:1965:AQF**

- [148] Arthur Jaffe. On the approximation of quantum field theories. *Journal of Mathematical Physics*, 6(7):1172–1178, July 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1172\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i7/p1172_s1).

**Arf:1965:ASC**

- [149] Cahit Arf, Kaya İmre, and Ercüment Özizmir. On the algebraic structure of the cluster expansion in statistical mechanics. *Journal of Mathematical Physics*, 6(8):1179–1188, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1179\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1179_s1).

**Sherman:1965:CSI**

- [150] S. Sherman. Cluster-star inversion and the Möbius formula. *Journal of Mathematical Physics*, 6(8):1189–1192, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1189\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1189_s1).

**Stell:1965:CSI**

- [151] G. Stell. Cluster-star inversion by means of generating functionals. *Journal of Mathematical Physics*, 6(8):1193–1200, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1193\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1193_s1).

**Bazanski:1965:DLT**

- [152] Stanislaw L. Bazanski. Decomposition of the Lorentz transformation matrix into skew-symmetric tensors. *Journal of Mathematical Physics*,

6(8):1201–1203, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1201\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1201_s1).

**Karayianis:1965:ATE**

- [153] N. Karayianis. Atomic terms for equivalent electrons. *Journal of Mathematical Physics*, 6(8):1204–1209, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1204\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1204_s1).

**Langerholc:1965:TFQ**

- [154] John Langerholc. Trace formalism for quantum mechanical expectation values. *Journal of Mathematical Physics*, 6(8):1210–1218, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1210\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1210_s1).

**Kerner:1965:CPV**

- [155] Edward H. Kerner. Can the position variable be a canonical coordinate in a relativistic many-particle theory? *Journal of Mathematical Physics*, 6(8):1218–1227, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1218\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1218_s1).

**Bose:1965:QEV**

- [156] S. K. Bose and S. N. Biswas. Quantum electrodynamics with vanishing bare fermion mass. *Journal of Mathematical Physics*, 6(8):1227–1230, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1227\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1227_s1).

**Levine:1965:SSW**

- [157] Harold Levine. Scattering of surface waves by a submerged circular cylinder. *Journal of Mathematical Physics*, 6(8):1231–1243, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1231\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1231_s1).

**Moses:1965:TLMb**

- [158] H. E. Moses. Transformation from a linear momentum to an angular momentum basis for relativistic particles of nonzero mass and any spin. *Journal of Mathematical Physics*, 6(8):1244–1254, August 1965. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1244\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1244_s1).

**Ozsvath:1965:HSE**

- [159] István Ozsváth. Homogeneous solutions of the Einstein–Maxwell equations. *Journal of Mathematical Physics*, 6(8):1255–1265, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1255\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1255_s1).

**Ozsvath:1965:AHS**

- [160] István Ozsváth. All homogeneous solutions of Einstein’s field equations with incoherent matter and electromagnetic radiation. *Journal of Mathematical Physics*, 6(8):1265–1268, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1265\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1265_s1).

**Rosen:1965:PSN**

- [161] Gerald Rosen. Particlelike solutions to nonlinear scalar wave theories. *Journal of Mathematical Physics*, 6(8):1269–1272, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1269\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1269_s1).

**Rudra:1965:PRF**

- [162] P. Rudra. On projective representations of finite groups. *Journal of Mathematical Physics*, 6(8):1273–1277, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1273\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1273_s1).

**Rudra:1965:IRS**

- [163] P. Rudra. On irreducible representations of space groups. *Journal of Mathematical Physics*, 6(8):1278–1282, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1278\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1278_s1).

**Lebowitz:1965:SIP**

- [164] J. L. Lebowitz, G. Stell, and S. Baer. Separation of the interaction potential into two parts in treating many-body systems. I. General theory and applications to simple fluids with short-range and long-range forces. *Journal of Mathematical Physics*, 6(8):1282–1298, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1282\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1282_s1).

**Schild:1965:FAP**

- [165] A. Schild and J. A. Schlosser. Fokker action principle for particles with charge, spin, and magnetic moment. *Journal of Mathematical Physics*, 6(8):1299–1306, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1299\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1299_s1).

**Shin:1965:BRP**

- [166] Ernest E. H. Shin. Born reciprocity principle and unitary symmetry. *Journal of Mathematical Physics*, 6(8):1307–1309, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1307\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1307_s1).

**Penney:1965:GTN**

- [167] R. Penney. Geometric theory of neutrinos. *Journal of Mathematical Physics*, 6(8):1309–1314, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1309\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1309_s1).

**Tharrats:1965:GOP**

- [168] J. Tharrats, O. Cerceau, and O. Rojo. General operator potential for the two-nucleon system. *Journal of Mathematical Physics*, 6(8):1315–1320, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1315\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1315_s1).

**Eyges:1965:IMQ**

- [169] Leonard Eyges. Improved method for quantum mechanical three-body problems. I. attractive potentials. *Journal of Mathematical Physics*, 6(8):1320–1328, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1320\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1320_s1).

**Sudarshan:1965:CST**

- [170] E. C. G. Sudarshan. Concerning space-time, symmetry groups, and charge conservation. *Journal of Mathematical Physics*, 6(8):1329–1331, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1329\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1329_s1).

**Chen:1965:DST**

- [171] Yung Ming Chen. Diffraction by a smooth transparent object. II. Diffraction by a cylindrical cavity. *Journal of Mathematical Physics*, 6(8):1332–

1333, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1332\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1332_s1).

**Pease:1965:SIRb**

- [172] M. C. Pease. Scalar invariants of a rotational system in a Lie algebra. II. Casimir operators. *Journal of Mathematical Physics*, 6(8):1334–1340, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1334\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1334_s1).

**Lowdin:1965:SPTa**

- [173] Per-Olov Löwdin. Studies in perturbation theory. IX. Connection between various approaches in the recent development-evaluation of upper bounds to energy eigenvalues in Schrödinger’s perturbation theory. *Journal of Mathematical Physics*, 6(8):1341–1353, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1341\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1341_s1).

**Roos:1965:ECU**

- [174] Matts Roos. Erratum: “On the Construction of a Unitary Matrix with Elements of Given Moduli”. *Journal of Mathematical Physics*, 6(8):1354, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1354\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1354_s1). See [6].

**Silven:1965:EAO**

- [175] Saul Silven. Errata: “Application of Operational Methods to The Analysis of Uniform Plasmas”. *Journal of Mathematical Physics*, 6(8):1354, August 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1354\\_s2](http://jmp.aip.org/resource/1/jmapaq/v6/i8/p1354_s2). See [2].

**Hagen:1965:RRRa**

- [176] C. R. Hagen and A. J. Macfarlane. Reduction of representations of  $SU_{mn}$  with respect to the subgroup  $SU_m \otimes SU_n$ . *Journal of Mathematical Physics*, 6(9):1355–1365, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1355\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1355_s1).

**Hagen:1965:RRRb**

- [177] C. R. Hagen and A. J. Macfarlane. Reduction of representations of  $SU_{m+n}$  with respect to the subgroup  $SU_m \otimes SU_n$ . *Journal of Mathe-*

*mathematical Physics*, 6(9):1366–1371, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1366\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1366_s1).

**Levy-Leblond:1965:SCT**

- [178] Jean-Marc Lévy-Leblond and Monique Lévy-Nahas. Symmetrical coupling of three angular momenta. *Journal of Mathematical Physics*, 6(9):1372–1380, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1372\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1372_s1).

**Itzykson:1965:PRI**

- [179] Claude Itzykson. On the possibility of relating internal symmetries and Lorentz invariance. *Journal of Mathematical Physics*, 6(9):1381–1386, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1381\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1381_s1).

**Szekeres:1965:GC**

- [180] P. Szekeres. The gravitational compass. *Journal of Mathematical Physics*, 6(9):1387–1391, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1387\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1387_s1).

**Thompson:1965:ADP**

- [181] Colin J. Thompson. Algebraic derivation of the partition function of a two-dimensional Ising model. *Journal of Mathematical Physics*, 6(9):1392–1395, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1392\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1392_s1).

**Gerjuoy:1965:MTT**

- [182] E. Gerjuoy. Momentum-transfer theorem for inelastic processes. *Journal of Mathematical Physics*, 6(9):1396–1402, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1396\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1396_s1).

**Johnson:1965:PUW**

- [183] Charles A. Johnson and G. D. Chakerian. On the proof and uniqueness of Wulff's construction of the shape of minimum surface free energy. *Journal of Mathematical Physics*, 6(9):1403–1404, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1403\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1403_s1).

**Papapetrou:1965:TNE**

- [184] A. Papapetrou. Theorem on nonradiative electromagnetic and gravitational fields. *Journal of Mathematical Physics*, 6(9):1405–1410, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1405\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1405_s1).

**Cohen:1965:BSS**

- [185] Hirsh Cohen and Farouk Odeh. Backward superconducting switching. *Journal of Mathematical Physics*, 6(9):1411–1424, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1411\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1411_s1).

**Coleman:1965:SFD**

- [186] A. J. Coleman. Structure of fermion density matrices. II. Antisymmetrized geminal powers. *Journal of Mathematical Physics*, 6(9):1425–1431, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1425\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1425_s1).

**Ginibre:1965:RDMc**

- [187] Jean Ginibre. Reduced density matrices of quantum gases. III. Hard-core potentials. *Journal of Mathematical Physics*, 6(9):1432–1446, September 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1432\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i9/p1432_s1).

**Griffiths:1965:MEQ**

- [188] Robert B. Griffiths. Microcanonical ensemble in quantum statistical mechanics. *Journal of Mathematical Physics*, 6(10):1447–1461, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1447\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1447_s1).

**May:1965:MPC**

- [189] Robert M. May. Magnetic properties of charged ideal quantum gases in  $n$  dimensions. *Journal of Mathematical Physics*, 6(10):1462–1468, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1462\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1462_s1).



**Boyling:1965:PNI**

- [190] J. B. Boyling. A proof of Nakanishi's inequality. *Journal of Mathematical Physics*, 6(10):1469–1471, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1469\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1469_s1).

**Swift:1965:MRP**

- [191] Arthur R. Swift. Mixing of Regge poles and cuts in a field-theory model. *Journal of Mathematical Physics*, 6(10):1472–1481, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1472\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1472_s1).

**Hakim:1965:CTR**

- [192] Rémi Hakim. A covariant theory of relativistic Brownian motion I. Local equilibrium. *Journal of Mathematical Physics*, 6(10):1482–1495, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1482\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1482_s1).

**Andrews:1965:SBE**

- [193] Frank C. Andrews. On the solution of the BBGKY equations for a dense classical gas. *Journal of Mathematical Physics*, 6(10):1496–1505, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1496\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1496_s1).

**Gurtin:1965:VPT**

- [194] Morton E. Gurtin. Variational principle for the time-dependent schrödinger equation. *Journal of Mathematical Physics*, 6(10):1506–1507, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1506\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1506_s1).

**Sarason:1965:HSS**

- [195] Leonard Sarason. Hydromagnetic switch-on shocks. *Journal of Mathematical Physics*, 6(10):1508–1518, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1508\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1508_s1).

**Voisin:1965:SUR**

- [196] J. Voisin. On some unitary representations of the Galilei group I. Irreducible representations. *Journal of Mathematical Physics*, 6(10):1519–

1529, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1519\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1519_s1).

**Balachandran:1965:ISL**

- [197] A. P. Balachandran. Inequalities for the solutions of linear integral equations. *Journal of Mathematical Physics*, 6(10):1530–1533, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1530\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1530_s1).

**Whippman:1965:BRS**

- [198] M. L. Whippman. Branching rules for simple Lie groups. *Journal of Mathematical Physics*, 6(10):1534–1539, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1534\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1534_s1).

**Brody:1965:RRW**

- [199] T. A. Brody, M. Moshinsky, and I. Renero. Recursion relations for the Wigner coefficients of unitary groups. *Journal of Mathematical Physics*, 6(10):1540–1546, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1540\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1540_s1).

**Pandit:1965:ATC**

- [200] L. K. Pandit and N. Mukunda. Algebraic tabulation of the Clebsch–Gordan coefficients for reduction of the product  $(\lambda, \mu) \oplus (3, 0)$  of irreducible representations of  $SU(3)$ . *Journal of Mathematical Physics*, 6(10):1547–1557, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1547\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1547_s1).

**Pease:1965:FLH**

- [201] M. C. Pease. Formalization of the lagrangian, the hamiltonian, and related concepts. *Journal of Mathematical Physics*, 6(10):1558–1563, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1558\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1558_s1).

**Levy-Leblond:1965:PKG**

- [202] Jean-Marc Lévy-Leblond and François Lurçat.  $N$ -particle kinematics and group-theoretical treatment of phase space I. Nonrelativistic. *Journal of Mathematical Physics*, 6(10):1564–1570, October 1965. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1564\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1564_s1).

**Levy-Leblond:1965:TPN**

- [203] Jean-Marc Lévy-Leblond and Monique Lévy-Nahas. Three-particle non-relativistic kinematics and phase space. *Journal of Mathematical Physics*, 6(10):1571–1575, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1571\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1571_s1).

**Iagolnitzer:1965:MTD**

- [204] Daniel Iagolnitzer.  $S$ -matrix theory and double scattering. *Journal of Mathematical Physics*, 6(10):1576–1583, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1576\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1576_s1).

**Derome:1965:RAA**

- [205] Jean-Robert Derome and W. T. Sharp. Racah algebra for an arbitrary group. *Journal of Mathematical Physics*, 6(10):1584–1590, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1584\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1584_s1).

**Hammer:1965:TDP**

- [206] C. L. Hammer and T. A. Weber. Time-dependent perturbation theory. *Journal of Mathematical Physics*, 6(10):1591–1606, October 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1591\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i10/p1591_s1).

**Penney:1965:DRW**

- [207] R. Penney. On the dimensionality of the real world. *Journal of Mathematical Physics*, 6(11):1607–1611, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1607\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1607_s1).

**Denman:1965:ICL**

- [208] Harry H. Denman. Invariance and conservation laws in classical mechanics. *Journal of Mathematical Physics*, 6(11):1611–1616, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1611\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1611_s1).

**Fikioris:1965:EFI**

- [209] John G. Fikioris. Electromagnetic field inside a current-carrying region. *Journal of Mathematical Physics*, 6(11):1617–1620, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1617\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1617_s1).

**Dragt:1965:RTP**

- [210] A. J. Dragt. Relativistic three-particle  $SU_3$  states. *Journal of Mathematical Physics*, 6(11):1621–1625, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1621\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1621_s1).

**Aks:1965:APE**

- [211] S. Ø. Aks, R. P. Gilbert, and H. C. Howard. Analytic properties of the elastic unitarity integral. *Journal of Mathematical Physics*, 6(11):1626–1634, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1626\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1626_s1).

**Rothe:1965:CSR**

- [212] Heinz J. Rothe. Crossing symmetric Regge representation for the invariant scattering amplitude. *Journal of Mathematical Physics*, 6(11):1635–1642, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1635\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1635_s1).

**Fisher:1965:CFC**

- [213] Michael E. Fisher. Correlation functions and the coexistence of phases. *Journal of Mathematical Physics*, 6(11):1643–1653, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1643\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1643_s1).

**Gelman:1965:AFS**

- [214] Harry Gelman and Kurt Haller. Alternative formulations of scattering in model field theories. *Journal of Mathematical Physics*, 6(11):1653–1663, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1653\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1653_s1).

**Chambers:1965:HDP**

- [215] Charles M. Chambers. Higher-dimensional periodic systems. *Journal of Mathematical Physics*, 6(11):1664–1666, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1664\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1664_s1).

**Klauder:1965:RSM**

- [216] John R. Klauder. Rotationally-symmetric model field theories. *Journal of Mathematical Physics*, 6(11):1666–1679, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1666\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1666_s1).

**Shapiro:1965:MRA**

- [217] Joseph Shapiro. Matrix representation of the angular momentum projection operator. *Journal of Mathematical Physics*, 6(11):1680–1691, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1680\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1680_s1).

**Burke:1965:SAI**

- [218] E. A. Burke. Solution of an atomic integral containing three odd powers of interelectronic separation coordinates. *Journal of Mathematical Physics*, 6(11):1691–1695, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1691\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1691_s1).

**Boardman:1965:CQP**

- [219] John Boardman. Contributions to the quantization problem in general relativity. *Journal of Mathematical Physics*, 6(11):1696–1701, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1696\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1696_s1).

**Broido:1965:CUE**

- [220] Michael M. Broido. On the complete unitarity equations for pion-pion scattering. *Journal of Mathematical Physics*, 6(11):1702–1708, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1702\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1702_s1).

**Carnahan:1965:TRP**

- [221] W. H. Carnahan. Threshold Regge poles for coupled channels. *Journal of Mathematical Physics*, 6(11):1709–1719, November 1965. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1709\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1709_s1).

**Catara:1965:BSW**

- [222] F. Catara and M. Di Toro. On the bound-state wavefunctions of a non-local solvable potential. *Journal of Mathematical Physics*, 6(11):1720–1722, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1720\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1720_s1).

**Chen:1965:SCS**

- [223] Joseph C. Y. Chen. On a set of coupled second-order differential equations. *Journal of Mathematical Physics*, 6(11):1723–1729, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1723\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1723_s1).

**Cornille:1965:SLP**

- [224] Henri Cornille and Enrico Predazzi. Singular logarithmic potentials in coordinate space. *Journal of Mathematical Physics*, 6(11):1730–1740, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1730\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1730_s1).

**Hardy:1965:PEL**

- [225] Robert J. Hardy, Robert J. Swenson, and William C. Schieve. Perturbation expansion for lattice thermal conductivity. *Journal of Mathematical Physics*, 6(11):1741–1748, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1741\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1741_s1).

**Hardy:1965:LOC**

- [226] Robert J. Hardy. Lowest-order contribution to the lattice thermal conductivity. *Journal of Mathematical Physics*, 6(11):1749–1761, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1749\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1749_s1).

**Hepp:1965:OPS**

- [227] Klaus Hepp. One-particle singularities of the  $S$ -matrix in quantum field theory. *Journal of Mathematical Physics*, 6(11):1762–1767, November

1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1762\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1762_s1).

**Hermann:1965:RGN**

- [228] Robert Hermann. Remarks on the geometric nature of quantum phase space. *Journal of Mathematical Physics*, 6(11):1768–1771, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1768\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1768_s1).

**Kazes:1965:SIE**

- [229] E. Kazes. Solution of an integral equation in  $V-\theta$  scattering. *Journal of Mathematical Physics*, 6(11):1772–1773, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1772\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1772_s1).

**LeGaillard:1965:SFP**

- [230] Y. Le Gaillard and A. Visconti. On the structure of the finite parts of the generating functional of propagators in quantumelectrodynamics. *Journal of Mathematical Physics*, 6(11):1774–1785, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1774\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1774_s1).

**Louck:1965:GTH**

- [231] James D. Louck. Group theory of harmonic oscillators in  $n$ -dimensional space. *Journal of Mathematical Physics*, 6(11):1786–1804, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1786\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1786_s1).

**More:1965:NVS**

- [232] Richard M. More. New variational scheme for finding the excited states of one-dimensional systems. *Journal of Mathematical Physics*, 6(11):1804–1805, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1804\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1804_s1).

**Newman:1965:NDG**

- [233] Ezra T. Newman and T. W. J. Unti. Note on the dynamics of gravitational sources. *Journal of Mathematical Physics*, 6(11):1806–1811,

November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1806\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1806_s1).

**Thompson:1965:IAS**

- [234] Colin J. Thompson. Inequality with applications in statistical mechanics. *Journal of Mathematical Physics*, 6(11):1812–1813, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1812\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1812_s1).

**Unz:1965:OIP**

- [235] H. Unz. Oblique incidence on plane boundary between two general gyrotropic plasma media. *Journal of Mathematical Physics*, 6(11):1813–1821, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1813\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1813_s1).

**Voisin:1965:URG**

- [236] J. Voisin. On the unitary representations of the Galilei group. II. Two-particle systems. *Journal of Mathematical Physics*, 6(11):1822–1832, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1822\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1822_s1).

**Yan:1965:OSM**

- [237] C. C. Yan and G. H. Wannier. Observations on the spherical model of a ferromagnet. *Journal of Mathematical Physics*, 6(11):1833–1838, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1833\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1833_s1).

**Myers:1965:WSG**

- [238] John M. Myers. Wave scattering and the geometry of a strip. *Journal of Mathematical Physics*, 6(11):1839–1846, November 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1839\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i11/p1839_s1).

**Baird:1965:RSL**

- [239] G. E. Baird and L. C. Biedenharn. On the representations of the semisimple Lie groups. V. Some explicit Wigner operators for  $SU_3$ . *Journal of*



*Mathematical Physics*, 6(12):1847–1854, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1847\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1847_s1).

**Bergmann:1965:RBH**

- [240] D. Bergmann and Y. Frishman. A relation between the hydrogen atom and multidimensional harmonic oscillators. *Journal of Mathematical Physics*, 6(12):1855–1856, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1855\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1855_s1).

**Bevensee:1965:QES**

- [241] R. M. Bevensee. Quantum electrodynamics of the stimulated emission of radiation. II. *Journal of Mathematical Physics*, 6(12):1857–1870, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1857\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1857_s1).

**Foldy:1965:CTS**

- [242] Leslie L. Foldy. Cartesian tensors in spaces with an indefinite metric with applications to relativity. *Journal of Mathematical Physics*, 6(12):1871–1876, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1871\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1871_s1).

**Fujita:1965:TEE**

- [243] S. Fujita. Thermodynamic evolution equation for a quantum statistical gas. *Journal of Mathematical Physics*, 6(12):1877–1885, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1877\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1877_s1).

**Kallen:1965:MSA**

- [244] G. Källén and J. S. Toll. Momentum-space analyticity properties of the Bergman–Weil integral for the three point function. *Journal of Mathematical Physics*, 6(12):1885–1901, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1885\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1885_s1).

**Kane:1965:GFS**

- [245] Joseph W. Kane and Leo P. Kadanoff. Green’s functions and superfluid hydrodynamics. *Journal of Mathematical Physics*, 6(12):1902–1912,

December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1902\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1902_s1).

**Kano:1965:NPS**

- [246] Yutaka Kano. A new phase-space distribution function in the statistical theory of the electromagnetic field. *Journal of Mathematical Physics*, 6(12):1913–1915, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1913\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1913_s1).

**Katsura:1965:ESM**

- [247] Shigetoshi Katsura and Sakari Inawashiro. An exactly soluble model showing ferromagnetism. *Journal of Mathematical Physics*, 6(12):1916–1922, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1916\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1916_s1).

**Kumar:1965:EFN**

- [248] Kailash Kumar. Expansion of a function of noncommuting operators. *Journal of Mathematical Physics*, 6(12):1923–1927, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1923\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1923_s1).

**Kumar:1965:EE**

- [249] Kailash Kumar. On expanding the exponential. *Journal of Mathematical Physics*, 6(12):1928–1934, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1928\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1928_s1).

**Maldonado:1965:NOP**

- [250] C. D. Maldonado. Note on orthogonal polynomials which are “invariant in form” to rotations of axes. *Journal of Mathematical Physics*, 6(12):1935–1938, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1935\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1935_s1).

**McCormick:1965:HSN**

- [251] N. J. McCormick and I. Kuscer. Half-space neutron transport with linearly anisotropic scattering. *Journal of Mathematical Physics*, 6(12):1939–1945, December 1965. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1939\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1939_s1).

**Nayfeh:1965:EMT**

- [252] Ali Hasan Nayfeh. An expansion method for treating singular perturbation problems. *Journal of Mathematical Physics*, 6(12):1946–1951, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1946\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1946_s1).

**OConnell:1965:GSM**

- [253] R. F. O’Connell and D. R. Tompkins. Generalized solutions for massless free fields and consequent generalized conservation laws. *Journal of Mathematical Physics*, 6(12):1952–1954, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1952\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1952_s1).

**Petersson:1965:ROL**

- [254] Bengt Petersson. Reduction of a one-loop Feynman diagram with  $n$  vertices in  $m$ -dimensional Lorentz space. *Journal of Mathematical Physics*, 6(12):1955–1959, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1955\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1955_s1).

**Polkinghorne:1965:FGC**

- [255] J. C. Polkinghorne. The Froissart–Gribov continuation and Reggeon unitarity conditions. I. *Journal of Mathematical Physics*, 6(12):1960–1966, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1960\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1960_s1).

**Urban:1965:CSC**

- [256] Eugene W. Urban. Critical störmmer conditions in quadrupole and double ring-current fields. *Journal of Mathematical Physics*, 6(12):1966–1975, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1966\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1966_s1).

**Teitler:1965:ISC**

- [257] S. Teitler. Isotopic space, complex conjugation, and  $U_3$  symmetry for particles. *Journal of Mathematical Physics*, 6(12):1976–1979, December

1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1976\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1976_s1).

**Weber:1965:SMP**

- [258] T. A. Weber and S. A. Williams. Spin-matrix polynomials and the rotation operator for arbitrary spin. *Journal of Mathematical Physics*, 6(12):1980–1983, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1980\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1980_s1).

**Willis:1965:MIR**

- [259] Charles R. Willis. A model of interacting radiation and matter. II. *Journal of Mathematical Physics*, 6(12):1984–1994, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1984\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1984_s1).

**Wyman:1965:NFE**

- [260] M. Wyman and R. Trollope. Null fields in Einstein–Maxwell field theory. *Journal of Mathematical Physics*, 6(12):1995–2007, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1995\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p1995_s1).

**Yeh:1965:PMD**

- [261] C. Yeh. Perturbation method in the diffraction of electromagnetic waves by arbitrarily shaped penetrable obstacles. *Journal of Mathematical Physics*, 6(12):2008–2013, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2008\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2008_s1).

**Coleman:1965:ECG**

- [262] Sidney Coleman. Erratum: The Clebsch–Gordan series for  $SU(3)$ . *Journal of Mathematical Physics*, 6(12):2014, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2014\\_s1](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2014_s1). See [4].

**Moses:1965:ETL**

- [263] H. E. Moses. Erratum: “Transformation from a Linear Momentum to an Angular Momentum Basis for Particles of Zero Mass and Finite Spin”. *Journal of Mathematical Physics*, 6(12):2014, December 1965. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL [http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2014\\_s2](http://jmp.aip.org/resource/1/jmapaq/v6/i12/p2014_s2). See [112].

**Aly:1966:SSP**

- [264] H. H. Aly and H. J. W. Müller. Scattering by the singular potential  $r^{-4}$ . *Journal of Mathematical Physics*, 7(1):1–9, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p1\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p1_s1).

**Bardakci:1966:LARa**

- [265] K. Bardakci and B. Schroer. Local approximation in renormalizable and nonrenormalizable theories. I. *Journal of Mathematical Physics*, 7(1):10–15, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p10\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p10_s1).

**Bardakci:1966:LARb**

- [266] K. Bardakci and B. Schroer. Local approximations in renormalizable and nonrenormalizable theories. II. *Journal of Mathematical Physics*, 7(1):16–26, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p16\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p16_s1).

**Chan:1966:SED**

- [267] Yau W. Chan. On series expansion of a determinant and solution of the secular equation. *Journal of Mathematical Physics*, 7(1):27–34, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p27\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p27_s1).

**Hemmer:1966:DZG**

- [268] P. C. Hemmer, E. Hiis Hauge, and J. O. Aasen. Distribution of zeros of the grand partition function. *Journal of Mathematical Physics*, 7(1):35–39, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p35\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p35_s1).

**Chisholm:1966:ASP**

- [269] J. S. R. Chisholm. Approximation by sequences of padé approximants in regions of meromorphy. *Journal of Mathematical Physics*, 7(1):39–44, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p39\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p39_s1).

**Das:1966:CSTa**

- [270] A. Das. Complex space–time and classical field theory. I. *Journal of Mathematical Physics*, 7(1):45–51, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p45\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p45_s1).

**Das:1966:QCS**

- [271] A. Das. The quantized complex space–time and quantum theory of free fields. II. *Journal of Mathematical Physics*, 7(1):52–60, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p52\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p52_s1).

**Das:1966:CSTb**

- [272] A. Das. Complex space–time and geometrization of electromagnetism. III. *Journal of Mathematical Physics*, 7(1):61–63, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p61\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p61_s1).

**Dilley:1966:ABS**

- [273] J. Dilley and A. O. Barut. Asymptotic behavior of the scattering amplitude in the left half-plane of complex angular momentum. *Journal of Mathematical Physics*, 7(1):64–65, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p64\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p64_s1).

**Pool:1966:MAW**

- [274] James C. T. Pool. Mathematical aspects of the Weyl correspondence. *Journal of Mathematical Physics*, 7(1):66–76, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p66\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p66_s1).

**Fleming:1966:PRD**

- [275] Gordon N. Fleming. Physical region decoupling procedure for coupled channel scattering amplitudes. *Journal of Mathematical Physics*, 7(1):76–80, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p76\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p76_s1).

**Hurst:1966:RBO**

- [276] C. A. Hurst. Relation between the Onsager and Pfaffian methods for solving the Ising problem. II. The general lattice. *Journal of Mathematical Physics*, 7(1):81–87, January 1966. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p81\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p81_s1).

**Jaksic:1966:ABP**

- [277] B. Jaksic and N. Limic. Asymptotic behavior of phase shift in  $\lambda$  for strongly singular potentials. *Journal of Mathematical Physics*, 7(1):88–97, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p88\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p88_s1).

**Lebowitz:1966:RTV**

- [278] J. L. Lebowitz and O. Penrose. Rigorous treatment of the van der Waals–Maxwell theory of the liquid-vapor transition. *Journal of Mathematical Physics*, 7(1):98–113, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p98\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p98_s1).

**Mariwalla:1966:RDS**

- [279] K. H. Mariwalla. Representation of discrete symmetry operators. *Journal of Mathematical Physics*, 7(1):114–122, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p114\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p114_s1).

**McGuire:1966:IFO**

- [280] J. B. McGuire. Interacting fermions in one dimension. II. Attractive potential. *Journal of Mathematical Physics*, 7(1):123–132, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p123\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p123_s1).

**Mehta:1966:STU**

- [281] C. L. Mehta, E. Wolf, and A. P. Balachandran. Some theorems on the unimodular complex degree of optical coherence. *Journal of Mathematical Physics*, 7(1):133–138, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p133\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p133_s1).

**Miasek:1966:AHM**

- [282] Maria Miasek. Application of Houston’s method to the sum of plane waves over the Brillouin zone. I. Simple-cubic and face-centered-cubic lattices. *Journal of Mathematical Physics*, 7(1):139–147, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p139\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p139_s1).

**Lopuszanski:1966:QFT**

- [283] Jan Lopuszanski and Helmut Reeh. On a quantum field theory with degenerate vacuum and a special type of symmetry. *Journal of Mathematical Physics*, 7(1):148–154, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p148\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p148_s1).

**Misra:1966:SES**

- [284] M. Misra. Some exact solutions of the field equations of general relativity. *Journal of Mathematical Physics*, 7(1):155–158, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p155\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p155_s1).

**Scarfone:1966:LSZ**

- [285] Leonard M. Scarfone. Lehmann–Symanzik–Zimmermann formalism in a model field theory. *Journal of Mathematical Physics*, 7(1):159–162, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p159\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p159_s1).

**Shelupsky:1966:TDB**

- [286] David Shelupsky. Translations of the discrete Bose–Einstein operators. *Journal of Mathematical Physics*, 7(1):163–166, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p163\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p163_s1).

**Shin:1966:STTa**

- [287] Ernest E. H. Shin. Space–time theory of elementary particles. I. Born reciprocity principle. *Journal of Mathematical Physics*, 7(1):167–173, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p167\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p167_s1).

**Shin:1966:STTb**

- [288] Ernest E. H. Shin. Space–time theory of elementary particles. II. Complex Minkowski space formalism. *Journal of Mathematical Physics*, 7(1):174–180, January 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p174\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p174_s1).

**Taylor:1966:SIM**

- [289] John R. Taylor. Spin and isospin in  $S$ -matrix theory. *Journal of Mathematical Physics*, 7(1):181–196, January 1966. CODEN JMAPAQ. ISSN



0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i1/p181\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i1/p181_s1).

**Ahmavaara:1966:SSFa**

- [290] Yrjö Ahmavaara. Structure of space and the formalism of relativistic quantum theory. III. *Journal of Mathematical Physics*, 7(2):197–201, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p197\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p197_s1).

**Ahmavaara:1966:SSFb**

- [291] Yrjö Ahmavaara. Structure of space and the formalism of relativistic quantum theory. IV. *Journal of Mathematical Physics*, 7(2):201–204, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p201\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p201_s1).

**Alcaras:1966:AGM**

- [292] J. A. Castilho Alcarás, V. C. Aguilera Navarro, and P. Leal Ferreira. Applications of the Gel'fand–Moshinsky bases in unitary symmetry and its breaking. *Journal of Mathematical Physics*, 7(2):205–214, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p205\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p205_s1). See erratum [546].

**Alessandrini:1966:FTE**

- [293] Victor A. Alessandrini. Faddeev-type equations for the four-body problem. *Journal of Mathematical Physics*, 7(2):215–220, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p215\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p215_s1).

**Aronson:1966:TMM**

- [294] Raphael Aronson and David Leon Yarmush. Transfer-matrix method for gamma-ray and neutron penetration. *Journal of Mathematical Physics*, 7(2):221–237, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p221\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p221_s1).

**Brill:1966:CFG**

- [295] Dieter R. Brill and Jeffrey M. Cohen. Cartan frames and the general relativistic Dirac equation. *Journal of Mathematical Physics*, 7(2):238–243, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-

7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p238\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p238_s1).

**Cohen:1966:ETF**

- [296] Leon Cohen. Expansion theorem for functions of operators. *Journal of Mathematical Physics*, 7(2):244–245, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p244\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p244_s1).

**Cohen:1966:NTEa**

- [297] H. Cohen and C. N. DeSilva. Nonlinear theory of elastic surfaces. *Journal of Mathematical Physics*, 7(2):246–253, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p246\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p246_s1).

**Garcia-Colin:1966:GCU**

- [298] Leopoldo S. García-Colín and Asdrúbal Flores. The generalization of Choh-Uhlenbeck's method in the kinetic theory of dense gases. *Journal of Mathematical Physics*, 7(2):254–259, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p254\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p254_s1).

**Fisher:1966:SMP**

- [299] Michael E. Fisher and David Ruelle. The stability of many-particle systems. *Journal of Mathematical Physics*, 7(2):260–270, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p260\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p260_s1).

**Guenin:1966:AFQ**

- [300] Marcel Guenin. Axiomatic foundations of quantum theories. *Journal of Mathematical Physics*, 7(2):271–282, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p271\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p271_s1).

**Harari:1966:RDP**

- [301] H. Harari. On the reduction of direct products of the irreducible representations of  $SU(n)$ . *Journal of Mathematical Physics*, 7(2):283–285, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p283\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p283_s1).

**Hartwig:1966:MPC**

- [302] Robert E. Hartwig. Monomer pair correlations. *Journal of Mathematical Physics*, 7(2):286–299, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p286\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p286_s1).

**Hunziker:1966:STB**

- [303] W. Hunziker. On the space–time behavior of schrödinger wavefunctions. *Journal of Mathematical Physics*, 7(2):300–304, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p300\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p300_s1).

**Hurst:1966:NAI**

- [304] C. A. Hurst. New approach to the Ising problem. *Journal of Mathematical Physics*, 7(2):305–310, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p305\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p305_s1).

**Jones:1966:NSN**

- [305] C. Edward Jones and George Tiktopoulos. Numerical solution of non-Fredholm (singular) integral equations by matrix inversion. *Journal of Mathematical Physics*, 7(2):311–315, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p311\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p311_s1).

**Lanczos:1966:MLP**

- [306] C. Lanczos. Metrical lattice and the problem of electricity. *Journal of Mathematical Physics*, 7(2):316–324, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p316\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p316_s1).

**Livingston:1966:MQE**

- [307] Peter M. Livingston. Methods of quadrature for Euler transform integrals. *Journal of Mathematical Physics*, 7(2):325–333, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p325\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p325_s1).

**Melvin:1966:OMU**

- [308] M. A. Melvin and J. S. Wallingford. Orbits in a magnetic universe. *Journal of Mathematical Physics*, 7(2):333–340, February 1966. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p333\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p333_s1).

**Mehta:1966:CFE**

- [309] M. L. Mehta and P. K. Srivastava. Correlation functions for eigenvalues of real quaternion matrices. *Journal of Mathematical Physics*, 7(2):341–344, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p341\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p341_s1).

**Mendelson:1966:FOS**

- [310] M. R. Mendelson. First-order solutions of the one-speed transport equation in plane multiregion geometries. *Journal of Mathematical Physics*, 7(2):345–355, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p345\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p345_s1).

**Pagnamenta:1966:BSU**

- [311] Antonio Pagnamenta.  $V\Theta$ -bound state and uniqueness in the three-particle sector of the Lee model. *Journal of Mathematical Physics*, 7(2):356–365, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p356\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p356_s1).

**Pauri:1966:CRL**

- [312] M. Pauri and G. M. Prosperi. Canonical realizations of Lie symmetry groups. *Journal of Mathematical Physics*, 7(2):366–375, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p366\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p366_s1).

**Pugh:1966:OTI**

- [313] Robert E. Pugh.  $S$ -operator theory. II. Quantum electrodynamics. *Journal of Mathematical Physics*, 7(2):376–384, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p376\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p376_s1).

**Rivers:1966:GAM**

- [314] R. J. Rivers. Gauge approximations in mesodynamics. *Journal of Mathematical Physics*, 7(2):385–394, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p385\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p385_s1).

**Roskies:1966:ISM**

- [315] Ralph Roskies. Internal symmetry and mass splitting. *Journal of Mathematical Physics*, 7(2):395–398, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p395\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p395_s1).

**Waters:1966:MSR**

- [316] John Waters and Joseph Ford. A method of solution for resonant nonlinear coupled oscillator systems. *Journal of Mathematical Physics*, 7(2):399–403, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p399\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p399_s1).

**Willis:1966:MIR**

- [317] Charles R. Willis. Model of interacting radiation and matter. III. Multimode gas lasers. *Journal of Mathematical Physics*, 7(2):404–412, February 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i2/p404\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i2/p404_s1).

**Bazley:1966:EBA**

- [318] Norman W. Bazley and David W. Fox. Error bounds for approximations to expectation values of unbounded operators. *Journal of Mathematical Physics*, 7(3):413–416, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p413\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p413_s1).

**Brown:1966:CSU**

- [319] Edmund H. Brown. On the complex structure of the universe. *Journal of Mathematical Physics*, 7(3):417–425, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p417\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p417_s1).

**Chakrabarti:1966:BPG**

- [320] A. Chakrabarti. On the  $L$ - $S$  basis of the Poincaré group for the case of nonzero rest mass. *Journal of Mathematical Physics*, 7(3):426–430, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p426\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p426_s1).

**Gilbert:1966:NMT**

- [321] R. P. Gilbert and S. Y. Shieh. A new method in the theory of potential scattering. *Journal of Mathematical Physics*, 7(3):431–433, March

1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p431\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p431_s1).

**Goldberg:1966:CRR**

- [322] Haim Goldberg. On the coupling and recoupling of relativistic states. *Journal of Mathematical Physics*, 7(3):434–442, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p434\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p434_s1).

**Kantowski:1966:SSH**

- [323] R. Kantowski and R. K. Sachs. Some spatially homogeneous anisotropic relativistic cosmological models. *Journal of Mathematical Physics*, 7(3):443–446, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p443\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p443_s1).

**Kaufman:1966:SFM**

- [324] Bruria Kaufman. Special functions of mathematical physics from the viewpoint of Lie algebra. *Journal of Mathematical Physics*, 7(3):447–457, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p447\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p447_s1).

**Lamb:1966:MME**

- [325] D. J. Lamb. Multipole moments in Einstein’s gravitational theory. *Journal of Mathematical Physics*, 7(3):458–463, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p458\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p458_s1).

**Moyal:1966:GTF**

- [326] J. E. Moyal. A general theory of first-passage distributions in transport and multiplicative processes. *Journal of Mathematical Physics*, 7(3):464–473, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p464\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p464_s1).

**Payne:1966:ASH**

- [327] Herbert Payne. Approximate solution of Hill’s equation. *Journal of Mathematical Physics*, 7(3):474–478, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p474\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p474_s1).

**Penney:1966:GCS**

- [328] R. Penney. Geometrization of a complex scalar field. I. Algebra. *Journal of Mathematical Physics*, 7(3):479–481, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p479\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p479_s1).

**Rohrlich:1966:FDC**

- [329] F. Rohrlich and M. Wilner. Functional differential calculus of operators. II. *Journal of Mathematical Physics*, 7(3):482–493, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p482\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p482_s1).

**Schmidt:1966:MOC**

- [330] Helmut Schmidt. Model of an oscillating cosmos which rejuvenates during contraction. *Journal of Mathematical Physics*, 7(3):494–509, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p494\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p494_s1).

**Symanzik:1966:EQF**

- [331] K. Symanzik. Euclidean quantum field theory. I. Equations for a scalar model. *Journal of Mathematical Physics*, 7(3):510–525, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p510\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p510_s1).

**Tao:1966:VPE**

- [332] L. N. Tao. On variational principles for electromagnetic theory. *Journal of Mathematical Physics*, 7(3):526–530, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p526\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p526_s1).

**Thompson:1966:PTT**

- [333] Colin J. Thompson. Phase transition of a two-dimensional continuum-ising model. *Journal of Mathematical Physics*, 7(3):531–534, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p531\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p531_s1).

**Unti:1966:TGF**

- [334] T. W. J. Unti and R. J. Torrence. Theorem on gravitational fields with geodesic rays. *Journal of Mathematical Physics*, 7(3):535–538, March

1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p535\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p535_s1).

**Ruedenberg:1966:OIB**

- [335] Klaus Ruedenberg, Kiyosi O-Ohata, and D. G. Wilson. Overlap integrals between atomic orbitals. *Journal of Mathematical Physics*, 7(3):539–546, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p539\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p539_s1).

**O-Ohata:1966:TCC**

- [336] Kiyosi O-Ohata and Klaus Ruedenberg. Two-center Coulomb integrals between atomic orbitals. *Journal of Mathematical Physics*, 7(3):547–559, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p547\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p547_s1).

**Tarski:1966:SBN**

- [337] Jan Tarski. Solution of the Bloch–Nordsieck model. *Journal of Mathematical Physics*, 7(3):560–573, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p560\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p560_s1).

**Dubin:1966:IMR**

- [338] Daniel A. Dubin and Jan Tarski. Indefinite metric resulting from regularization in the infrared region. *Journal of Mathematical Physics*, 7(3):574–577, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p574\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p574_s1).

**Eger:1966:PTH**

- [339] F. M. Eger and E. P. Gross. Point transformations and the hard-sphere Bose gas. *Journal of Mathematical Physics*, 7(3):578–582, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p578\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p578_s1).

**Fried:1966:FFL**

- [340] H. M. Fried. Functional formulation of the Lee model. *Journal of Mathematical Physics*, 7(3):583–588, March 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i3/p583\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i3/p583_s1).



**Aronson:1966:PMC**

- [341] Raphael Aronson. A perturbation method for the classical time-dependent pair correlation function. *Journal of Mathematical Physics*, 7(4):589–602, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p589\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p589_s1).

**Boyce:1966:ARC**

- [342] J. F. Boyce. Asymptotic renormalizability conditions on field propagators. *Journal of Mathematical Physics*, 7(4):603–607, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p603\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p603_s1).

**Collinson:1966:EST**

- [343] C. D. Collinson. Empty space-times of embedding class two. *Journal of Mathematical Physics*, 7(4):608–611, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p608\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p608_s1).

**Derome:1966:SPS**

- [344] Jean-Robert Derome. Symmetry properties of the  $3j$ -symbols for an arbitrary group. *Journal of Mathematical Physics*, 7(4):612–615, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p612\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p612_s1).

**DeWitt:1966:SMH**

- [345] Hugh E. DeWitt. Statistical mechanics of high-temperature quantum plasmas beyond the ring approximation. *Journal of Mathematical Physics*, 7(4):616–626, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p616\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p616_s1).

**Ford:1966:LFS**

- [346] William F. Ford. Limiting forms of the screened Coulomb  $T$  matrix. *Journal of Mathematical Physics*, 7(4):626–633, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p626\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p626_s1).

**Granzow:1966:MTT**

- [347] Kenneth D. Granzow. Multipole theory in the time domain. *Journal of Mathematical Physics*, 7(4):634–640, April 1966. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p634\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p634_s1). See erratum [547].

**Gundzik:1966:CRI**

- [348] M. G. Gundzik. A continuous representation of an indefinite metric space. *Journal of Mathematical Physics*, 7(4):641–651, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p641\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p641_s1).

**Islam:1966:LLC**

- [349] Jamal N. Islam. Leading Landau curves of a class of Feynman diagrams. *Journal of Mathematical Physics*, 7(4):652–660, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p652\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p652_s1).

**Keller:1966:EDC**

- [350] Joseph B. Keller and Frank C. Karal. Effective dielectric constant, permeability, and conductivity of a random medium and the velocity and attenuation coefficient of coherent waves. *Journal of Mathematical Physics*, 7(4):661–670, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p661\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p661_s1).

**Kumar:1966:TTU**

- [351] Kailash Kumar. Talmi transformation for unequal-mass particles and related formulas. *Journal of Mathematical Physics*, 7(4):671–678, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p671\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p671_s1).

**Minguzzi:1966:APS**

- [352] A. Minguzzi. Analyticity properties of the scattering amplitude. *Journal of Mathematical Physics*, 7(4):679–681, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p679\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p679_s1).

**Majumdar:1966:CBU**

- [353] Chanchal K. Majumdar. Continuity of bound and unbound states in a Fermi gas: A soluble example. *Journal of Mathematical Physics*, 7(4):682–690, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p682\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p682_s1).

**Moshinsky:1966:GSI**

- [354] M. Moshinsky. Gelfand states and the irreducible representations of the symmetric group. *Journal of Mathematical Physics*, 7(4):691–698, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p691\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p691_s1).

**Nakanishi:1966:PPV**

- [355] Noboru Nakanishi. Poles of the proper vertex function in the Bethe–Salpeter formalism. *Journal of Mathematical Physics*, 7(4):698–701, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p698\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p698_s1).

**Olsson:1966:ACH**

- [356] Per O. M. Olsson. Analytic continuations of higher-order hypergeometric functions. *Journal of Mathematical Physics*, 7(4):702–710, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p702\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p702_s1).

**Poshusta:1966:PAF**

- [357] R. D. Poshusta and F. A. Matsen. Permutation-algebraic formulation of spin-free transition density matrices. *Journal of Mathematical Physics*, 7(4):711–720, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p711\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p711_s1).

**Sasakawa:1966:SSE**

- [358] Tatuya Sasakawa. Solution of schrödinger equation involving time. *Journal of Mathematical Physics*, 7(4):721–741, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p721\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p721_s1).

**Siegert:1966:GVW**

- [359] Arnold J. F. Siegert and Emmanuel Meeron. Generalizations of the virial and Wall theorems in classical statistical mechanics. *Journal of Mathematical Physics*, 7(4):741–750, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p741\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p741_s1).

**Szekeres:1966:PGF**

- [360] Peter Szekeres. On the propagation of gravitational fields in matter. *Journal of Mathematical Physics*, 7(4):751–761, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p751\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p751_s1).

**Ullah:1966:ACH**

- [361] Nazakat Ullah. Asymptotic correlations of the Hamiltonian matrix elements. *Journal of Mathematical Physics*, 7(4):762–764, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p762\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p762_s1).

**Zmuidzinas:1966:URL**

- [362] Jonas Stasys Zmuidzinas. Unitary representations of the Lorentz group on 4-vector manifolds. *Journal of Mathematical Physics*, 7(4):764–780, April 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i4/p764\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i4/p764_s1).

**Cohen:1966:GPS**

- [363] Leon Cohen. Generalized phase-space distribution functions. *Journal of Mathematical Physics*, 7(5):781–786, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p781\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p781_s1).

**Coleman:1966:IVI**

- [364] Sidney Coleman. The invariance of the vacuum is the invariance of the world. *Journal of Mathematical Physics*, 7(5):787, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p787\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p787_s1).

**Contopoulos:1966:AIT**

- [365] George Contopoulos. Adiabatic invariants and the “third” integral. *Journal of Mathematical Physics*, 7(5):788–797, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p788\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p788_s1).

**DeWitt:1966:FMI**

- [366] Hugh De Witt and Paul Fishbane. Failure of the Mayer irreducible cluster theorem with wave mechanics. *Journal of Mathematical Physics*, 7(5):798–801, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p798\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p798_s1).

**Dollard:1966:ASS**

- [367] John Day Dollard. Adiabatic switching in the schrödinger theory of scattering. *Journal of Mathematical Physics*, 7(5):802–810, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p802\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p802_s1).

**Fairlie:1966:SCM**

- [368] D. B. Fairlie. Structure of the crossing matrix for arbitrary internal symmetry groups. *Journal of Mathematical Physics*, 7(5):811–815, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p811\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p811_s1).

**Fischer:1966:GSF**

- [369] J. Fischer, J. Niederle, and R. Raczka. Generalized spherical functions for the noncompact rotation groups. *Journal of Mathematical Physics*, 7(5):816–821, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p816\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p816_s1).

**Klauder:1966:DPR**

- [370] J. R. Klauder, J. McKenna, and E. J. Woods. Direct-product representations of the canonical commutation relations. *Journal of Mathematical Physics*, 7(5):822–828, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p822\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p822_s1).

**Marburger:1966:CEC**

- [371] J. H. Marburger. Conditions for the existence of closed solutions by the normal ordering method. *Journal of Mathematical Physics*, 7(5):829–832, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p829\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p829_s1).

**Mika:1966:IVPa**

- [372] Janusz Mika. The initial-value problem for a slab. I. Anisotropic scattering. *Journal of Mathematical Physics*, 7(5):833–838, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p833\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p833_s1).

**Mika:1966:IVPb**

- [373] Janusz Mika. The initial-value problem for a slab. II. Nonuniform slab. *Journal of Mathematical Physics*, 7(5):839–843, May 1966. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p839\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p839_s1).

**Morrow:1966:PRM**

- [374] Richard A. Morrow. The physical regions of many-particle processes. *Journal of Mathematical Physics*, 7(5):844–848, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p844\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p844_s1).

**Mukunda:1966:DOF**

- [375] N. Mukunda and T. F. Jordan. Determination of optical field correlations from photon counts. *Journal of Mathematical Physics*, 7(5):849–853, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p849\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p849_s1).

**Murthy:1966:RRF**

- [376] M. V. Murthy. Ray representations of finite nonunitary groups. *Journal of Mathematical Physics*, 7(5):853–857, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p853\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p853_s1).

**Muzinich:1966:IUP**

- [377] I. J. Muzinich. The implications of unitarity on possible higher symmetries. *Journal of Mathematical Physics*, 7(5):858–862, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p858\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p858_s1).

**Newman:1966:NBM**

- [378] E. T. Newman and R. Penrose. Note on the Bondi–Metzner–Sachs group. *Journal of Mathematical Physics*, 7(5):863–870, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p863\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p863_s1).

**Remler:1966:SO**

- [379] E. A. Remler. Spectrum of the S operator. *Journal of Mathematical Physics*, 7(5):871–874, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p871\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p871_s1).

**Rosner:1966:EMP**

- [380] Jonathan L. Rosner. Exchange of massive particles in the Bethe–Salpeter equation. *Journal of Mathematical Physics*, 7(5):875–884, May 1966. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p875\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p875_s1).

**Uhlenbrock:1966:PQS**

- [381] D. A. Uhlenbrock. Properties of quantum statistical expectation values. *Journal of Mathematical Physics*, 7(5):885–893, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p885\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p885_s1).

**Wahlquist:1966:RME**

- [382] Hugo D. Wahlquist and Frank B. Estabrook. Rigid motions in Einstein spaces. *Journal of Mathematical Physics*, 7(5):894–905, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p894\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p894_s1).

**Fonda:1966:DPM**

- [383] Luciano Fonda and Gian' Carlo Ghirardi. Determination of the parameters of model field theories from phase shifts and bound-states energies. *Journal of Mathematical Physics*, 7(5):906–915, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p906\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p906_s1).

**Emch:1966:GIF**

- [384] Gérard Emch and Marcel Guenin. Gauge invariant formulation of the BCS model. *Journal of Mathematical Physics*, 7(5):915–921, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p915\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p915_s1).

**Piccirelli:1966:SPL**

- [385] Robert A. Piccirelli. Some properties of the long-time values of the probability densities for moderately dense gases. *Journal of Mathematical Physics*, 7(5):922–934, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p922\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p922_s1).

**Rudra:1966:ITO**

- [386] P. Rudra. On irreducible tensor operators for finite groups. *Journal of Mathematical Physics*, 7(5):935–937, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p935\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p935_s1).

**Eyges:1966:IMQ**

- [387] Leonard Eyges. Improved method for quantum mechanical three-body problems. II. Repulsive potentials. *Journal of Mathematical Physics*, 7(5):938–948, May 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i5/p938\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i5/p938_s1).

**Chakrabarti:1966:UUR**

- [388] A. Chakrabarti. Unified unitary representation of the Poincaré group for particles of zero and positive rest mass. *Journal of Mathematical Physics*, 7(6):949–955, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p949\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p949_s1).

**Bebb:1966:GDC**

- [389] H. Barry Bebb. Generalized discrete-continuum radial integrals with Coulomb functions. *Journal of Mathematical Physics*, 7(6):955–959, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p955\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p955_s1).

**Cohen:1966:NTEb**

- [390] H. Cohen and C. N. DeSilva. Nonlinear theory of elastic directed surfaces. *Journal of Mathematical Physics*, 7(6):960–966, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p960\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p960_s1).

**Currie:1966:EPH**

- [391] Douglas G. Currie and Eugene J. Saletan.  $q$ -equivalent particle hamiltonians. I. The classical one-dimensional case. *Journal of Mathematical Physics*, 7(6):967–974, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p967\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p967_s1).

**Davis:1966:DCF**

- [392] W. R. Davis and M. K. Moss. On the development of the covariant formulation of the conservation laws of general relativity. *Journal of Mathematical Physics*, 7(6):975–976, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p975\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p975_s1).



**Falk:1966:ULB**

- [393] Harold Falk. Upper and lower bounds for canonical ensemble averages. *Journal of Mathematical Physics*, 7(6):977–979, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p977\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p977_s1).

**George:1966:FDR**

- [394] Claude George and Monique Lévy-Nahas. Finite-dimensional representations of some non-semisimple Lie algebras. *Journal of Mathematical Physics*, 7(6):980–988, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p980\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p980_s1).

**Hagen:1966:HOP**

- [395] C. R. Hagen. Higher-order poles in the  $S$ -matrix. *Journal of Mathematical Physics*, 7(6):989–990, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p989\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p989_s1).

**Liboff:1966:DCS**

- [396] Richard L. Liboff. Dynamics of certain spherical charge distributions. *Journal of Mathematical Physics*, 7(6):991–997, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p991\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p991_s1).

**Kummer:1966:MGC**

- [397] Martin Kummer. The most general Clebsch–Gordan coefficients of the universal covering group of the inhomogeneous Lorentz group. *Journal of Mathematical Physics*, 7(6):997–1015, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p997\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p997_s1).

**Lieb:1966:QME**

- [398] Elliott Lieb. Quantum-mechanical extension of the Lebowitz–Penrose theorem on the van der Waals theory. *Journal of Mathematical Physics*, 7(6):1016–1024, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1016\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1016_s1).

**Maitra:1966:SDF**

- [399] S. C. Maitra. Stationary dust-filled cosmological solution with  $\Lambda = 0$  and without closed timelike lines. *Journal of Mathematical Physics*, 7(6):

1025–1030, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1025\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1025_s1).

**McGuinness:1966:NDE**

- [400] D. J. McGuinness. Nonhomogeneous differential equation with a second-order turning point. *Journal of Mathematical Physics*, 7(6):1030–1037, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1030\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1030_s1).

**Mermin:1966:SSE**

- [401] N. David Mermin. A short simple evaluation of expressions of the Debye–Waller form. *Journal of Mathematical Physics*, 7(6):1038, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1038\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1038_s1).

**Morita:1966:DGB**

- [402] Tohru Morita. Derivation of the generalized Boltzmann equation in quantum statistical mechanics. *Journal of Mathematical Physics*, 7(6):1039–1045, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1039\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1039_s1).

**Nussinov:1966:TCG**

- [403] S. Nussinov. Theorem on the Clebsch–Gordan series in  $SU(n)$ . *Journal of Mathematical Physics*, 7(6):1046–1048, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1046\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1046_s1).

**Parks:1966:ACR**

- [404] W. F. Parks. On alternate commutation relations. *Journal of Mathematical Physics*, 7(6):1049–1053, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1049\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1049_s1).

**Prugovecki:1966:AAFa**

- [405] Eduard Prugovecki. An axiomatic approach to the formalism of quantum mechanics. I. *Journal of Mathematical Physics*, 7(6):1054–1069, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1054\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1054_s1).

**Prugovecki:1966:AAFb**

- [406] Eduard Prugovecki. An axiomatic approach to the formalism of quantum mechanics. II. *Journal of Mathematical Physics*, 7(6):1070–1096, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1070\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1070_s1).

**Roberts:1966:DBK**

- [407] J. E. Roberts. The Dirac bra and ket formalism. *Journal of Mathematical Physics*, 7(6):1097–1104, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1097\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1097_s1).

**Sharp:1966:PBI**

- [408] R. T. Sharp and Hans Von Baeyer. Polynomial bases and isoscalar factors for SU(3). *Journal of Mathematical Physics*, 7(6):1105–1122, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1105\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1105_s1).

**Stephenson:1966:IMS**

- [409] John Stephenson. Ising model spin correlations on the triangular lattice. II. Fourth-order correlations. *Journal of Mathematical Physics*, 7(6):1123–1132, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1123\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1123_s1).

**Yndurain:1966:MFC**

- [410] F. J. Ynduráin.  $S$ -matrix formalism, charge renormalization, and definition of the Hamiltonian in a simple field-theoretical model. *Journal of Mathematical Physics*, 7(6):1133–1136, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1133\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1133_s1).

**Zipoy:1966:TSS**

- [411] David M. Zipoy. Topology of some spheroidal metrics. *Journal of Mathematical Physics*, 7(6):1137–1143, June 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1137\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1137_s1).

**Backus:1966:NPI**

- [412] G. E. Backus and F. Gilbert. Note on product integrals. *Journal of Mathematical Physics*, 7(6):1144, June 1966. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1144\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i6/p1144_s1).

**Bradley:1966:SGS**

- [413] C. J. Bradley. Space groups and selection rules. *Journal of Mathematical Physics*, 7(7):1145–1152, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1145\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1145_s1).

**Chappell:1966:KEE**

- [414] Willard R. Chappell. Kinetic equation for the electron-phonon gas. *Journal of Mathematical Physics*, 7(7):1153–1157, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1153\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1153_s1).

**Chow:1966:MFG**

- [415] Yutze Chow. Majorization of Feynman graphs. *Journal of Mathematical Physics*, 7(7):1158–1170, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1158\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1158_s1).

**Cocke:1966:SCC**

- [416] W. J. Cocke. Some collapsing cylinders and their exterior vacuum metrics in general relativity. *Journal of Mathematical Physics*, 7(7):1171–1178, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1171\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1171_s1).

**Droz-Vincent:1966:CCL**

- [417] Philippe H. Droz-Vincent. Covariant conservation laws for general relativistic exploding matter. *Journal of Mathematical Physics*, 7(7):1179–1184, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1179\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1179_s1).

**Ellis:1966:EFM**

- [418] J. R. Ellis. Electromagnetic fields of moving dipoles and multipoles. *Journal of Mathematical Physics*, 7(7):1185–1197, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1185\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1185_s1).

**Emch:1966:NMM**

- [419] Gérard G. Emch. Non-Markovian model for the approach to equilibrium. *Journal of Mathematical Physics*, 7(7):1198–1206, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1198\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1198_s1).

**Ferreira:1966:PML**

- [420] Erasmo M. Ferreira and Antonio F. F. Teixeira. On the poles of the S matrix for long-range potentials. *Journal of Mathematical Physics*, 7(7):1207–1217, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1207\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1207_s1).

**Finkelstein:1966:K**

- [421] David Finkelstein. Kinks. *Journal of Mathematical Physics*, 7(7):1218–1225, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1218\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1218_s1).

**Halpern:1966:SVS**

- [422] Martin B. Halpern. Solution of very singular  $N/D$  equations — an approach to nonrenormalizable field theory. *Journal of Mathematical Physics*, 7(7):1226–1250, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1226\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1226_s1).

**Jaffe:1966:WPF**

- [423] Arthur Jaffe. Wick polynomials at a fixed time. *Journal of Mathematical Physics*, 7(7):1250–1255, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1250\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1250_s1).

**Kruskal:1966:EIC**

- [424] Martin D. Kruskal and Norman J. Zabusky. Exact invariants for a class of nonlinear wave equations. *Journal of Mathematical Physics*, 7(7):1256–1267, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1256\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1256_s1).

**Lenard:1966:ODI**

- [425] A. Lenard. One-dimensional impenetrable bosons in thermal equilibrium. *Journal of Mathematical Physics*, 7(7):1268–1272, July 1966. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1268\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1268_s1).

**Roman:1966:CFT**

- [426] P. Roman and J. J. Aghassi. Classical field theory and gravitation in a de Sitter world. *Journal of Mathematical Physics*, 7(7):1273–1283, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1273\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1273_s1).

**Rosen:1966:UIR**

- [427] Gerald Rosen. Unitary irreducible representations of  $SL(3, R)$ . *Journal of Mathematical Physics*, 7(7):1284–1294, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1284\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1284_s1).

**Schmidt:1966:SAX**

- [428] Paul W. Schmidt. Small-angle X-ray scattering from rods and platelets. *Journal of Mathematical Physics*, 7(7):1295–1300, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1295\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1295_s1).

**Sesma:1966:CT**

- [429] J. Sesma. On the Chakrabarti transformation. *Journal of Mathematical Physics*, 7(7):1300–1302, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1300\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1300_s1).

**Shepelavey:1966:GCCa**

- [430] Bohdan Shepelavey. Global covariant conservation laws in Riemannian spaces. I. *Journal of Mathematical Physics*, 7(7):1303–1309, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1303\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1303_s1).

**Shepelavey:1966:GCCb**

- [431] Bohdan Shepelavey. Global covariant conservation laws in Riemannian spaces. II. *Journal of Mathematical Physics*, 7(7):1310–1320, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1310\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1310_s1).

**Stachel:1966:CGN**

- [432] John J. Stachel. Cylindrical gravitational news. *Journal of Mathematical Physics*, 7(7):1321–1331, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1321\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1321_s1).

**Taylor:1966:MES**

- [433] C. D. Taylor. On the motion of electrons scattered from an infinite slab. *Journal of Mathematical Physics*, 7(7):1332–1334, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1332\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1332_s1).

**Tjon:1966:NQT**

- [434] J. A. Tjon. A note on the quantum theory of electrical conductivity. *Journal of Mathematical Physics*, 7(7):1335–1336, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1335\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1335_s1).

**Wolfson:1966:CFE**

- [435] Seymour J. Wolfson. A closed form for Elsasser integrals. *Journal of Mathematical Physics*, 7(7):1337–1339, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1337\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1337_s1).

**Glasser:1966:ENE**

- [436] M. L. Glasser. Erratum: “Note on the Evaluation of Some Fermi Integrals”. *Journal of Mathematical Physics*, 7(7):1340, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1340\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1340_s1). See [3].

**Taylor:1966:EPS**

- [437] John G. Taylor. Erratum: “On Polynomial Systems in a Banach Ring”. *Journal of Mathematical Physics*, 7(7):1340, July 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1340\\_s2](http://jmp.aip.org/resource/1/jmapaq/v7/i7/p1340_s2). See [142].

**Arens:1966:LLN**

- [438] Richard Arens. Laws like Newton’s. *Journal of Mathematical Physics*, 7(8):1341–1348, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1341\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1341_s1).

**Bertotti:1966:DMS**

- [439] Bruno Bertotti. Doppler measurement of space–time curvature. *Journal of Mathematical Physics*, 7(8):1349–1350, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1349\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1349_s1).

**Bronzan:1966:TMS**

- [440] J. B. Bronzan. A two-meson solution of the charged scalar static model. *Journal of Mathematical Physics*, 7(8):1351–1361, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1351\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1351_s1).

**Cantoni:1966:CRG**

- [441] Vittorio Cantoni. A class of representations of the generalized Bondi–Metzner group. *Journal of Mathematical Physics*, 7(8):1361–1364, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1361\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1361_s1).

**Chen:1966:RCQ**

- [442] T. W. Chen, F. Rohrlich, and M. Wilner. Role of causality in quantum field theory and the dynamical postulate. *Journal of Mathematical Physics*, 7(8):1365–1371, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1365\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1365_s1).

**Riccia:1966:WMC**

- [443] Giacomo Della Riccia and Norbert Wiener. Wave mechanics in classical phase space, Brownian motion, and quantum theory. *Journal of Mathematical Physics*, 7(8):1372–1383, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1372\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1372_s1).

**DesCloizeaux:1966:ALM**

- [444] Jacques Des Cloizeaux and Michel Gaudin. Anisotropic linear magnetic chain. *Journal of Mathematical Physics*, 7(8):1384–1400, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1384\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1384_s1).

**Dulock:1966:DCM**

- [445] Victor A. Dulock and Harold V. McIntosh. Degeneracy of cyclotron motion. *Journal of Mathematical Physics*, 7(8):1401–1412, August



1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1401\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1401_s1).

**Emch:1966:DSQ**

- [446] Gérard G. Emch. The definition of states in quantum statistical mechanics. *Journal of Mathematical Physics*, 7(8):1413–1420, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1413\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1413_s1).

**Frantz:1966:WPD**

- [447] Lee M. Frantz. Wave-packet derivation of field-theoretic scattering amplitude. *Journal of Mathematical Physics*, 7(8):1421–1435, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1421\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1421_s1).

**Hardy:1966:CDF**

- [448] Robert J. Hardy. Concise derivation of the formulas for lattice thermal conductivity. *Journal of Mathematical Physics*, 7(8):1435–1438, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1435\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1435_s1).

**Hardy:1966:HOC**

- [449] Robert J. Hardy and William C. Schieve. Higher-order corrections to the lattice thermal conductivity. *Journal of Mathematical Physics*, 7(8):1439–1452, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1439\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1439_s1).

**Johnston:1966:GSH**

- [450] Tudor Wyatt Johnston. General spherical harmonic tensors in the Boltzmann equation. *Journal of Mathematical Physics*, 7(8):1453–1458, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1453\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1453_s1).

**Karayianis:1966:ESS**

- [451] N. Karayianis, C. A. Morrison, and D. E. Wortman. Exact solutions for a semi-infinite square lattice gas. *Journal of Mathematical Physics*, 7(8):1458–1463, August 1966. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1458\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1458_s1).

**Landshoff:1966:ESM**

- [452] P. V. Landshoff and D. I. Olive. Extraction of singularities from the S matrix. *Journal of Mathematical Physics*, 7(8):1464–1477, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1464\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1464_s1).

**Lurie:1966:GWI**

- [453] D. Lurié, Y. Takahashi, and H. Umezawa. Generalized Ward identity and unified treatment of conservation laws. *Journal of Mathematical Physics*, 7(8):1478–1483, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1478\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1478_s1).

**Nagle:1966:LSHa**

- [454] J. F. Nagle. Lattice statistics of hydrogen bonded crystals. I. The residual entropy of ice. *Journal of Mathematical Physics*, 7(8):1484–1491, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1484\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1484_s1).

**Nagle:1966:LSHb**

- [455] J. F. Nagle. Lattice statistics of hydrogen bonded crystals. II. The Slater KDP model and the Rys  $F$ -model. *Journal of Mathematical Physics*, 7(8):1492–1496, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1492\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1492_s1).

**Nickle:1966:NQT**

- [456] H. H. Nickle. Nonrelativistic quantum theory of an electron in an arbitrarily intense laser field. *Journal of Mathematical Physics*, 7(8):1497–1506, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1497\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1497_s1). See erratum [763].

**Ramanathan:1966:NCS**

- [457] G. V. Ramanathan. A new cluster scheme in statistical physics. *Journal of Mathematical Physics*, 7(8):1507–1514, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1507\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1507_s1).

**Sabatier:1966:APP**

- [458] Pierre C. Sabatier. Asymptotic properties of the potentials in the inverse-scattering problem at fixed energy. *Journal of Mathematical Physics*, 7(8):1515–1531, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1515\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1515_s1).

**Stell:1966:SIP**

- [459] G. Stell, J. L. Lebowitz, S. Baer, and W. Theumann. Separation of the interaction potential into two parts in statistical mechanics. II. Graph theory for lattice gases and spin systems with application to systems with long-range potentials. *Journal of Mathematical Physics*, 7(8):1532–1547, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1532\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1532_s1).

**Zaccaria:1966:TCG**

- [460] F. Zaccaria. A theorem on the Clebsch–Gordan series in  $A(1)$ ,  $B(1)$ ,  $C(1)$ , and  $D(1)$ . *Journal of Mathematical Physics*, 7(8):1548–1551, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1548\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1548_s1).

**Zwanzig:1966:PEM**

- [461] Robert Zwanzig. Probability and entropy of macroscopic fluctuations. *Journal of Mathematical Physics*, 7(8):1552–1556, August 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1552\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i8/p1552_s1).

**Sykes:1966:LCS**

- [462] M. F. Sykes, J. W. Essam, B. R. Heap, and B. J. Hiley. Lattice constant systems and graph theory. *Journal of Mathematical Physics*, 7(9):1557–1572, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1557\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1557_s1).

**Essam:1966:PPL**

- [463] J. W. Essam and M. F. Sykes. Percolation processes. I. Low-density expansion for the mean number of clusters in a random mixture. *Journal of Mathematical Physics*, 7(9):1573–1581, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1573\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1573_s1).

**Heap:1966:EHI**

- [464] B. R. Heap. The enumeration of homeomorphically irreducible star graphs. *Journal of Mathematical Physics*, 7(9):1582–1587, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1582\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1582_s1).

**Nagle:1966:OIU**

- [465] John F. Nagle. On ordering and identifying undirected linear graphs. *Journal of Mathematical Physics*, 7(9):1588–1592, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1588\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1588_s1).

**Landshoff:1966:NTS**

- [466] P. V. Landshoff, D. I. Olive, and J. C. Polkinghorne. Normal thresholds in subenergy variables. *Journal of Mathematical Physics*, 7(9):1593–1599, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1593\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1593_s1).

**Landshoff:1966:ICS**

- [467] P. V. Landshoff, D. I. Olive, and J. C. Polkinghorne. The icecream-cone singularity in  $S$ -matrix theory. *Journal of Mathematical Physics*, 7(9):1600–1606, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1600\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1600_s1).

**Atkinson:1966:ESE**

- [468] D. Atkinson. Existence of solutions of  $N/D$  equations. *Journal of Mathematical Physics*, 7(9):1607–1612, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1607\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1607_s1).

**Blood:1966:PDF**

- [469] F. A. Blood. The  $r$ -particle distribution function in classical physics. *Journal of Mathematical Physics*, 7(9):1613–1619, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1613\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1613_s1).

**Bruch:1966:DM**

- [470] L. W. Bruch.  $N$  degenerate modes. *Journal of Mathematical Physics*, 7(9):1620–1624, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1620\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1620_s1).

**Farnsworth:1966:HDF**

- [471] David L. Farnsworth and Roy P. Kerr. Homogeneous dust-filled cosmological solutions. *Journal of Mathematical Physics*, 7(9):1625–1632, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1625\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1625_s1).

**Finkelstein:1966:QST**

- [472] R. Finkelstein. On quantization in space with torsion. *Journal of Mathematical Physics*, 7(9):1632–1642, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1632\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1632_s1).

**Fonda:1966:APR**

- [473] L. Fonda, G. C. Ghirardi, T. Weber, and A. Rimini. Analytic properties of resolvents and completeness. *Journal of Mathematical Physics*, 7(9):1643–1647, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1643\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1643_s1).

**Giere:1966:RHW**

- [474] Albert C. Giere. Relativistic hydromagnetic waves and group velocity. *Journal of Mathematical Physics*, 7(9):1648–1656, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1648\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1648_s1).

**Licht:1966:LS**

- [475] A. L. Licht. Local states. *Journal of Mathematical Physics*, 7(9):1656–1669, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1656\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1656_s1).

**Nussinov:1966:APB**

- [476] S. Nussinov and J. Rosner. Absorptive parts and the Bethe–Salpeter equation for forward scattering. *Journal of Mathematical Physics*, 7

(9):1670–1679, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1670\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1670_s1).

**Prugovecki:1966:FGQ**

- [477] Eduard Prugovecki. A formalism for generalized quantum mechanics. *Journal of Mathematical Physics*, 7(9):1680–1696, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1680\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1680_s1).

**Rohrlich:1966:OT**

- [478] F. Rohrlich and J. G. Wray. Ordering theorems. *Journal of Mathematical Physics*, 7(9):1697–1706, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1697\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1697_s1).

**Scharfstein:1966:AAT**

- [479] H. Scharfstein. Algebraic aspects of trilinear commutation relations. *Journal of Mathematical Physics*, 7(9):1707–1719, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1707\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1707_s1).

**Taylor:1966:EFT**

- [480] J. G. Taylor. On the existence of field theory. I. The analytic approach. *Journal of Mathematical Physics*, 7(9):1720–1729, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1720\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1720_s1).

**Teitler:1966:SS**

- [481] S. Teitler. The structure of 4-spinors. *Journal of Mathematical Physics*, 7(9):1730–1738, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1730\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1730_s1).

**Teitler:1966:LEU**

- [482] S. Teitler. Lorentz equivalence, unitary symmetry, and spin unitary symmetry. *Journal of Mathematical Physics*, 7(9):1739–1743, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1739\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1739_s1).

**Ullman:1966:NSS**

- [483] Nelly Ullman and Robert Ullman. Numerical solutions of singular Fredholm equations. *Journal of Mathematical Physics*, 7(9):1743–1748, September 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1743\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i9/p1743_s1).

**Boyling:1966:CVC**

- [484] J. B. Boyling. Construction of vanishing cycles for integrals over hyperspheres. *Journal of Mathematical Physics*, 7(10):1749–1763, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1749\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1749_s1).

**Devooght:1966:VGF**

- [485] J. Devooght. Variation of Green's functions. *Journal of Mathematical Physics*, 7(10):1764–1770, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1764\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1764_s1).

**Faulkner:1966:ECM**

- [486] James E. Faulkner. The existence of closed magnetic surfaces. *Journal of Mathematical Physics*, 7(10):1771–1775, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1771\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1771_s1).

**Fisher:1966:DSP**

- [487] Michael E. Fisher. On the dimer solution of planar Ising models. *Journal of Mathematical Physics*, 7(10):1776–1781, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1776\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1776_s1).

**Greenman:1966:HEB**

- [488] J. V. Greenman. High-energy behavior of Feynman integrals with spin. I. *Journal of Mathematical Physics*, 7(10):1782–1796, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1782\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1782_s1).

**Gruber:1966:AMD**

- [489] B. Gruber. On an algebraic method for the decomposition of direct products of representations of the groups  $A_2(\text{SU}(3))$  and  $B_2(\text{SO}(5))$ . *Journal*

*of Mathematical Physics*, 7(10):1797–1801, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1797\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1797_s1).

**Katz:1966:SCS**

- [490] Amnon Katz. Scattering cross section for a beam of wave packets. *Journal of Mathematical Physics*, 7(10):1802–1805, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1802\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1802_s1).

**Kobe:1966:LCT**

- [491] Donald H. Kobe. Linked cluster theorem and the Green’s function equations of motion for a many-fermion system. *Journal of Mathematical Physics*, 7(10):1806–1820, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1806\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1806_s1).

**Lopuszanski:1966:RRQ**

- [492] Jan Lopuszanski and Helmut Reeh. A remark on a reducible quantum field theory with a one-parameter symmetry group. *Journal of Mathematical Physics*, 7(10):1821–1823, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1821\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1821_s1).

**Mehta:1966:CIUa**

- [493] M. L. Mehta. Classification of irreducible unitary representations of compact simple Lie groups. I. *Journal of Mathematical Physics*, 7(10):1824–1832, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1824\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1824_s1).

**Mehta:1966:CIUb**

- [494] M. L. Mehta and P. K. Srivastava. Classification of irreducible unitary representations of compact simple Lie groups. II. *Journal of Mathematical Physics*, 7(10):1833–1835, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1833\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1833_s1).

**Misra:1966:TDF**

- [495] R. M. Misra and R. A. Singh. Three-dimensional formulation of gravitational null fields. I. *Journal of Mathematical Physics*, 7(10):1836–1840, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-



7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1836\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1836_s1).

**Nozawa:1966:BES**

- [496] Reikichi Nozawa. Bipolar expansion of screened Coulomb potentials, Helmholtz' Solid harmonics, and their addition theorems. *Journal of Mathematical Physics*, 7(10):1841–1860, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1841\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1841_s1).

**Raczka:1966:DDR**

- [497] R. Raczka, N. Limić, and J. Niederle. Discrete degenerate representations of noncompact rotation groups. I. *Journal of Mathematical Physics*, 7(10):1861–1876, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1861\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1861_s1).

**Rubin:1966:MAF**

- [498] Robert J. Rubin and Pieter Ullersma. The momentum autocorrelation function in a Bernoulli chain. *Journal of Mathematical Physics*, 7(10):1877–1885, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1877\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1877_s1).

**Santhanam:1966:SRC**

- [499] T. S. Santhanam. Some remarks on the construction of invariants of semisimple local Lie groups. *Journal of Mathematical Physics*, 7(10):1886–1888, October 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1886\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i10/p1886_s1).

**Abraham:1966:TPT**

- [500] C. Abraham. Transformation of Proca-type system of partial differential equations. *Journal of Mathematical Physics*, 7(11):1889–1890, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1889\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1889_s1).

**Armstrong:1966:REA**

- [501] Lloyd Armstrong. Relativistic effects in atomic fine structure. *Journal of Mathematical Physics*, 7(11):1891–1899, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1891\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1891_s1).

**Baker:1966:VPS**

- [502] George A. Baker and Roy Chisholm. The validity of perturbation series with zero radius of convergence. *Journal of Mathematical Physics*, 7(11):1900–1902, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1900\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1900_s1).

**Barut:1966:UAR**

- [503] A. O. Barut and S. Komy. Unitary and antiunitary ray representations of the product of  $n$  commuting parity operators. *Journal of Mathematical Physics*, 7(11):1903–1907, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1903\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1903_s1).

**Barut:1966:IRC**

- [504] A. O. Barut. On irreducible representation of a class of algebras and related projective representations. *Journal of Mathematical Physics*, 7(11):1908–1910, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1908\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1908_s1).

**Denman:1966:ICL**

- [505] Harry H. Denman. Invariance and conservation laws in classical mechanics. II. *Journal of Mathematical Physics*, 7(11):1910–1915, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1910\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1910_s1).

**DeYoung:1966:RSF**

- [506] David S. De Young. Relativistic spinor formulation of Stokes parameters with application to the inverse Compton effect. *Journal of Mathematical Physics*, 7(11):1916–1923, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1916\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1916_s1).

**Flamand:1966:SSE**

- [507] G. Flamand. The solution of a Stark-effect model as a dynamical group calculation. *Journal of Mathematical Physics*, 7(11):1924–1931, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1924\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1924_s1).

**Flato:1966:CBE**

- [508] Moshé Flato and Daniel Sternheimer. On the connection between external and internal symmetries of strongly interacting particles. *Journal of Mathematical Physics*, 7(11):1932–1958, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1932\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1932_s1).

**Fleming:1966:MCD**

- [509] Gordon N. Fleming. A manifestly covariant description of arbitrary dynamical variables in relativistic quantum mechanics. *Journal of Mathematical Physics*, 7(11):1959–1981, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1959\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1959_s1).

**Handelsman:1966:ATC**

- [510] R. Handelsman and R. M. Lewis. The asymptotic theory of Cerenkov radiation. *Journal of Mathematical Physics*, 7(11):1982–1999, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1982\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p1982_s1).

**Jones:1966:CTP**

- [511] Gerald L. Jones. Complex temperatures and phase transitions. *Journal of Mathematical Physics*, 7(11):2000–2005, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2000\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2000_s1).

**Jordan:1966:CCS**

- [512] Thomas F. Jordan. Characterizing coherent states of the radiation field. *Journal of Mathematical Physics*, 7(11):2006–2008, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2006\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2006_s1).

**Kacser:1966:DTG**

- [513] C. Kacser. The discontinuities of the triangle graph as a function of an internal mass. II. *Journal of Mathematical Physics*, 7(11):2008–2025, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2008\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2008_s1).

**Limic:1966:CDR**

- [514] N. Limić, J. Niederle, and R. Raczka. Continuous degenerate representations of noncompact rotation groups. II. *Journal of Mathematical Physics*, 7(11):2026–2035, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2026\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2026_s1).

**McCormick:1966:BOR**

- [515] N. J. McCormick and I. Kuscer. Bi-orthogonality relations for solving half-space transport problems. *Journal of Mathematical Physics*, 7(11):2036–2045, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2036\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2036_s1).

**Mattis:1966:TPI**

- [516] Daniel C. Mattis and Elliott H. Lieb. Theory of paramagnetic impurities in semiconductors. *Journal of Mathematical Physics*, 7(11):2045–2052, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2045\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2045_s1).

**Mitzner:1966:ASI**

- [517] K. M. Mitzner. Acoustic scattering from an interface between media of greatly different density. *Journal of Mathematical Physics*, 7(11):2053–2060, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2053\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2053_s1).

**Robinson:1966:IFQ**

- [518] Peter D. Robinson. Integral forms for quantum-mechanical momentum operators. *Journal of Mathematical Physics*, 7(11):2060–2065, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2060\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2060_s1).

**Rosen:1966:EPS**

- [519] Gerald Rosen. Existence of particlelike solutions to nonlinear field theories. *Journal of Mathematical Physics*, 7(11):2066–2070, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2066\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2066_s1).

**Rosen:1966:NLP**

- [520] Gerald Rosen. Nonexistence of localized periodic solutions to nonlinear field theories. *Journal of Mathematical Physics*, 7(11):2071, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2071\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2071_s1).

**Rosen:1966:SOE**

- [521] Joe Rosen and Paul Roman. Some observations on enveloping algebras of noncompact groups. *Journal of Mathematical Physics*, 7(11):2072–2078, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2072\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2072_s1).

**Sabatier:1966:APC**

- [522] Pierre C. Sabatier. Analytic properties of a class of potentials and the corresponding Jost functions. *Journal of Mathematical Physics*, 7(11):2079–2091, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2079\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2079_s1).

**Siewert:1966:RTI**

- [523] C. E. Siewert and P. F. Zweifel. Radiative transfer. II. *Journal of Mathematical Physics*, 7(11):2092–2102, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2092\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2092_s1).

**Spector:1966:TPS**

- [524] Richard M. Spector. A theorem on peratization of singular potentials and other miscellanea. *Journal of Mathematical Physics*, 7(11):2103–2106, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2103\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2103_s1).

**Prugovecki:1966:NHS**

- [525] Eduard Prugovecki. A non-Hilbert-space formulation of quantum field theory. *Journal of Mathematical Physics*, 7(11):2107–2120, November 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2107\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i11/p2107_s1).

**Case:1966:SIE**

- [526] K. M. Case. Singular integral equations. *Journal of Mathematical Physics*, 7(12):2121–2124, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2121\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2121_s1).

**Case:1966:SSC**

- [527] K. M. Case. Singular solutions of certain integral equations. *Journal of Mathematical Physics*, 7(12):2125–2135, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2125\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2125_s1).

**DesCloizeaux:1966:SFG**

- [528] J. Des Cloizeaux. A soluble Fermi-gas model. validity of transformations of the Bogoliubov type. *Journal of Mathematical Physics*, 7(12):2136–2144, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2136\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2136_s1).

**Compton:1966:TDG**

- [529] R. T. Compton. The time-dependent Green's function for electromagnetic waves in moving simple media. *Journal of Mathematical Physics*, 7(12):2145–2152, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2145\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2145_s1).

**Frieman:1966:PCB**

- [530] Edward A. Frieman and Robert Goldman. Propagation of correlations in a Boltzmann gas. *Journal of Mathematical Physics*, 7(12):2153–2170, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2153\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2153_s1).

**Gale:1966:PLS**

- [531] William A. Gale. Peratization of the logarithmically singular potential. *Journal of Mathematical Physics*, 7(12):2171–2173, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2171\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2171_s1).

**Gotsman:1966:AAR**

- [532] E. Gotsman and Y. Ne'eman. Algebraic aspects of Regge recurrences. *Journal of Mathematical Physics*, 7(12):2174–2177, December 1966. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2174\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2174_s1).

**Grover:1966:AED**

- [533] Richard Grover. Asymptotic expansions of the Dirac density matrix. *Journal of Mathematical Physics*, 7(12):2178–2186, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2178\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2178_s1).

**Johnson:1966:SNQ**

- [534] B. Robert Johnson and Don Secrest. The solution of the nonrelativistic quantum scattering problem without exchange. *Journal of Mathematical Physics*, 7(12):2187–2195, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2187\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2187_s1).

**Keam:1966:PCG**

- [535] R. F. Keam. Properties of a causal Green's function for the Bethe–Salpeter equation. *Journal of Mathematical Physics*, 7(12):2196–2210, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2196\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2196_s1).

**Kuszell:1966:NDK**

- [536] A. Kuszell. A new derivation of the kinetic equation for an inhomogeneous plasma. *Journal of Mathematical Physics*, 7(12):2211–2216, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2211\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2211_s1).

**Levy-Leblond:1966:GDM**

- [537] Jean-Marc Lévy-Leblond. Global and democratic methods for classifying  $N$ -particle states. *Journal of Mathematical Physics*, 7(12):2217–2229, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2217\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2217_s1).

**Polkinghorne:1966:HAM**

- [538] J. C. Polkinghorne. Hermitian analyticity and  $S$ -matrix singularity structure. *Journal of Mathematical Physics*, 7(12):2230–2234, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2230\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2230_s1).

**Voisin:1966:RHG**

- [539] Jacques Voisin. Representations of the homogeneous Galilei group in a spherical basis and the asymptotic behavior of relativistic special functions. *Journal of Mathematical Physics*, 7(12):2235–2237, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2235\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2235_s1).

**Baker:1966:DSI**

- [540] George A. Baker. Drum shapes and isospectral graphs. *Journal of Mathematical Physics*, 7(12):2238–2242, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2238\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2238_s1).

**Chester:1966:FT**

- [541] G. V. Chester and J. Sykes. Factorization theorems. *Journal of Mathematical Physics*, 7(12):2243–2250, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2243\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2243_s1).

**Chester:1966:RBL**

- [542] G. V. Chester and J. Sykes. Relationship between linear response theory and the Boltzmann equation for a weakly interacting system of electrons and phonons. *Journal of Mathematical Physics*, 7(12):2251–2260, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2251\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2251_s1).

**Horwitz:1966:SMF**

- [543] G. Horwitz. Statistical mechanics of finite systems: Asymptotic expansions. I. Two petit canonical ensembles —  $(N, V, T)$  and  $(N, p, T)$  systems. *Journal of Mathematical Physics*, 7(12):2261–2270, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2261\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2261_s1).

**Landsberg:1966:CSR**

- [544] P. T. Landsberg and D. J. Morgan. A class of sum rules with application to nondegenerate perturbation theory. *Journal of Mathematical Physics*, 7(12):2271–2277, December 1966. CODEN JMAPAQ. ISSN 0022-2488



(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2271\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2271_s1).

**Majumdar:1966:MPS**

- [545] C. K. Majumdar and J. Zittartz. Minimal potentials for schrödinger equation with fixed eigenvalue. *Journal of Mathematical Physics*, 7(12):2278–2279, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2278\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2278_s1).

**Alcaras:1966:EAG**

- [546] J. A. Castilho Alcarás, V. C. Aguilera Navarro, and P. Leal Ferreira. Erratum: “Applications of Gel’fand–Moshinsky Bases in Unitary Symmetry and its Breaking”. *Journal of Mathematical Physics*, 7(12):2280, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2280\\_s1](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2280_s1). See [292].

**Granzow:1966:EMT**

- [547] Kenneth D. Granzow. Erratum: “Multipole Theory in the Time Domain”. *Journal of Mathematical Physics*, 7(12):2280, December 1966. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2280\\_s2](http://jmp.aip.org/resource/1/jmapaq/v7/i12/p2280_s2). See [347].

**Broido:1967:CBR**

- [548] Michael M. Broido. Certain bootstraps and related equations. *Journal of Mathematical Physics*, 8(1):1–6, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p1\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p1_s1).

**Bronzan:1967:TMS**

- [549] J. B. Bronzan. Two-meson solution of the charged scalar static model with bound states. *Journal of Mathematical Physics*, 8(1):6–12, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p6\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p6_s1).

**Emch:1967:CIP**

- [550] Gérard G. Emch. Common interpretation of phase transitions in various models. *Journal of Mathematical Physics*, 8(1):13–18, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p13\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p13_s1).

**Emch:1967:VWW**

- [551] Gérard G. Emch. van der Waals wiggles, Maxwell rule, and temperature-dependent excitations. *Journal of Mathematical Physics*, 8(1):19–25, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p19\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p19_s1).

**Greenman:1967:HEB**

- [552] J. V. Greenman. High-energy behavior of Feynman integrals with spin. II. *Journal of Mathematical Physics*, 8(1):26–36, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p26\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p26_s1).

**Helstrom:1967:QCA**

- [553] Carl W. Helstrom. Quasi-classical analysis of coupled oscillators. *Journal of Mathematical Physics*, 8(1):37–42, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p37\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p37_s1).

**Lieb:1967:CES**

- [554] Elliott H. Lieb. Calculation of exchange second virial coefficient of a hard-sphere gas by path integrals. *Journal of Mathematical Physics*, 8(1):43–52, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p43\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p43_s1).

**Kostin:1967:GVM**

- [555] Morton D. Kostin and Harvey Brooks. Generalization of the variational method of kahan, rideau, and roussopoulos. II. A variational principle for linear operators and its application to neutron-transport theory. *Journal of Mathematical Physics*, 8(1):53–56, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p53\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p53_s1).

**Mirman:1967:RIG**

- [556] Ronald Mirman. Representations of inhomogeneous  $SU(n)$  groups with mixture of homogeneous and inhomogeneous operators diagonal. *Journal of Mathematical Physics*, 8(1):57–62, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p57\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p57_s1).

**Resnikoff:1967:GCC**

- [557] M. Resnikoff. General coupling coefficients for the group  $SU(3)$ . *Journal of Mathematical Physics*, 8(1):63–79, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p63\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p63_s1).

**Resnikoff:1967:RCG**

- [558] M. Resnikoff. Recoupling coefficients for the group  $SU(3)$ . *Journal of Mathematical Physics*, 8(1):79–83, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p79\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p79_s1).

**Rosenkilde:1967:SETa**

- [559] Carl E. Rosenkilde. Surface-energy tensors. *Journal of Mathematical Physics*, 8(1):84–88, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p84\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p84_s1).

**Rosenkilde:1967:SETb**

- [560] Carl E. Rosenkilde. Surface-energy tensors for ellipsoids. *Journal of Mathematical Physics*, 8(1):88–97, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p88\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p88_s1).

**Rosenkilde:1967:SAF**

- [561] Carl E. Rosenkilde. Stability of axisymmetric figures of equilibrium of a rotating charged liquid drop. *Journal of Mathematical Physics*, 8(1):98–118, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p98\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p98_s1).

**Tauber:1967:EUC**

- [562] G. E. Tauber. Expanding universe in conformally flat coordinates. *Journal of Mathematical Physics*, 8(1):118–123, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p118\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p118_s1).

**Suzuki:1967:ODI**

- [563] Masuo Suzuki, Bunjiro Tsujiyama, and Shigetoshi Katsura. One-dimensional Ising model with general spin. *Journal of Mathematical Physics*, 8(1):124–130, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p124\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p124_s1).

**Wenger:1967:CRV**

- [564] Daniel L. Wenger. Canonical root vectors of  $SU_n$ . *Journal of Mathematical Physics*, 8(1):131–135, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p131\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p131_s1).

**Wenger:1967:RFG**

- [565] Daniel L. Wenger. Representation functions of the group of motions of Clifford space. *Journal of Mathematical Physics*, 8(1):135–140, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p135\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p135_s1).

**Gilbert:1967:RIO**

- [566] R. P. Gilbert and H. C. Howard. Role of the integral-operator method in the theory of potential scattering. *Journal of Mathematical Physics*, 8(1):141–148, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p141\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p141_s1).

**Pomraning:1967:VPE**

- [567] G. C. Pomraning. Variational principle for eigenvalue equations. *Journal of Mathematical Physics*, 8(1):149–158, January 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i1/p149\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i1/p149_s1).

**Bergmann:1967:ISE**

- [568] Saul M. Bergmann. Induced and spontaneous emission. *Journal of Mathematical Physics*, 8(2):159–169, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p159\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p159_s1).

**Evans:1967:DSU**

- [569] N. T. Evans. Discrete series for the universal covering group of the  $3 + 2$  de Sitter group. *Journal of Mathematical Physics*, 8(2):170–184, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p170\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p170_s1).

**Fairlie:1967:SCM**

- [570] D. B. Fairlie. Structure of the crossing matrix for arbitrary internal symmetry groups. II. Matrices in  $SU(n)$ . *Journal of Mathematical Physics*,

8(2):185–188, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p185\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p185_s1).

**Foster:1967:NRT**

- [571] J. Foster and E. T. Newman. Note on the Robinson–Trautman solutions. *Journal of Mathematical Physics*, 8(2):189–194, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p189\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p189_s1).

**Frank:1967:PLR**

- [572] William M. Frank. Point-loop renormalization in regularized field theories. I. *Journal of Mathematical Physics*, 8(2):194–200, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p194\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p194_s1).

**Hill:1967:IAD**

- [573] Robert Nyden Hill. Instantaneous action-at-a-distance in classical relativistic mechanics. *Journal of Mathematical Physics*, 8(2):201–220, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p201\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p201_s1).

**Hosokawa:1967:FAC**

- [574] Iwao Hosokawa. Functional approach to classical non-equilibrium statistical mechanics. *Journal of Mathematical Physics*, 8(2):221–229, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p221\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p221_s1).

**Maldonado:1967:SRM**

- [575] C. D. Maldonado. Series representation method for obtaining the emission coefficient from the integrated intensity distribution for asymmetrical light sources. *Journal of Mathematical Physics*, 8(2):230–239, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p230\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p230_s1).

**McLeod:1967:RED**

- [576] J. B. McLeod and R. S. B. Ong. Relaxation to equilibrium of a dilute electron plasma. *Journal of Mathematical Physics*, 8(2):240–247, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (elec-

tronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p240\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p240_s1).

**Su:1967:TLF**

- [577] C. H. Su. Theory of the linear Fokker–Planck collision operator. *Journal of Mathematical Physics*, 8(2):248–254, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p248\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p248_s1).

**Anderson:1967:RBF**

- [578] James L. Anderson and Samuel Schiminovich. Relations between field-plus source and Fokker-type action principles. *Journal of Mathematical Physics*, 8(2):255–264, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p255\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p255_s1).

**Boyer:1967:MAE**

- [579] Robert H. Boyer and Richard W. Lindquist. Maximal analytic extension of the Kerr metric. *Journal of Mathematical Physics*, 8(2):265–281, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p265\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p265_s1).

**Dorfman:1967:DKT**

- [580] J. R. Dorfman and E. G. D. Cohen. Difficulties in the kinetic theory of dense gases. *Journal of Mathematical Physics*, 8(2):282–297, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p282\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p282_s1).

**Chappell:1967:MAK**

- [581] Willard R. Chappell. Microscopic approach to kinetic theory. *Journal of Mathematical Physics*, 8(2):298–305, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p298\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p298_s1).

**Leff:1967:TIP**

- [582] Harvey S. Leff and Michael H. Coopersmith. Translational invariance properties of a finite one-dimensional hard-core fluid. *Journal of Mathematical Physics*, 8(2):306–314, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p306\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p306_s1).

**Dobson:1967:TAP**

- [583] Peter N. Dobson. Temperateness of the absorptive part of the scattering amplitude in the proof of dispersion relations. *Journal of Mathematical Physics*, 8(2):315–319, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p315\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p315_s1).

**Eden:1967:CCM**

- [584] R. J. Eden. Consistency conditions on models for high-energy scattering. *Journal of Mathematical Physics*, 8(2):320–325, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p320\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p320_s1).

**Ozsvath:1967:HLU**

- [585] István Ozsváth. Homogeneous Lichnerowicz universes. *Journal of Mathematical Physics*, 8(2):326–344, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p326\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p326_s1).

**Penrose:1967:TA**

- [586] R. Penrose. Twistor algebra. *Journal of Mathematical Physics*, 8(2):345–366, February 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i2/p345\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i2/p345_s1).

**Aly:1967:SPZ**

- [587] H. H. Aly and H. J. W. Müller. Singular potentials and the  $Z = 0$  condition. *Journal of Mathematical Physics*, 8(3):367–372, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p367\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p367_s1).

**Atkinson:1967:NUT**

- [588] D. Atkinson and M. B. Halpern. Non-usual topologies on space-time and high-energy scattering. *Journal of Mathematical Physics*, 8(3):373–387, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p373\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p373_s1).

**Banta:1967:MEM**

- [589] Edwin D. Banta. Modification of the Ehrenfest model in statistical mechanics. *Journal of Mathematical Physics*, 8(3):387–388, March

1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p387\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p387_s1).

**Girardeau:1967:TEH**

- [590] M. D. Girardeau. Thermodynamically equivalent Hamiltonian method in nonequilibrium statistical mechanics. *Journal of Mathematical Physics*, 8(3):389–399, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p389\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p389_s1).

**Baxter:1967:LWW**

- [591] Glen Baxter. Local weights which determine area, and the Ising model. *Journal of Mathematical Physics*, 8(3):399–405, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p399\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p399_s1).

**Bernstein:1967:NCR**

- [592] Herbert J. Bernstein. New characterization of the ray representations of the Galilei group. *Journal of Mathematical Physics*, 8(3):406–408, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p406\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p406_s1).

**Besieris:1967:TDGa**

- [593] Ioannis M. Besieris. Time-dependent Green's function for electromagnetic radiation in a conducting moving medium: Nonrelativistic approximation. *Journal of Mathematical Physics*, 8(3):409–416, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p409\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p409_s1).

**Cercignani:1967:LRS**

- [594] Carlo Cercignani. Linear representation of spinors by tensors. *Journal of Mathematical Physics*, 8(3):417–422, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p417\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p417_s1).

**Dyson:1967:SM**

- [595] Freeman J. Dyson and A. Lenard. Stability of matter. I. *Journal of Mathematical Physics*, 8(3):423–434, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p423\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p423_s1).



**Coopersmith:1967:TIP**

- [596] Michael H. Coopersmith and Harvey S. Leff. Translational invariance properties of a one-dimensional fluid with forces of finite extent. *Journal of Mathematical Physics*, 8(3):434–442, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p434\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p434_s1).

**Finkelstein:1967:SGH**

- [597] R. J. Finkelstein. Symmetry group of the hydrogen atom. *Journal of Mathematical Physics*, 8(3):443–449, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p443\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p443_s1).

**Kiang:1967:VTR**

- [598] Hsiao S. Kiang. Variational theorem for reduced density matrices. *Journal of Mathematical Physics*, 8(3):450–451, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p450\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p450_s1).

**Fischer:1967:RPW**

- [599] C. R. Fischer and R. Akerib. Relativistic partial wave analysis of electron scattering. *Journal of Mathematical Physics*, 8(3):451–453, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p451\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p451_s1).

**Flores:1967:MIR**

- [600] Jorge Flores. Mixed irreducible representations for  $U_3$ . *Journal of Mathematical Physics*, 8(3):454–459, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p454\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p454_s1).

**Jones:1967:DFD**

- [601] Gerald L. Jones and Robert E. Kennedy. Density fluctuations of a fluid. *Journal of Mathematical Physics*, 8(3):460–466, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p460\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p460_s1).

**Frank:1967:SCL**

- [602] William M. Frank. Strong coupling limit in potential theory. I. *Journal of Mathematical Physics*, 8(3):466–472, March 1967. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p466\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p466_s1).

**Goldstein:1967:VPW**

- [603] Rubin Goldstein. Variational principles and weighted averages. *Journal of Mathematical Physics*, 8(3):473–475, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p473\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p473_s1).

**Schmidt:1967:CID**

- [604] Paul W. Schmidt. Calculation of intersect distribution functions in small angle X-ray scattering. *Journal of Mathematical Physics*, 8(3):475–477, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p475\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p475_s1).

**Griffiths:1967:CIFa**

- [605] Robert B. Griffiths. Correlations in Ising ferromagnets. I. *Journal of Mathematical Physics*, 8(3):478–483, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p478\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p478_s1).

**Griffiths:1967:CIFb**

- [606] Robert B. Griffiths. Correlations in Ising ferromagnets. II. External magnetic fields. *Journal of Mathematical Physics*, 8(3):484–489, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p484\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p484_s1).

**Navon:1967:ESL**

- [607] A. Navon and J. Patera. Embedding of a simple Lie group into a simple Lie group and branching rules. *Journal of Mathematical Physics*, 8(3):489–493, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p489\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p489_s1).

**Hammer:1967:TBS**

- [608] C. L. Hammer and T. A. Weber. Two-body scattering with wave packets. *Journal of Mathematical Physics*, 8(3):494–506, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p494\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p494_s1).

**Jasnow:1967:NDI**

- [609] David Jasnow and Michael Wortis. New derivation of the Ising model cluster expansion. *Journal of Mathematical Physics*, 8(3):507–511, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p507\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p507_s1).

**Masson:1967:PAP**

- [610] D. Masson. Padé approximant and partial-wave integral equation. *Journal of Mathematical Physics*, 8(3):512–514, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p512\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p512_s1).

**Strieder:1967:ULB**

- [611] William Strieder and Stephen Prager. Upper and lower bounds on Knudsen flow rates. *Journal of Mathematical Physics*, 8(3):514–517, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p514\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p514_s1).

**Laporte:1967:WMB**

- [612] O. Laporte and R. G. Fowler. Weber’s mixed boundary-value problem in electrodynamics. *Journal of Mathematical Physics*, 8(3):518–522, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p518\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p518_s1).

**Barston:1967:EPLa**

- [613] E. M. Barston. Eigenvalue problem for Lagrangian systems. *Journal of Mathematical Physics*, 8(3):523–532, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p523\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p523_s1).

**Layzer:1967:LOC**

- [614] Arthur Layzer. Lowest-order correction to many-fermion vertex function. *Journal of Mathematical Physics*, 8(3):532–535, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p532\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p532_s1).

**Macfarlane:1967:RIE**

- [615] A. J. Macfarlane, L. O’Raifeartaigh, and P. S. Rao. Relationship of the internal and external multiplicity structure of compact simple Lie groups.

*Journal of Mathematical Physics*, 8(3):536–546, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p536\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p536_s1).

**McKean:1967:CEH**

- [616] H. P. McKean. Chapman–Enskog–Hilbert expansion for a class of solutions of the telegraph equation. *Journal of Mathematical Physics*, 8(3):547–552, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p547\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p547_s1).

**Nakayama:1967:DHP**

- [617] Toshio Nakayama and John M. Dawson. Derivations of hierarchies for  $N$ -particle systems and Vlasov systems by means of the functional calculus. *Journal of Mathematical Physics*, 8(3):553–560, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p553\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p553_s1).

**Nussenzveig:1967:PPC**

- [618] H. M. Nussenzveig. Phase problem in coherence theory. *Journal of Mathematical Physics*, 8(3):561–572, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p561\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p561_s1).

**Rosen:1967:EMC**

- [619] Gerald Rosen. Equations of motion in classical nonlinear field theories. *Journal of Mathematical Physics*, 8(3):573–575, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p573\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p573_s1).

**Rubin:1967:RWE**

- [620] Robert J. Rubin. Random walk with an excluded origin. *Journal of Mathematical Physics*, 8(3):576–581, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p576\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p576_s1).

**Schultz:1967:SSE**

- [621] T. D. Schultz. Short simple evaluation of expressions of the Debye–Waller form valid for anharmonic modes not in thermal equilibrium. *Journal of Mathematical Physics*, 8(3):581, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p581\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p581_s1).

**Natarajan:1967:QRC**

- [622] S. Natarajan and K. Viswanath. Quaternionic representations of compact metric groups. *Journal of Mathematical Physics*, 8(3):582–589, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p582\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p582_s1).

**Twersky:1967:MSE**

- [623] Victor Twersky. Multiple scattering of electromagnetic waves by arbitrary configurations. *Journal of Mathematical Physics*, 8(3):589–610, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p589\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p589_s1).

**Voisin:1967:RLA**

- [624] Jacques Voisin. Representations of the Lie algebra of the homogeneous Galilei group and their relation to the representations of the Lorentz algebra. *Journal of Mathematical Physics*, 8(3):611–614, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p611\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p611_s1).

**Weinberg:1967:GTR**

- [625] Steven Weinberg. General theory of resistive beam instabilities. *Journal of Mathematical Physics*, 8(3):614–641, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p614\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p614_s1).

**Hostler:1967:RLV**

- [626] Levere Hostler. Runge–Lenz vector and the Coulomb Green’s function. *Journal of Mathematical Physics*, 8(3):642–646, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p642\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p642_s1).

**Tai:1967:TDG**

- [627] C. T. Tai. Time-dependent Green’s function for a moving isotropic nondispersive medium. *Journal of Mathematical Physics*, 8(3):646–647, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p646\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p646_s1).

**Halpern:1967:RBR**

- [628] Francis R. Halpern. Relation between the relativistic and nonrelativistic  $S$ -matrices. *Journal of Mathematical Physics*, 8(3):648–650, March

1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p648\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p648_s1).

**Hartle:1967:EDM**

- [629] James B. Hartle and John R. Taylor. Existence of N and D matrices. *Journal of Mathematical Physics*, 8(3):651–656, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p651\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p651_s1).

**Tanabe:1967:ISL**

- [630] Kosai Tanabe and Kazuhisa Shima. Isoparity and simple Lie group. *Journal of Mathematical Physics*, 8(3):657–662, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p657\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p657_s1).

**DellAntonio:1967:TNP**

- [631] G. F. Dell'Antonio and S. Doplicher. Total number of particles and Fock representation. *Journal of Mathematical Physics*, 8(3):663–666, March 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i3/p663\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i3/p663_s1).

**Bartrum:1967:ETN**

- [632] P. C. Bartrum. Energy tensor of the null electromagnetic field. *Journal of Mathematical Physics*, 8(4):667–674, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p667\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p667_s1).

**Boyce:1967:RPW**

- [633] J. F. Boyce. Relation of the  $O(2, 1)$  partial-wave expansion to the Regge representation. *Journal of Mathematical Physics*, 8(4):675–684, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p675\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p675_s1).

**Barut:1967:TOM**

- [634] A. O. Barut and H. Kleinert. Tensor operators and mass formula in the minimal extension of  $U_3$  by charge conjugation. *Journal of Mathematical Physics*, 8(4):685–686, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p685\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p685_s1).

**Campbell:1967:EPS**

- [635] Graham H. Campbell, Joseph V. Lepore, and Robert J. Riddell. Evaluation of phase-space integrals. *Journal of Mathematical Physics*, 8(4):687–691, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p687\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p687_s1).

**Biedenharn:1967:CDW**

- [636] L. C. Biedenharn, A. Giovannini, and J. D. Louck. Canonical definition of Wigner coefficients in  $U_n$ . *Journal of Mathematical Physics*, 8(4):691–700, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p691\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p691_s1).

**Collinson:1967:NTA**

- [637] C. D. Collinson and D. C. French. Null tetrad approach to motions in empty space-time. *Journal of Mathematical Physics*, 8(4):701–708, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p701\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p701_s1).

**Cook:1967:IRS**

- [638] T. Cook and B. Sakita. Induced representations of strong coupling groups. *Journal of Mathematical Physics*, 8(4):708–713, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p708\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p708_s1).

**Derome:1967:SPJ**

- [639] Jean-Robert Derome. Symmetry properties of the 3 j symbols for  $SU(3)$ . *Journal of Mathematical Physics*, 8(4):714–716, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p714\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p714_s1).

**Cunningham:1967:BPS**

- [640] Andrew A. Cunningham. Bootstrap prediction of symmetry for a soluble static model. *Journal of Mathematical Physics*, 8(4):716–729, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p716\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p716_s1).

**Doebner:1967:GES**

- [641] H. D. Doebner and G. C. Hegerfeldt. Group embedding of space-time and internal symmetry groups. *Journal of Mathematical Physics*, 8(4):

730–741, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p730\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p730_s1).

**Essam:1967:DWF**

- [642] John W. Essam. Determination of weight factors in linked-cluster expansions for lattice systems. *Journal of Mathematical Physics*, 8(4):741–749, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p741\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p741_s1).

**Epstein:1967:CIM**

- [643] Henri Epstein. CTP invariance of the  $S$ -matrix in a theory of local observables. *Journal of Mathematical Physics*, 8(4):750–767, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p750\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p750_s1).

**Galindo:1967:LAE**

- [644] A. Galindo. Lie algebra extensions of the Poincaré algebra. *Journal of Mathematical Physics*, 8(4):768–774, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p768\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p768_s1).

**Gamba:1967:PED**

- [645] A. Gamba. Peculiarities of the eight-dimensional space. *Journal of Mathematical Physics*, 8(4):775–781, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p775\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p775_s1).

**Geroch:1967:TGR**

- [646] Robert P. Geroch. Topology in general relativity. *Journal of Mathematical Physics*, 8(4):782–786, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p782\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p782_s1).

**Gluck:1967:DRS**

- [647] M. Glück, Y. Gur, and J. Zak. Double representations of space groups. *Journal of Mathematical Physics*, 8(4):787–790, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p787\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p787_s1).



**Lewis:1967:ETL**

- [648] Jordan D. Lewis. Expansion theorem for the linearized Fokker–Planck equation. *Journal of Mathematical Physics*, 8(4):791–798, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p791\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p791_s1).

**Hestenes:1967:RSF**

- [649] David Hestenes. Real spinor fields. *Journal of Mathematical Physics*, 8(4):798–808, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p798\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p798_s1).

**Hestenes:1967:SI**

- [650] David Hestenes. Spin and isospin. *Journal of Mathematical Physics*, 8(4):809–812, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p809\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p809_s1).

**Hurley:1967:ODT**

- [651] James Hurley. One-dimensional three-body problem. *Journal of Mathematical Physics*, 8(4):813–815, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p813\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p813_s1).

**Innes:1967:QSM**

- [652] Frederick R. Innes. Quasi-spin methods and pairs of one-particle CFP in the seniority scheme. *Journal of Mathematical Physics*, 8(4):816–820, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p816\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p816_s1).

**Kanwal:1967:TDM**

- [653] R. P. Kanwal. Theory of diffraction and matched asymptotic expansions. *Journal of Mathematical Physics*, 8(4):821–822, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p821\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p821_s1).

**Kuscer:1967:CRE**

- [654] I. Kuscer and F. Shure. Closure relations for the eigenfunctions of the one-speed transport equation. *Journal of Mathematical Physics*, 8(4):

823–826, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p823\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p823_s1).

**Miasek:1967:AHM**

- [655] Maria Miasek and Helena Dodziuk. Application of Houston's method to the sum of plane waves over the Brillouin zone. II. Body-centered cubic lattice. *Journal of Mathematical Physics*, 8(4):827–829, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p827\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p827_s1).

**Lanczos:1967:EEE**

- [656] C. Lanczos. Einstein equations and electromagnetism. *Journal of Mathematical Physics*, 8(4):829–836, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p829\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p829_s1).

**Lomont:1967:RRR**

- [657] J. S. Lomont and H. E. Moses. Reduction of reducible representations of the infinitesimal generators of the proper, orthochronous, inhomogeneous Lorentz group. *Journal of Mathematical Physics*, 8(4):837–850, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p837\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p837_s1).

**Newton:1967:ECK**

- [658] Roger G. Newton. Equations with connected kernels for  $N$ -particle  $T$  operators. *Journal of Mathematical Physics*, 8(4):851–856, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p851\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p851_s1).

**Nelson:1967:SHF**

- [659] T. J. Nelson. A set of harmonic functions for the group  $SU(3)$  as specialized matrix elements of a general finite transformation. *Journal of Mathematical Physics*, 8(4):857–863, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p857\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p857_s1).

**Wu:1967:NCR**

- [660] F. Y. Wu, H. T. Tan, and E. Feenberg. Necessary conditions on radial distribution functions. *Journal of Mathematical Physics*, 8(4):864–869, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-

7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p864\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p864_s1).

**Schrader:1967:TVP**

- [661] David M. Schrader. Two variational principles for magnetostatic calculations. *Journal of Mathematical Physics*, 8(4):870–872, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p870\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p870_s1).

**Nuttall:1967:ACE**

- [662] J. Nuttall. Analytic continuation of the off-energy-shell scattering amplitude. *Journal of Mathematical Physics*, 8(4):873–877, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p873\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p873_s1).

**Pipkin:1967:PTM**

- [663] A. C. Pipkin and R. S. Rivlin. Phenomenological theory of magnetic hysteresis. *Journal of Mathematical Physics*, 8(4):878–883, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p878\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p878_s1).

**Kadish:1967:ESN**

- [664] Abraham Kadish. Exponential stability of non-uniform guiding center plasma. *Journal of Mathematical Physics*, 8(4):884–888, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p884\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p884_s1).

**Sirovich:1967:PWP**

- [665] Lawrence Sirovich and James K. Thurber. Plane wave propagation in kinetic theory. *Journal of Mathematical Physics*, 8(4):888–895, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p888\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p888_s1).

**Sen:1967:CIR**

- [666] R. N. Sen. Construction of the irreducible representations of  $SU_4$ . *Journal of Mathematical Physics*, 8(4):896–905, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p896\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p896_s1).

**Sabatier:1967:GMI**

- [667] Pierre C. Sabatier. General method for the inverse scattering problem at fixed energy. *Journal of Mathematical Physics*, 8(4):905–918, April

1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p905\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p905_s1).

**Wahlquist:1967:HNT**

- [668] Hugo D. Wahlquist and Frank B. Estabrook. Herglotz–Noether theorem in conformal space–time. *Journal of Mathematical Physics*, 8(4):919, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p919\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p919_s1).

**Wait:1967:TDC**

- [669] James R. Wait. Theory of diffraction by a curved inhomogeneous body. *Journal of Mathematical Physics*, 8(4):920–925, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p920\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p920_s1).

**Terwiel:1967:EED**

- [670] R. H. Terwiel. Evaluation of expressions of the Debye–Waller form. *Journal of Mathematical Physics*, 8(4):926, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p926\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p926_s1).

**Wertheim:1967:IET**

- [671] M. S. Wertheim. Integral equations in the theory of classical fluids. *Journal of Mathematical Physics*, 8(4):927–938, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p927\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p927_s1).

**Trollope:1967:NFE**

- [672] J. R. Trollope. Null fields in Einstein–Maxwell field theory. II. *Journal of Mathematical Physics*, 8(4):938–941, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p938\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p938_s1).

**West:1967:SCL**

- [673] Geoffrey B. West. Scattering from Coulomb-like potentials without divergences or cutoffs. I. Formalism: Generalized Lippmann–Schwinger equations. *Journal of Mathematical Physics*, 8(4):942–953, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p942\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p942_s1).

**Zaccaria:1967:CGS**

- [674] F. Zaccaria. Clebsch–Gordan series in the exceptional groups. *Journal of Mathematical Physics*, 8(4):953–954, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p953\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p953_s1).

**Poshusta:1967:PSR**

- [675] R. D. Poshusta. Permutational symmetry of reduced density matrices. *Journal of Mathematical Physics*, 8(4):955–961, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p955\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p955_s1).

**Wilcox:1967:EOP**

- [676] R. M. Wilcox. Exponential operators and parameter differentiation in quantum physics. *Journal of Mathematical Physics*, 8(4):962–982, April 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i4/p962\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i4/p962_s1).

**Blackman:1967:NAU**

- [677] Jerome Blackman. New approach to unified field theory. *Journal of Mathematical Physics*, 8(5):983–987, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p983\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p983_s1).

**Andersen:1967:CGS**

- [678] C. M. Andersen. Clebsch–Gordan series for symmetrized tensor products. *Journal of Mathematical Physics*, 8(5):988–997, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p988\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p988_s1).

**Anderson:1967:CES**

- [679] J. T. Anderson. Complete excitation spectra. *Journal of Mathematical Physics*, 8(5):998–1003, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p998\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p998_s1).

**Beyer:1967:ACL**

- [680] W. A. Beyer and L. Heller. Analytic continuation of Laplace transforms by means of asymptotic series. *Journal of Mathematical Physics*, 8(5):1004–1018, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1004\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1004_s1).

**Arai:1967:CEI**

- [681] Tadashi Arai and John R. Gabriel. Cluster expansion of an inverse overlap matrix for solids. *Journal of Mathematical Physics*, 8(5):1018–1025, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1018\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1018_s1).

**Balaban:1967:SFM**

- [682] M. M. Balaban, A. E. Green, and P. M. Naghdi. Simple force multipoles in the theory of deformable surfaces. *Journal of Mathematical Physics*, 8(5):1026–1036, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1026\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1026_s1).

**Critchfield:1967:BWE**

- [683] Charles L. Critchfield. Bargmann–Wigner equations. *Journal of Mathematical Physics*, 8(5):1037–1039, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1037\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1037_s1).

**Erdmann:1967:NTP**

- [684] R. C. Erdmann. Neutron transport from a point source in two adjacent, dissimilar, semi-infinite media. *Journal of Mathematical Physics*, 8(5):1040–1044, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1040\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1040_s1).

**Harris:1967:BCT**

- [685] A. Brooks Harris. Bounds for certain thermodynamic averages. *Journal of Mathematical Physics*, 8(5):1044–1045, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1044\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1044_s1).

**Hestenes:1967:SFD**

- [686] David Hestenes. Spinor fields as distortions of space–time. *Journal of Mathematical Physics*, 8(5):1046–1050, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1046\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1046_s1).

**Gale:1967:RPS**

- [687] William A. Gale. Regularization and peratization of singular potentials. *Journal of Mathematical Physics*, 8(5):1050–1052, May 1967. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1050\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1050_s1).

**Lam:1967:RPC**

- [688] John Lam. Radiation of a point charge moving uniformly over an infinite array of conducting half-planes. *Journal of Mathematical Physics*, 8(5):1053–1060, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1053\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1053_s1).

**Mermin:1967:AOC**

- [689] N. D. Mermin. Absence of ordering in certain classical systems. *Journal of Mathematical Physics*, 8(5):1061–1064, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1061\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1061_s1).

**Misra:1967:TDF**

- [690] R. M. Misra and R. A. Singh. Three-dimensional formulation of gravitational null fields. II. *Journal of Mathematical Physics*, 8(5):1065–1068, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1065\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1065_s1).

**Mukunda:1967:RLA**

- [691] N. Mukunda. Realizations of Lie algebras in classical mechanics. *Journal of Mathematical Physics*, 8(5):1069–1072, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1069\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1069_s1).

**Rieder:1967:PHC**

- [692] Z. Rieder, J. L. Lebowitz, and E. Lieb. Properties of a harmonic crystal in a stationary nonequilibrium state. *Journal of Mathematical Physics*, 8(5):1073–1078, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1073\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1073_s1).

**Limic:1967:EEA**

- [693] N. Limić, J. Niederle, and R. Raczka. Eigenfunction expansions associated with the second-order invariant operator on hyperboloids and cones. III. *Journal of Mathematical Physics*, 8(5):1079–1093, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1079\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1079_s1).

**Sack:1967:RES**

- [694] R. A. Sack, C. C. J. Roothaan, and W. Kolos. Recursive evaluation of some atomic integrals. *Journal of Mathematical Physics*, 8(5):1093–1094, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1093\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1093_s1).

**Ullah:1967:EDR**

- [695] Nazakat Ullah. Exact distributions of the reduced-width amplitude. *Journal of Mathematical Physics*, 8(5):1095–1096, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1095\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1095_s1).

**Imre:1967:WMQ**

- [696] Kaya Imre, Ercüment Özizmir, Marcos Rosenbaum, and P. F. Zweifel. Wigner method in quantum statistical mechanics. *Journal of Mathematical Physics*, 8(5):1097–1108, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1097\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1097_s1).

**Biswas:1967:SBS**

- [697] S. N. Biswas. Symmetries of the Bethe–Salpeter equation for relativistic bound-state problem. *Journal of Mathematical Physics*, 8(5):1109–1111, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1109\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1109_s1).

**Brandt:1967:BPH**

- [698] Richard A. Brandt. Bogoliubov–Parasiuk–Hepp renormalization theorem and spacelike regularization. *Journal of Mathematical Physics*, 8(5):1112–1120, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1112\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1112_s1).

**Frank:1967:CNP**

- [699] William M. Frank. Class of nonanalytic perturbations in quantum mechanics. *Journal of Mathematical Physics*, 8(5):1121–1127, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1121\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1121_s1).



**Fleischman:1967:DSC**

- [700] Owen Fleischman and John G. Nagel. Double structure of a combined internal and space–time symmetry group and mass splitting. *Journal of Mathematical Physics*, 8(5):1128–1134, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1128\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1128_s1).

**Moses:1967:RRW**

- [701] H. E. Moses. Reduction of relativistic wavefunctions to the irreducible representations of the inhomogeneous Lorentz group. I. Nonzero mass components. *Journal of Mathematical Physics*, 8(5):1134–1154, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1134\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1134_s1).

**Pattnaik:1967:LLC**

- [702] Mamata Pattnaik. Leading Landau curves for a larger class of Feynman diagrams. *Journal of Mathematical Physics*, 8(5):1155–1162, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1155\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1155_s1).

**Lezuo:1967:WCS**

- [703] Klaus J. Lezuo. Weyl coefficients in SU(3). *Journal of Mathematical Physics*, 8(5):1163–1170, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1163\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1163_s1).

**Ellis:1967:DPF**

- [704] G. F. R. Ellis. Dynamics of pressure-free matter in general relativity. *Journal of Mathematical Physics*, 8(5):1171–1194, May 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1171\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i5/p1171_s1).

**Hegerfeldt:1967:BTS**

- [705] G. C. Hegerfeldt. Branching theorem for the symplectic groups. *Journal of Mathematical Physics*, 8(6):1195–1196, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1195\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1195_s1).

**Kremer:1967:FEG**

- [706] Hugo F. Kremer. Fresnel’s equation in general relativity. *Journal of Mathematical Physics*, 8(6):1197–1199, June 1967. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1197\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1197_s1).

**Kobe:1967:DPC**

- [707] Donald H. Kobe. Derivation of the principle of compensation of dangerous diagrams. *Journal of Mathematical Physics*, 8(6):1200–1210, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1200\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1200_s1).

**Levy-Nahas:1967:DCL**

- [708] Monique Levy-Nahas. Deformation and contraction of Lie algebras. *Journal of Mathematical Physics*, 8(6):1211–1222, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1211\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1211_s1).

**Hong:1967:ATE**

- [709] Soonsung Hong. Asymptotic theory of electromagnetic and acoustic diffraction by smooth convex surfaces of variable curvature. *Journal of Mathematical Physics*, 8(6):1223–1232, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1223\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1223_s1).

**Pang:1967:LRO**

- [710] Sing Chin Pang and K. T. Hecht. Lowering and raising operators for the orthogonal group in the chain  $O(n) \supset O(n-1) \supset \dots$ , and their graphs. *Journal of Mathematical Physics*, 8(6):1233–1251, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1233\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1233_s1).

**Sciarrino:1967:DUI**

- [711] A. Sciarrino and M. Toller. Decomposition of the unitary irreducible representations of the group  $SL(2C)$  restricted to the subgroup  $SU(1, 1)$ . *Journal of Mathematical Physics*, 8(6):1252–1265, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1252\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1252_s1).

**Zimerring:1967:MME**

- [712] Shimshon Zimerring. Mathematical methods for evaluating second-order three-body interactions between atoms or ions with Gaussian wavefunctions. *Journal of Mathematical Physics*, 8(6):1266–1270, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1266\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1266_s1).

**Woolcock:1967:ABS**

- [713] W. S. Woolcock. Asymptotic behavior of Stieltjes transforms. I. *Journal of Mathematical Physics*, 8(6):1270–1275, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1270\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1270_s1).

**Coriell:1967:PDR**

- [714] S. R. Coriell and J. L. Jackson. Probability distribution of the radius of gyration of a flexible polymer. *Journal of Mathematical Physics*, 8(6):1276–1284, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1276\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1276_s1).

**Ezawa:1967:CBE**

- [715] Hiroshi Ezawa and Marshall Luban. Criterion for Bose–Einstein condensation and representation of canonical commutation relations. *Journal of Mathematical Physics*, 8(6):1285–1311, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1285\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1285_s1).

**Fonda:1967:RCC**

- [716] Luciano Fonda and Gian Carlo Ghirardi. Renormalized coupling constants and the inversion problem. *Journal of Mathematical Physics*, 8(6):1312–1314, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1312\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1312_s1).

**Hakim:1967:RRSa**

- [717] Rémi Hakim. Remarks on relativistic statistical mechanics. I. *Journal of Mathematical Physics*, 8(6):1315–1344, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1315\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1315_s1).

**Herbut:1967:BAA**

- [718] Fedor Herbut and Milan Vujčić. Basic algebra of antilinear operators and some applications. I. *Journal of Mathematical Physics*, 8(6):1345–1354, June 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1345\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i6/p1345_s1).

**Torrence:1967:AGR**

- [719] R. J. Torrence and A. I. Janis. Approach to gravitational radiation scattering. *Journal of Mathematical Physics*, 8(7):1355–1366, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1355\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1355_s1).

**Chakrabarti:1967:CFF**

- [720] A. Chakrabarti. Canonical form factors and current commutation relations. *Journal of Mathematical Physics*, 8(7):1367–1378, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1367\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1367_s1).

**Hakim:1967:RRSb**

- [721] Rémi Hakim. Remarks on relativistic statistical mechanics. II. Hierarchies for the reduced densities. *Journal of Mathematical Physics*, 8(7):1379–1400, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1379\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1379_s1).

**Hejtmanek:1967:TBR**

- [722] Hans Hejtmanek. Time behavior of a reactor and ergodic theory of semigroups. *Journal of Mathematical Physics*, 8(7):1401–1405, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1401\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1401_s1).

**Nordtvedt:1967:UBE**

- [723] K. Nordtvedt. Upper bounds to eigenvalues of the one-dimensional Sturm–Liouville equation. *Journal of Mathematical Physics*, 8(7):1406–1409, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1406\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1406_s1).

**Goldman:1967:LDB**

- [724] Robert Goldman and Edward A. Frieman. Logarithmic density behavior of a nonequilibrium Boltzmann gas. *Journal of Mathematical Physics*, 8(7):1410–1426, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1410\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1410_s1).

**Gibberd:1967:NAI**

- [725] R. W. Gibberd and C. A. Hurst. New approach to the Ising model. II. *Journal of Mathematical Physics*, 8(7):1427–1435, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1427\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1427_s1).

**Gruber:1967:RBO**

- [726] B. Gruber. Relation between “outer” and “inner” multiplicity for  $SU(2)$  and  $SU(3)$ . *Journal of Mathematical Physics*, 8(7):1436–1439, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1436\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1436_s1).

**Rafanelli:1967:URL**

- [727] Kenneth Rafanelli. Unitary representations of the Lorentz group and particle dynamics. *Journal of Mathematical Physics*, 8(7):1440–1442, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1440\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1440_s1).

**Wong:1967:EBS**

- [728] M. K. F. Wong. Electromagnetic behavior of superconductors with impurity scattering. *Journal of Mathematical Physics*, 8(7):1443–1448, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1443\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1443_s1).

**Lewis:1967:UPS**

- [729] Robert M. Lewis. A unifying principle in statistical mechanics. *Journal of Mathematical Physics*, 8(7):1448–1459, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1448\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1448_s1).

**Lanford:1967:IRI**

- [730] O. Lanford and D. Ruelle. Integral representations of invariant states on  $B^*$  algebras. *Journal of Mathematical Physics*, 8(7):1460–1463, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1460\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1460_s1).

**Bartrum:1967:NEF**

- [731] Peter C. Bartrum. Null electromagnetic field in the form of spherical radiation. *Journal of Mathematical Physics*, 8(7):1464–1467, July 1967. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1464\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1464_s1).

**Boulware:1967:STC**

- [732] David G. Boulware and S. Deser. Stress-tensor commutators and Schwinger terms. *Journal of Mathematical Physics*, 8(7):1468–1477, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1468\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1468_s1).

**Cohen:1967:NKM**

- [733] Jeffrey M. Cohen. Note on the Kerr metric and rotating masses. *Journal of Mathematical Physics*, 8(7):1477–1478, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1477\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1477_s1).

**Darewych:1967:PSC**

- [734] G. W. Darewych and H. Schiff. Particlelike solutions of a class of nonlinear field equations. *Journal of Mathematical Physics*, 8(7):1479–1482, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1479\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1479_s1).

**Jaen:1967:QCF**

- [735] Jong K. Jaen. Quantum correlation function for the noninteracting particle system. *Journal of Mathematical Physics*, 8(7):1483–1491, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1483\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1483_s1).

**Dautcourt:1967:CHG**

- [736] G. Dautcourt. Characteristic hypersurfaces in general relativity. I. *Journal of Mathematical Physics*, 8(7):1492–1501, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1492\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1492_s1).

**Tompkins:1967:DTC**

- [737] Donald R. Tompkins. Decomposition of tensors of the classical groups. *Journal of Mathematical Physics*, 8(7):1502–1514, July 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1502\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i7/p1502_s1).

**Mavroyannis:1967:DEW**

- [738] C. Mavroyannis. Dispersion of electromagnetic waves in molecular crystals. *Journal of Mathematical Physics*, 8(8):1515–1522, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1515\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1515_s1).

**Mavroyannis:1967:SEW**

- [739] C. Mavroyannis. Scattering of electromagnetic waves in molecular crystals. *Journal of Mathematical Physics*, 8(8):1522–1537, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1522\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1522_s1).

**Dyson:1967:GSE**

- [740] Freeman J. Dyson. Ground-state energy of a finite system of charged particles. *Journal of Mathematical Physics*, 8(8):1538–1545, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1538\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1538_s1).

**Mazo:1967:LBM**

- [741] R. M. Mazo. Lower bound on the mean kinetic energy of a system of particles. *Journal of Mathematical Physics*, 8(8):1546–1547, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1546\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1546_s1).

**Collinson:1967:EST**

- [742] C. D. Collinson. Empty space-times algebraically special on a given world line or hypersurface. *Journal of Mathematical Physics*, 8(8):1547–1550, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1547\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1547_s1).

**Bohm:1967:AAP**

- [743] Arno Böhm. Associative algebra in the problem of mass formulas. *Journal of Mathematical Physics*, 8(8):1551–1558, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1551\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1551_s1).

**Marx:1967:KGE**

- [744] Egon Marx. Klein–Gordon equation for spinors. *Journal of Mathematical Physics*, 8(8):1559–1566, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1559\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1559_s1).

**Newton:1967:CBC**

- [745] R. G. Newton. Connection between complex angular momenta and the inverse scattering problem at fixed energy. *Journal of Mathematical Physics*, 8(8):1566–1570, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1566\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1566_s1).

**Maduemezia:1967:MEI**

- [746] Awele Maduemezia. Matrix elements for irreducible representations of the  $U(6, 6)$  algebra in harmonic function space. *Journal of Mathematical Physics*, 8(8):1571–1580, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1571\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1571_s1).

**Rice:1967:SOT**

- [747] T. M. Rice. Superconductivity in one and two dimensions. II. Charged systems. *Journal of Mathematical Physics*, 8(8):1581–1591, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1581\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1581_s1).

**Dixon:1967:DEB**

- [748] W. G. Dixon. Description of extended bodies by multipole moments in special relativity. *Journal of Mathematical Physics*, 8(8):1591–1605, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1591\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1591_s1).

**Stapp:1967:FNP**

- [749] Henry P. Stapp. Finiteness of the number of positive- $\alpha$  Landau surfaces in bounded portions of the physical region. *Journal of Mathematical Physics*, 8(8):1606–1610, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1606\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1606_s1).



**Berk:1967:CBS**

- [750] H. L. Berk, D. L. Book, and D. Pfirsch. Convergence of the Bremmer series for the spatially inhomogeneous Helmholtz equation. *Journal of Mathematical Physics*, 8(8):1611–1619, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1611\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1611_s1).

**Hendry:1967:SNT**

- [751] W. L. Hendry. Solutions to the neutron transport equation for a critical slab by perturbation theory. *Journal of Mathematical Physics*, 8(8):1619–1630, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1619\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1619_s1).

**Brysk:1967:DTD**

- [752] Henry Brysk. Drukarev transformation of Dirac equation. *Journal of Mathematical Physics*, 8(8):1631–1632, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1631\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1631_s1).

**Blood:1967:RCT**

- [753] F. A. Blood. Relativistic and causal theories with four-fermion interaction Hamiltonians. *Journal of Mathematical Physics*, 8(8):1633–1641, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1633\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1633_s1).

**Dialetis:1967:STC**

- [754] D. Dialetis. Some theorems concerning the phase problem of coherence theory. *Journal of Mathematical Physics*, 8(8):1641–1649, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1641\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1641_s1).

**Herzel:1967:GFD**

- [755] John C. Herzel. Green's functions and double-time distribution functions in classical statistical mechanics. *Journal of Mathematical Physics*, 8(8):1650–1652, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1650\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1650_s1).

**Cercignani:1967:EUL**

- [756] Carlo Cercignani. Existence and uniqueness in the large for boundary value problems in kinetic theory. *Journal of Mathematical Physics*, 8(8):1653–1656, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1653\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1653_s1).

**Ruelle:1967:SCS**

- [757] D. Ruelle. States of classical statistical mechanics. *Journal of Mathematical Physics*, 8(8):1657–1668, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1657\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1657_s1).

**Common:1967:ATP**

- [758] A. K. Common. Application of the theory of padé approximants to the solution of the  $N/D$  equations. *Journal of Mathematical Physics*, 8(8):1669–1675, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1669\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1669_s1).

**Meyer:1967:NST**

- [759] Richard E. Meyer. Near-steady transition waves of a collisionless plasma. *Journal of Mathematical Physics*, 8(8):1676–1684, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1676\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1676_s1).

**Streater:1967:UHR**

- [760] R. F. Streater. Uniqueness of the Haag–Ruelle scattering states. *Journal of Mathematical Physics*, 8(8):1685–1693, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1685\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1685_s1).

**Kursunoglu:1967:URM**

- [761] Behram Kursunoglu. Unitary representations of  $U(2,2)$  and massless fields. *Journal of Mathematical Physics*, 8(8):1694–1699, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1694\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1694_s1).

**Cantoni:1967:RSR**

- [762] Vittorio Cantoni. Reduction of some representations of the generalized Bondi–Metzner group. *Journal of Mathematical Physics*, 8(8):1700–

1706, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1700\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1700_s1).

**Nickle:1967:ENQ**

- [763] H. H. Nickle. Erratum: “Nonrelativistic Quantum Theory of an Electron in an Arbitrarily Intense Laser Field”. *Journal of Mathematical Physics*, 8(8):1706, August 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1706\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i8/p1706_s1). See [456].

**Richardson:1967:LCA**

- [764] John M. Richardson and Leo C. Levitt. Linear closure approximation method for classical statistical mechanics. *Journal of Mathematical Physics*, 8(9):1707–1715, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1707\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1707_s1).

**Micha:1967:EMR**

- [765] David A. Micha. Expansion of the  $T$  matrix for resonance collisions. *Journal of Mathematical Physics*, 8(9):1716–1719, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1716\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1716_s1).

**Das:1967:CEF**

- [766] A. Das and C. V. Coffman. A class of eigenvalues of the fine-structure constant and internal energy obtained from a class of exact solutions of the combined Klein–Gordon–Maxwell–Einstein field equations. *Journal of Mathematical Physics*, 8(9):1720–1735, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1720\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1720_s1).

**Bahar:1967:GWM**

- [767] E. Bahar. Generalized WKB method with applications to problems of propagation in nonhomogeneous media. *Journal of Mathematical Physics*, 8(9):1735–1746, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1735\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1735_s1).

**Epstein:1967:RRC**

- [768] Saul T. Epstein, Jean H. Epstein, and Barbara Kennedy. Recursion relations for Coulomb matrix elements. *Journal of Mathematical Physics*, 8(9):1747, September 1967. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1747\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1747_s1).

**Gorge:1967:AFQ**

- [769] V. Gorgé and F. Rohrlich. Analytic functionals in quantum field theory. *Journal of Mathematical Physics*, 8(9):1748–1756, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1748\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1748_s1).

**Hill:1967:CFR**

- [770] Robert Nyden Hill. Canonical formulation of relativistic mechanics. *Journal of Mathematical Physics*, 8(9):1756–1773, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1756\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1756_s1).

**Sack:1967:ESH**

- [771] Robert A. Sack. Expansions in spherical harmonics. IV. Integral form of the radial dependence. *Journal of Mathematical Physics*, 8(9):1774–1784, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1774\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1774_s1).

**Rulf:1967:RBC**

- [772] Benjamin Rulf. Relation between creeping waves and lateral waves on a curved interface. *Journal of Mathematical Physics*, 8(9):1785–1793, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1785\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1785_s1).

**Mann:1967:EFS**

- [773] James E. Mann. Electric fields in a semi-infinite medium whose conductivity varies laterally. *Journal of Mathematical Physics*, 8(9):1794–1797, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1794\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1794_s1).

**Mehta:1967:DHO**

- [774] C. L. Mehta. Degree of higher-order optical coherence. *Journal of Mathematical Physics*, 8(9):1798–1807, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1798\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1798_s1).

**Williams:1967:EMC**

- [775] David N. Williams. Energy-momentum conservation implies translation invariance: Some didactic remarks. *Journal of Mathematical Physics*, 8(9):1807–1816, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1807\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1807_s1).

**Heintz:1967:ACA**

- [776] W. H. Heintz and R. L. Gibbs. Angular coefficients of atomic matrix elements involving interelectronic coordinates. *Journal of Mathematical Physics*, 8(9):1817–1828, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1817\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1817_s1).

**Paliov:1967:HEP**

- [777] A. Paliov and S. Rosendorff. High-energy phase shifts produced by repulsive singular potentials. *Journal of Mathematical Physics*, 8(9):1829–1837, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1829\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1829_s1).

**Lerche:1967:IVP**

- [778] Ian Lerche. Initial-value problem for relativistic plasma oscillations. *Journal of Mathematical Physics*, 8(9):1838–1847, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1838\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1838_s1).

**Gudder:1967:CMO**

- [779] Stanley Gudder. Coordinate and momentum observables in axiomatic quantum mechanics. *Journal of Mathematical Physics*, 8(9):1848–1858, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1848\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1848_s1).

**Zwanziger:1967:ACN**

- [780] Daniel Zwanziger. Algebraic calculation of nonrelativistic Coulomb phase shifts. *Journal of Mathematical Physics*, 8(9):1858–1860, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1858\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1858_s1).

**Vezzetti:1967:RIA**

- [781] David J. Vezzetti and Joseph B. Keller. Refractive index, attenuation, dielectric constant, and permeability for waves in a polarizable medium. *Journal of Mathematical Physics*, 8(9):1861–1870, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1861\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1861_s1).

**Loos:1967:GFP**

- [782] Hendricus G. Loos. Gauge field of a point charge. *Journal of Mathematical Physics*, 8(9):1870–1877, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1870\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1870_s1).

**Pasquier:1967:TPS**

- [783] Jeanne-Yvonne Pasquier. Three-particle states and Green's function. *Journal of Mathematical Physics*, 8(9):1878–1885, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1878\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1878_s1).

**Barston:1967:EPLb**

- [784] E. M. Barston. Eigenvalue problem for Lagrangian systems. II. *Journal of Mathematical Physics*, 8(9):1886–1892, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1886\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1886_s1).

**Pao:1967:BVP**

- [785] Young ping Pao. Boundary-value problems for the linearized and weakly nonlinear Boltzmann equation. *Journal of Mathematical Physics*, 8(9):1893–1898, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1893\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1893_s1).

**Wong:1967:ROG**

- [786] M. K. F. Wong. Representations of the orthogonal group. I. Lowering and raising operators of the orthogonal group and matrix elements of the generators. *Journal of Mathematical Physics*, 8(9):1899–1911, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1899\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1899_s1).

**Gaskill:1967:GVL**

- [787] J. R. Gaskill and M. Arenstein. Geometrical view of Lagrange multipliers in mechanics. *Journal of Mathematical Physics*, 8(9):1912–1915, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1912\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1912_s1).

**Kapuy:1967:TBO**

- [788] E. Kapuy and N. H. March. Two-body orbitals for one-dimensional fermion gas with application to repulsive  $\delta$ -function interactions. *Journal of Mathematical Physics*, 8(9):1915–1920, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1915\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1915_s1).

**Niederle:1967:DDM**

- [789] J. Niederle. Decompositions of discrete most degenerate representations of  $SO_0(p, q)$  when restricted to representations of  $SO_0(p, q - 1)$  or  $SO_0(p - 1, q)$ . *Journal of Mathematical Physics*, 8(9):1921–1930, September 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1921\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i9/p1921_s1).

**Yao:1967:UIR**

- [790] Tsu Yao. Unitary irreducible representations of  $SU(2, 2)$ . I. *Journal of Mathematical Physics*, 8(10):1931–1954, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1931\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1931_s1).

**Roffman:1967:RTL**

- [791] Eric H. Roffman. Representation theory of local current algebras. *Journal of Mathematical Physics*, 8(10):1954–1956, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1954\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1954_s1).

**Sabatier:1967:IFA**

- [792] Pierre C. Sabatier. Interpolation formulas in the angular momentum plane. *Journal of Mathematical Physics*, 8(10):1957–1972, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1957\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1957_s1).

**Rosenbaum:1967:GSM**

- [793] David M. Rosenbaum. General space-momentum commutation relation. *Journal of Mathematical Physics*, 8(10):1973–1978, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1973\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1973_s1).

**Gutzwiller:1967:PIA**

- [794] Martin C. Gutzwiller. Phase-integral approximation in momentum space and the bound states of an atom. *Journal of Mathematical Physics*, 8(10):1979–2000, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1979\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p1979_s1).

**Liboff:1967:CRB**

- [795] Richard L. Liboff and Giovanni E. Perona. Compatibility requirements in BBGKY expansion. *Journal of Mathematical Physics*, 8(10):2001–2012, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2001\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2001_s1).

**Almstrom:1967:APC**

- [796] H. Almström and P. Olsson. Analytic properties of certain radial matrix elements. *Journal of Mathematical Physics*, 8(10):2013–2021, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2013\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2013_s1).

**Dilley:1967:EPW**

- [797] James Dilley. Evaluation of a partial-wave unitarity integral. *Journal of Mathematical Physics*, 8(10):2022–2025, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2022\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2022_s1).

**Manoharan:1967:UBH**

- [798] A. C. Manoharan. Upper bounds on holomorphy envelopes for Wightman functions. *Journal of Mathematical Physics*, 8(10):2026–2029, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2026\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2026_s1).



**McNamara:1967:INP**

- [799] B. McNamara and K. J. Whiteman. Invariants of nearly periodic Hamiltonian systems. *Journal of Mathematical Physics*, 8(10):2029–2038, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2029\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2029_s1).

**Wong:1967:RCN**

- [800] Jack Wong. Results on certain non-Hermitian Hamiltonians. *Journal of Mathematical Physics*, 8(10):2039–2042, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2039\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2039_s1).

**Stanciu:1967:FES**

- [801] George N. Stanciu. Further exact solutions of the Dirac equation. *Journal of Mathematical Physics*, 8(10):2043–2047, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2043\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2043_s1).

**Chand:1967:RLA**

- [802] P. Chand, C. L. Mehta, N. Mukunda, and E. C. G. Sudarshan. Realization of Lie algebras by analytic functions of generators of a given Lie algebra. *Journal of Mathematical Physics*, 8(10):2048–2059, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2048\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2048_s1).

**Rund:1967:SFO**

- [803] H. Rund. Systems of first-order linear ordinary differential equations as canonical or Euler–Lagrange equations. *Journal of Mathematical Physics*, 8(10):2059–2062, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2059\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2059_s1).

**Kummer:1967:RPR**

- [804] Hans Kummer.  $n$ -representability problem for reduced density matrices. *Journal of Mathematical Physics*, 8(10):2063–2081, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2063\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2063_s1).

**Runnels:1967:PTB**

- [805] L. K. Runnels. Phase transition of a Bethe lattice gas of hard molecules. *Journal of Mathematical Physics*, 8(10):2081–2087, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2081\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2081_s1).

**Carroll:1967:EOE**

- [806] M. M. Carroll and R. S. Rivlin. Electro-optical effects. I. *Journal of Mathematical Physics*, 8(10):2088–2091, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2088\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2088_s1).

**Cawley:1967:FPS**

- [807] Robert G. Cawley. Formal properties of the solution to the radiationless relativistic Kepler problem. *Journal of Mathematical Physics*, 8(10):2092–2096, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2092\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2092_s1).

**Pomraning:1967:CVP**

- [808] G. C. Pomraning. Complementary variational principles and their application to neutron transport problems. *Journal of Mathematical Physics*, 8(10):2096–2108, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2096\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2096_s1).

**Gudder:1967:SOA**

- [809] Stanley Gudder. Systems of observables in axiomatic quantum mechanics. *Journal of Mathematical Physics*, 8(10):2109–2113, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2109\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2109_s1).

**Loos:1967:IHG**

- [810] Hendricus G. Loos. Internal holonomy groups of Yang–Mills fields. *Journal of Mathematical Physics*, 8(10):2114–2124, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2114\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2114_s1).

**Judd:1967:CNS**

- [811] B. R. Judd and H. T. Wadzinski. A class of null spectroscopic coefficients. *Journal of Mathematical Physics*, 8(10):2125–2130, October 1967. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2125\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2125_s1).

**Taylor:1967:TCP**

- [812] John R. Taylor. Timelike cluster properties in nonrelativistic scattering. *Journal of Mathematical Physics*, 8(10):2131–2137, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2131\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2131_s1).

**Bellman:1967:IIE**

- [813] R. Bellman, H. Kagiwada, R. Kalaba, and S. Ueno. Invariant imbedding equations for the dissipation functions of an inhomogeneous finite slab with anisotropic scattering. *Journal of Mathematical Physics*, 8(10):2137–2142, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2137\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2137_s1).

**DeDominicis:1967:PCF**

- [814] C. De Dominicis and F. Englert. Potential-correlation function duality in statistical mechanics. *Journal of Mathematical Physics*, 8(10):2143–2146, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2143\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2143_s1).

**Finkelstein:1967:GFP**

- [815] R. Finkelstein and D. Levy. Group formulation of potential scattering. *Journal of Mathematical Physics*, 8(10):2147–2153, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2147\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2147_s1).

**Post:1967:NRC**

- [816] H. R. Post. A necessary restriction on correlation functions arising from 3- (or more) particle systems in one dimension. *Journal of Mathematical Physics*, 8(10):2154, October 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2154\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i10/p2154_s1).

**Goldberg:1967:SSH**

- [817] J. N. Goldberg, A. J. Macfarlane, E. T. Newman, F. Rohrlich, and E. C. G. Sudarshan. Spin- $s$  spherical harmonics and  $\mathcal{D}$ . *Journal of*

*Mathematical Physics*, 8(11):2155–2161, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2155\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2155_s1).

**Goldberg:1967:ITN**

- [818] Joshua N. Goldberg. Invariant transformations and Newman–Penrose constants. *Journal of Mathematical Physics*, 8(11):2161–2166, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2161\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2161_s1).

**Lambropoulos:1967:SDE**

- [819] P. Lambropoulos. Solution of the differential equation  $(\partial^2/(\partial x \partial y) + ax\partial/\partial x + by\partial/\partial y + cxy + \partial/\partial t)P = 0$ . *Journal of Mathematical Physics*, 8(11):2167–2169, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2167\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2167_s1).

**Scott:1967:NFC**

- [820] W. T. Scott. New form of characteristic functional for cascade processes. *Journal of Mathematical Physics*, 8(11):2170–2179, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2170\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2170_s1).

**Canosa:1967:EMN**

- [821] José Canosa. Expansion method for nonlinear boundary-value problems. *Journal of Mathematical Physics*, 8(11):2180–2183, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2180\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2180_s1).

**Kijewski:1967:IMM**

- [822] L. Kijewski and J. K. Percus. Interpolation method for the many-body problem. *Journal of Mathematical Physics*, 8(11):2184–2193, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2184\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2184_s1).

**Kaplan:1967:MPE**

- [823] L. M. Kaplan and M. Resnikoff. Matrix products and the explicit 3, 6, 9, and 12- $j$  coefficients of the regular representation of  $SU(n)$ . *Journal of Mathematical Physics*, 8(11):2194–2205, November 1967. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2194\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2194_s1).

**Radhakrishnan:1967:IMS**

- [824] D. Radhakrishnan and T. S. Santhanam. Internal multiplicity structure and Clebsch–Gordan series for the exceptional group  $G(2)$ . *Journal of Mathematical Physics*, 8(11):2206–2209, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2206\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2206_s1).

**Mukunda:1967:URG**

- [825] N. Mukunda. Unitary representations of the group  $O(2, 1)$  in an  $O(1, 1)$  basis. *Journal of Mathematical Physics*, 8(11):2210–2220, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2210\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2210_s1).

**Staruszkiewicz:1967:GTS**

- [826] A. Staruszkiewicz. Geometric theory of the spin-weighted functions. *Journal of Mathematical Physics*, 8(11):2221–2222, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2221\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2221_s1).

**Sawaguri:1967:FRE**

- [827] T. Sawaguri and W. Tobocman. Finite-range effects in distorted-wave born-approximation calculations of nucleon transfer reactions. *Journal of Mathematical Physics*, 8(11):2223–2230, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2223\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2223_s1).

**Bacry:1967:PGT**

- [828] H. Bacry and J. L. Richard. Partial group-theoretical treatment for the relativistic hydrogen atom. *Journal of Mathematical Physics*, 8(11):2230–2233, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2230\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2230_s1).

**Friedel:1967:DNM**

- [829] Helmut Friedel. Discontinuities in nonideal magnetogasdynamics. *Journal of Mathematical Physics*, 8(11):2234–2236, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2234\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2234_s1).

**Liu:1967:EDT**

- [830] C. H. Liu. Effective dielectric tensor and propagation constant of plane waves in a random anisotropic medium. *Journal of Mathematical Physics*, 8(11):2236–2242, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2236\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2236_s1).

**Ferreira:1967:PVD**

- [831] Erasmo M. Ferreira, Nilo Guillén, and Javier Sesma. Properties of velocity-dependent potentials. *Journal of Mathematical Physics*, 8(11):2243–2249, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2243\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2243_s1).

**Alisauskas:1967:SGM**

- [832] S. J. Alisauskas and A. P. Jucys. Substitution group and mirror reflection symmetry in special unitary groups. *Journal of Mathematical Physics*, 8(11):2250–2255, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2250\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2250_s1).

**Pauri:1967:CRR**

- [833] M. Pauri and G. M. Prosperi. Canonical realizations of the rotation group. *Journal of Mathematical Physics*, 8(11):2256–2267, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2256\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2256_s1).

**Cornille:1967:CBM**

- [834] Henri Cornille. Connection between the Marchenko formalism and  $N/D$  equations: Regular interactions. I. *Journal of Mathematical Physics*, 8(11):2268–2281, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2268\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2268_s1).

**Atkinson:1967:ESC**

- [835] David Atkinson. Existence of solutions of crossing-symmetric  $N/D$  equations. *Journal of Mathematical Physics*, 8(11):2281–2296, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2281\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2281_s1).

**Penney:1967:GCS**

- [836] R. Penney. Geometrization of a complex scalar field. II. Analysis. *Journal of Mathematical Physics*, 8(11):2297–2301, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2297\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2297_s1).

**Estabrook:1967:TFJ**

- [837] Frank B. Estabrook and Hugo D. Wahlquist. Tetrad formulation of junction conditions in general relativity. *Journal of Mathematical Physics*, 8(11):2302–2308, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2302\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2302_s1).

**Masson:1967:APS**

- [838] D. Masson. Analyticity in the potential strength. *Journal of Mathematical Physics*, 8(11):2308–2314, November 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2308\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i11/p2308_s1).

**Farnsworth:1967:SNG**

- [839] David L. Farnsworth. Some new general relativistic dust metrics possessing isometries. *Journal of Mathematical Physics*, 8(12):2315–2317, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2315\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2315_s1).

**Mockel:1967:IIG**

- [840] André Mockel. Invariant imbedding as a generalization of the resolvent equation. *Journal of Mathematical Physics*, 8(12):2318–2321, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2318\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2318_s1).

**Ranada:1967:CM**

- [841] Antonio F. Rañada. Causality and the S matrix. *Journal of Mathematical Physics*, 8(12):2321–2326, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2321\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2321_s1).

**Cox:1967:DMC**

- [842] Joseph R. Cox. On the determination of the many-channel potential matrix and S matrix from a single function. *Journal of Mathematical*

*Physics*, 8(12):2327–2331, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2327\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2327_s1).

**Ferdinand:1967:SMD**

- [843] Arthur E. Ferdinand. Statistical mechanics of dimers on a quadratic lattice. *Journal of Mathematical Physics*, 8(12):2332–2339, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2332\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2332_s1).

**Lieb:1967:SDP**

- [844] Elliott H. Lieb. Solution of the dimer problem by the transfer matrix method. *Journal of Mathematical Physics*, 8(12):2339–2341, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2339\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2339_s1).

**Chen:1967:FDV**

- [845] Tuan Wu Chen. Functional derivatives and vector meson fields. *Journal of Mathematical Physics*, 8(12):2342–2346, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2342\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2342_s1).

**Newton:1967:GDM**

- [846] Roger G. Newton. Generalization of the determinantal method to continuous channels. *Journal of Mathematical Physics*, 8(12):2347–2350, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2347\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2347_s1).

**Odeh:1967:EBT**

- [847] F. Odeh. Existence and bifurcation theorems for the Ginzburg–Landau equations. *Journal of Mathematical Physics*, 8(12):2351–2356, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2351\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2351_s1).

**Spector:1967:PWS**

- [848] Richard M. Spector. Properties of the wavefunction for singular potentials. *Journal of Mathematical Physics*, 8(12):2357–2365, December



1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2357\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2357_s1).

**Saenger:1967:BSE**

- [849] Robert M. Saenger. Bethe–Salpeter equation in momentum space. *Journal of Mathematical Physics*, 8(12):2366–2375, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2366\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2366_s1).

**Meckler:1967:DCD**

- [850] Alvin Meckler. Dynamical content of differential geometry. *Journal of Mathematical Physics*, 8(12):2376–2392, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2376\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2376_s1).

**Klauder:1967:WCP**

- [851] John R. Klauder. Weak correspondence principle. *Journal of Mathematical Physics*, 8(12):2392–2399, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2392\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2392_s1).

**Rosen:1967:IDP**

- [852] Gerald Rosen. Internal dynamics of particlelike solutions to nonlinear field theories. *Journal of Mathematical Physics*, 8(12):2400–2406, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2400\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2400_s1).

**Harris:1967:PSD**

- [853] Stewart Harris. Proof that successive derivatives of Boltzmann’s H function for a discrete velocity gas alternate in sign. *Journal of Mathematical Physics*, 8(12):2407–2410, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2407\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2407_s1).

**Chen:1967:ERN**

- [854] Robert L. W. Chen. Energy requirement for nonlinear density fluctuations in a Vlasov plasma. *Journal of Mathematical Physics*, 8(12):2410–2414, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2410\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2410_s1).

**Federbush:1967:RAM**

- [855] Paul Federbush. Results on the analyticity of many-body scattering amplitudes in perturbation theory. *Journal of Mathematical Physics*, 8(12):2415–2419, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2415\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2415_s1).

**Swift:1967:DRT**

- [856] Arthur R. Swift. Daughter Regge trajectory in a field theory model. *Journal of Mathematical Physics*, 8(12):2420–2433, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2420\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2420_s1).

**Smith:1967:SRD**

- [857] P. R. Smith and B. G. Wybourne. Selection rules and the decomposition of the Kronecker square of irreducible representations. *Journal of Mathematical Physics*, 8(12):2434–2440, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2434\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2434_s1).

**Lichtman:1967:EOS**

- [858] D. Lichtman and R. B. McQuistan. Exact occupation statistics for one-dimensional arrays of dumbbells. *Journal of Mathematical Physics*, 8(12):2441–2444, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2441\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2441_s1).

**Besieris:1967:TDGb**

- [859] Ioannis M. Besieris and Ralph T. Compton. Time-dependent Green's function for electromagnetic waves in moving conducting media. *Journal of Mathematical Physics*, 8(12):2445–2451, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2445\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2445_s1).

**Katz:1967:ISC**

- [860] Amnon Katz. Infinite systems of classical particles. *Journal of Mathematical Physics*, 8(12):2451–2459, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2451\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2451_s1).

**Theumann:1967:SPG**

- [861] Alba Theumann. Single-particle Green's function for a one-dimensional many-fermion system. *Journal of Mathematical Physics*, 8(12):2460–

2467, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2460\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2460_s1).

**Smith:1967:HSG**

- [862] O. J. Smith and C. E. Siewert. The half-space Green's function for an atmosphere with a polarized radiation field. *Journal of Mathematical Physics*, 8(12):2467–2474, December 1967. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2467\\_s1](http://jmp.aip.org/resource/1/jmapaq/v8/i12/p2467_s1).

**Tompkins:1968:STT**

- [863] Donald R. Tompkins. Symmetrized tensor “trace” operations. *Journal of Mathematical Physics*, 9(1):1–8, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p1\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p1_s1).

**Katzin:1968:RFI**

- [864] Gerald H. Katzin and Jack Levine. Related first integral theorem: A method for obtaining conservation laws of dynamical systems with geodesic trajectories in Riemannian spaces admitting symmetries. *Journal of Mathematical Physics*, 9(1):8–15, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p8\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p8_s1).

**Moses:1968:RRW**

- [865] H. E. Moses. Reduction of relativistic wavefunctions to the irreducible representations of the inhomogeneous Lorentz group. Part II. Zero-mass components. *Journal of Mathematical Physics*, 9(1):16–31, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p16\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p16_s1).

**Common:1968:PAB**

- [866] A. K. Common. Padé approximants and bounds to series of Stieltjes. *Journal of Mathematical Physics*, 9(1):32–38, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p32\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p32_s1).

**Mirman:1968:ISC**

- [867] Ronald Mirman. Invariants and scalars of compact inhomogeneous unitary algebras. *Journal of Mathematical Physics*, 9(1):39–46, January

1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p39\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p39_s1).

**Mirman:1968:NPI**

- [868] Ronald Mirman. Number of polynomial invariants of adjoint and fundamental compact inhomogeneous unitary algebras. *Journal of Mathematical Physics*, 9(1):47–49, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p47\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p47_s1).

**Mukunda:1968:URH**

- [869] N. Mukunda. Unitary representations of the homogeneous Lorentz group in an  $O(2, 1)$  basis. *Journal of Mathematical Physics*, 9(1):50–61, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p50\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p50_s1).

**Roffman:1968:PK**

- [870] Eric H. Roffman.  $n$ -particle kinematics. *Journal of Mathematical Physics*, 9(1):62–65, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p62\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p62_s1).

**Leaf:1968:WTC**

- [871] Boris Leaf. Weyl transformation and the classical limit of quantum mechanics. *Journal of Mathematical Physics*, 9(1):65–72, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p65\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p65_s1).

**Fitzgerald:1968:GFN**

- [872] R. Fitzgerald and S. Schiminovich. Gauge fields with noninvariant interactions. *Journal of Mathematical Physics*, 9(1):73–80, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p73\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p73_s1).

**Erdmann:1968:GFO**

- [873] R. C. Erdmann and C. E. Siewert. Green's functions for the one-speed transport equation in spherical geometry. *Journal of Mathematical Physics*, 9(1):81–89, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p81\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p81_s1).

**Calogero:1968:VPD**

- [874] F. Calogero and A. Degasperis. Values of the potential and its derivatives at the origin in terms of the  $S$ -wave phase shift and bound-state parameters. *Journal of Mathematical Physics*, 9(1):90–116, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p90\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p90_s1).

**Hakim:1968:RKE**

- [875] Rémi Hakim and André Mangeney. Relativistic kinetic equations including radiation effects. I. Vlasov approximation. *Journal of Mathematical Physics*, 9(1):116–130, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p116\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p116_s1).

**Clark:1968:CEM**

- [876] John W. Clark and Paul Westhaus. Cluster expansions in many-fermion theory. I. “Factor-cluster” formalisms. *Journal of Mathematical Physics*, 9(1):131–148, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p131\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p131_s1).

**Westhaus:1968:CEM**

- [877] Paul Westhaus and John W. Clark. Cluster expansions in many-fermion theory. II. Rearrangements of primitive decomposition equations. *Journal of Mathematical Physics*, 9(1):149–154, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p149\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p149_s1).

**Neuringer:1968:ESI**

- [878] Joseph L. Neuringer and James J. Stekert. Electromagnetic scattering from an inhomogeneous, collisionless plasma cylinder. *Journal of Mathematical Physics*, 9(1):155–163, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p155\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p155_s1).

**Matzner:1968:SMS**

- [879] Richard A. Matzner. Scattering of massless scalar waves by a Schwarzschild “singularity”. *Journal of Mathematical Physics*, 9(1):163–170, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p163\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p163_s1).

**Flicker:1968:PDF**

- [880] Michael Flicker. Pair distribution function of a one-dimensional hard rod gas. *Journal of Mathematical Physics*, 9(1):171–173, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p171\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p171_s1).

**Carmi:1968:FGB**

- [881] Gideon Carmi. Further generalized Bose condensation, anisotropic ODLRO and thin<sup>4</sup> he films. *Journal of Mathematical Physics*, 9(1):174–180, January 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i1/p174\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i1/p174_s1).

**TenKate:1968:DAS**

- [882] A. Ten Kate. Dirac algebra and the six-dimensional Lorentz group. *Journal of Mathematical Physics*, 9(2):181–185, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p181\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p181_s1).

**Gamba:1968:RCG**

- [883] A. Gamba. Representations and classes in groups of finite order. *Journal of Mathematical Physics*, 9(2):186–192, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p186\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p186_s1).

**Fleming:1968:SPG**

- [884] Gordon N. Fleming. Structure of the Poincaré generators. *Journal of Mathematical Physics*, 9(2):193–204, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p193\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p193_s1).

**Nesbet:1968:NWM**

- [885] R. K. Nesbet. Note on the WKB method. *Journal of Mathematical Physics*, 9(2):205–206, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p205\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p205_s1).

**Aslaksen:1968:URA**

- [886] Erik W. Aslaksen and John R. Klauder. Unitary representations of the affine group. *Journal of Mathematical Physics*, 9(2):206–211, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p206\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p206_s1).

**Litvin:1968:CGC**

- [887] D. B. Litvin and J. Zak. Clebsch–Gordan coefficients for space groups. *Journal of Mathematical Physics*, 9(2):212–221, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p212\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p212_s1).

**Kerner:1968:RNR**

- [888] Edward H. Kerner. Remarks on the nature of relativistic particle orbits. *Journal of Mathematical Physics*, 9(2):222–232, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p222\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p222_s1).

**Derrick:1968:PMI**

- [889] G. H. Derrick and Wan Kay-Kong. Particle motion and interaction in nonlinear field theories. *Journal of Mathematical Physics*, 9(2):232–240, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p232\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p232_s1).

**Thompson:1968:ISI**

- [890] Colin J. Thompson. Infinite-spin Ising model in one dimension. *Journal of Mathematical Physics*, 9(2):241–245, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p241\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p241_s1).

**Scarfone:1968:SLM**

- [891] Leonard M. Scarfone.  $2V$  sector of the Lee model. *Journal of Mathematical Physics*, 9(2):246–254, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p246\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p246_s1).

**Muller:1968:HES**

- [892] H. J. W. Müller and K. Schilcher. High-energy scattering for Yukawa potentials. *Journal of Mathematical Physics*, 9(2):255–259, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p255\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p255_s1).

**Handelsman:1968:ATC**

- [893] R. A. Handelsman and R. M. Lewis. Asymptotic theory of Cerenkov radiation in inhomogeneous media. *Journal of Mathematical Physics*, 9(2):260–269, February 1968. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p260\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p260_s1).

**Plebanski:1968:ETS**

- [894] Jerzy Plebanski and John Stachel. Einstein tensor and spherical symmetry. *Journal of Mathematical Physics*, 9(2):269–283, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p269\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p269_s1).

**Luehr:1968:IVT**

- [895] C. P. Luehr and M. Rosenbaum. Intrinsic vector and tensor techniques in Minkowski space with applications to special relativity. *Journal of Mathematical Physics*, 9(2):284–298, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p284\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p284_s1).

**Misra:1968:SQD**

- [896] S. P. Misra and T. S. Shankara. Semiclassical and quantum descriptions. *Journal of Mathematical Physics*, 9(2):299–304, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p299\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p299_s1).

**Thiess:1968:AFQ**

- [897] Frank B. Thiess. Analytic functionals in quantum field theory and the regularization of ultraviolet divergences. *Journal of Mathematical Physics*, 9(2):305–315, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p305\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p305_s1).

**Kibble:1968:CSP**

- [898] T. W. B. Kibble. Coherent soft-photon states and infrared divergences. I. Classical currents. *Journal of Mathematical Physics*, 9(2):315–324, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p315\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p315_s1).

**Kritz:1968:EPD**

- [899] Arnold H. Kritz, S. Radin, and G. Sandri. Evolution of the probability distributions and of the correlation functions in a Bogoliubov plasma. *Journal of Mathematical Physics*, 9(2):325–335, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p325\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p325_s1).



**Kantowski:1968:AIO**

- [900] R. Kantowski. Another interpretation of the optical scalars. *Journal of Mathematical Physics*, 9(2):336–338, February 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i2/p336\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i2/p336_s1).

**Jackiw:1968:MUP**

- [901] Roman Jackiw. Minimum uncertainty product, number-phase uncertainty product, and coherent states. *Journal of Mathematical Physics*, 9(3):339–346, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p339\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p339_s1).

**Luban:1968:OOP**

- [902] Marshall Luban and Michael Revzen. Onset of ODLRO and the phase transition in the ideal boson gas. *Journal of Mathematical Physics*, 9(3):347–349, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p347\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p347_s1).

**Richmond:1968:ECM**

- [903] Peter Richmond and Geoffrey L. Sewell. Electron correlations, magnetic ordering, and Mott insulation in solids. *Journal of Mathematical Physics*, 9(3):349–356, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p349\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p349_s1).

**Giles:1968:FQS**

- [904] Robin Giles. Foundations for quantum statistics. *Journal of Mathematical Physics*, 9(3):357–371, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p357\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p357_s1).

**Baraff:1968:TEW**

- [905] G. A. Baraff. Transmission of electromagnetic waves through a conducting slab. I. The two-sided Wiener–Hopf solution. *Journal of Mathematical Physics*, 9(3):372–384, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p372\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p372_s1).

**Devi:1968:SLI**

- [906] V. Syamala Devi and L. S. R. K. Prasad. State labeling of the irreducible representations of  $SU_n$ . *Journal of Mathematical Physics*, 9(3):

384–385, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p384\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p384_s1).

**Chadam:1968:UDP**

- [907] John M. Chadam. Unitarity of dynamical propagators of perturbed Klein–Gordon equations. *Journal of Mathematical Physics*, 9(3):386–396, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p386\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p386_s1).

**Jang:1968:RAW**

- [908] S. Jang. Relationships among the Wigner 9- $j$  symbols. *Journal of Mathematical Physics*, 9(3):397–402, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p397\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p397_s1).

**Collinson:1968:EPF**

- [909] C. D. Collinson. Embeddings of the plane-fronted waves and other space-times. *Journal of Mathematical Physics*, 9(3):403–410, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p403\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p403_s1).

**Mukunda:1968:SDB**

- [910] N. Mukunda and E. C. G. Sudarshan. Structure of the Dirac bracket in classical mechanics. *Journal of Mathematical Physics*, 9(3):411–417, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p411\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p411_s1).

**Mukunda:1968:URL**

- [911] N. Mukunda. Unitary representations of the Lorentz groups: Reduction of the supplementary series under a noncompact subgroup. *Journal of Mathematical Physics*, 9(3):417–431, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p417\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p417_s1).

**Krieger:1968:APP**

- [912] Joseph B. Krieger. Asymptotic properties of perturbation theory. *Journal of Mathematical Physics*, 9(3):432–435, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p432\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p432_s1).

**Schlitt:1968:NSS**

- [913] D. W. Schlitt. Numerical solution of a singular integral equation encountered in polymer physics. *Journal of Mathematical Physics*, 9(3):436–439, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p436\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p436_s1).

**Chen:1968:SSW**

- [914] Yung Ming Chen. Scattering of scalar waves by a convex transparent object with statistical surface irregularities. *Journal of Mathematical Physics*, 9(3):439–450, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p439\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p439_s1).

**Geroch:1968:LCS**

- [915] Robert Geroch. Local characterization of singularities in general relativity. *Journal of Mathematical Physics*, 9(3):450–465, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p450\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p450_s1).

**Kelly:1968:GGI**

- [916] D. G. Kelly and S. Sherman. General Griffiths' inequalities on correlations in Ising ferromagnets. *Journal of Mathematical Physics*, 9(3):466–484, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p466\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p466_s1).

**Couch:1968:TGW**

- [917] W. E. Couch, R. J. Torrence, A. I. Janis, and E. T. Newman. Tail of a gravitational wave. *Journal of Mathematical Physics*, 9(3):484–496, March 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i3/p484\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i3/p484_s1).

**Estabrook:1968:DAS**

- [918] F. B. Estabrook, H. D. Wahlquist, and C. G. Behr. Dyadic analysis of spatially homogeneous world models. *Journal of Mathematical Physics*, 9(4):497–504, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p497\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p497_s1).

**Sharma:1968:AFT**

- [919] R. R. Sharma. Alpha-function technique for two-center integrals. *Journal of Mathematical Physics*, 9(4):505–509, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p505\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p505_s1).

**Broido:1968:RCE**

- [920] Michael M. Broido. Renormalization and composite effects in the Lee model. *Journal of Mathematical Physics*, 9(4):510–514, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p510\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p510_s1).

**Benioff:1968:SPC**

- [921] Paul A. Benioff. Some properties of the contact between theory and experiment. *Journal of Mathematical Physics*, 9(4):514–524, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p514\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p514_s1).

**Maradudin:1968:SPP**

- [922] A. A. Maradudin and I. P. Ipatova. Structure of the phonon propagator for an anharmonic crystal. *Journal of Mathematical Physics*, 9(4):525–532, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p525\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p525_s1).

**Mukunda:1968:ZMR**

- [923] N. Mukunda. Zero-mass representations of the Poincaré group in an  $O(3, 1)$  basis. *Journal of Mathematical Physics*, 9(4):532–536, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p532\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p532_s1).

**Wray:1968:CFO**

- [924] J. G. Wray. Current formalism. I. Ordering theorems for currents. *Journal of Mathematical Physics*, 9(4):537–552, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p537\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p537_s1).

**Wray:1968:CFI**

- [925] J. G. Wray. Current formalism. II. The  $S$  matrix in perturbation theory. *Journal of Mathematical Physics*, 9(4):552–570, April 1968. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p552\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p552_s1).

**Cooper:1968:PTC**

- [926] Martin J. Cooper. Point transformation of classical hard-core potential. *Journal of Mathematical Physics*, 9(4):571–578, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p571\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p571_s1).

**Dutta:1968:MBA**

- [927] S. K. Dutta, W. A. Wilson, and A. E. S. Green. Modified Born approximation and elastic scattering by weak central potentials. *Journal of Mathematical Physics*, 9(4):578–585, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p578\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p578_s1).

**Eftimiu:1968:GFP**

- [928] C. Eftimiu and K. W. Thompson. Green's function of a particle in a uniform external field. *Journal of Mathematical Physics*, 9(4):586–587, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p586\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p586_s1).

**Gutkowski:1968:APC**

- [929] D. Gutkowski and A. Scalia. Analytic properties of a class of nonlocal interactions. I. *Journal of Mathematical Physics*, 9(4):588–592, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p588\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p588_s1).

**Martin:1968:AGF**

- [930] A. W. Martin and P. L. Pritchett. Asymptotic gravitational field of the “electron”. *Journal of Mathematical Physics*, 9(4):593–597, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p593\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p593_s1).

**Hawking:1968:GRE**

- [931] S. W. Hawking. Gravitational radiation in an expanding universe. *Journal of Mathematical Physics*, 9(4):598–604, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p598\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p598_s1).

**Craig:1968:PER**

- [932] R. A. Craig. Perturbation expansion for real-time Green's functions. *Journal of Mathematical Physics*, 9(4):605–611, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p605\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p605_s1).

**Sankaranarayanan:1968:ETR**

- [933] A. Sankaranarayanan. Extension theorem and representations. *Journal of Mathematical Physics*, 9(4):611–620, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p611\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p611_s1).

**Dollard:1968:SST**

- [934] John D. Dollard. Screening in the Schrödinger theory of scattering. *Journal of Mathematical Physics*, 9(4):620–624, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p620\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p620_s1).

**Collinson:1968:NGT**

- [935] C. D. Collinson. Note on the geometric theory of neutrinos. *Journal of Mathematical Physics*, 9(4):625–627, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p625\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p625_s1).

**Kiefer:1968:CSO**

- [936] H. M. Kiefer and D. M. Fradkin. Comments on separability operators, invariance ladder operators, and quantization of the Kepler problem in prolate-spheroidal coordinates. *Journal of Mathematical Physics*, 9(4):627–632, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p627\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p627_s1).

**Cercignani:1968:EUC**

- [937] Carlo Cercignani. Existence, uniqueness, and convergence of the solutions of models in kinetic theory. *Journal of Mathematical Physics*, 9(4):633–639, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p633\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p633_s1).

**Kramer:1968:IRS**

- [938] Peter Kramer. Irreducible representations of the semidirect-product group  $K_n = A_n : S_n$  and the harmonic-oscillator shell model. *Journal*

*of Mathematical Physics*, 9(4):639–649, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p639\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p639_s1).

**Baxter:1968:DRL**

- [939] R. J. Baxter. Dimers on a rectangular lattice. *Journal of Mathematical Physics*, 9(4):650–654, April 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i4/p650\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i4/p650_s1).

**Gordon:1968:EBE**

- [940] Roy G. Gordon. Error bounds in equilibrium statistical mechanics. *Journal of Mathematical Physics*, 9(5):655–663, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p655\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p655_s1).

**Sharp:1968:PB**

- [941] R. T. Sharp and S. C. Pieper.  $O(5)$  Polynomial bases. *Journal of Mathematical Physics*, 9(5):663–667, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p663\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p663_s1).

**delaPena-Auerbach:1968:QMD**

- [942] L. de la Peña-Auerbach, E. Braun, and L. S. García Colín. Quantum-mechanical description of a Brownian particle. *Journal of Mathematical Physics*, 9(5):668–674, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p668\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p668_s1).

**Goldberg:1968:GTI**

- [943] Joshua N. Goldberg. Green's theorem and invariant transformations. *Journal of Mathematical Physics*, 9(5):674–679, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p674\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p674_s1).

**Zwanzig:1968:FSH**

- [944] Robert Zwanzig. Frequency spectra of harmonic lattices with weak long-range interactions. *Journal of Mathematical Physics*, 9(5):679–685, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p679\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p679_s1).

**Roth:1968:EIC**

- [945] Charles Roth. Electrostatic interactions of the configuration  $d^{n-1}sp$ . *Journal of Mathematical Physics*, 9(5):686–692, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p686\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p686_s1).

**Mehta:1968:SII**

- [946] C. L. Mehta. Some inequalities involving traces of operators. *Journal of Mathematical Physics*, 9(5):693–697, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p693\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p693_s1).

**Lenard:1968:SMI**

- [947] A. Lenard and Freeman J. Dyson. Stability of matter. II. *Journal of Mathematical Physics*, 9(5):698–711, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p698\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p698_s1).

**Johnson:1968:OBP**

- [948] Porter Johnson. Orear behavior in potential scattering. *Journal of Mathematical Physics*, 9(5):712–718, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p712\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p712_s1).

**Wilner:1968:IES**

- [949] M. Wilner. An integral equation for the scattering operator. *Journal of Mathematical Physics*, 9(5):719–724, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p719\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p719_s1).

**Alexanian:1968:FTF**

- [950] Moorad Alexanian. Field-theoretic formulation of quantum statistical mechanics. *Journal of Mathematical Physics*, 9(5):725–733, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p725\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p725_s1).

**Alexanian:1968:IRS**

- [951] Moorad Alexanian. Integral representation for systems of interacting particles. *Journal of Mathematical Physics*, 9(5):734–737, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p734\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p734_s1).



**Komy:1968:SPL**

- [952] S. Komy and L. O’Raifeartaigh. Some properties of ladder operators. *Journal of Mathematical Physics*, 9(5):738–744, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p738\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p738_s1).

**Diesendorf:1968:QCP**

- [953] Mark Diesendorf and Barry W. Ninham. Quantum corrections to the pair distribution function of a classical plasma. *Journal of Mathematical Physics*, 9(5):745–752, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p745\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p745_s1).

**Bowden:1968:STE**

- [954] Robert L. Bowden, F. Joseph McCrosson, and Edgar A. Rhodes. Solution of the transport equation with anisotropic scattering in slab geometry. *Journal of Mathematical Physics*, 9(5):753–759, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p753\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p753_s1).

**Greene:1968:TDM**

- [955] John M. Greene. Two-dimensional measure-preserving mappings. *Journal of Mathematical Physics*, 9(5):760–768, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p760\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p760_s1).

**Leaf:1968:WTN**

- [956] Boris Leaf. Weyl transform in nonrelativistic quantum dynamics. *Journal of Mathematical Physics*, 9(5):769–781, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p769\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p769_s1).

**Aly:1968:NFT**

- [957] H. H. Aly and J. G. Taylor. New field-theory approach to singular potentials. *Journal of Mathematical Physics*, 9(5):781–785, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p781\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p781_s1).

**Peres:1968:RPG**

- [958] Asher Peres. Realization of Poincaré-group generators on a light cone. *Journal of Mathematical Physics*, 9(5):785–789, May 1968. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.  
URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p785\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p785_s1).

**Eriksen:1968:PHO**

- [959] Erik Eriksen. Properties of higher-order commutator products and the Baker–Hausdorff formula. *Journal of Mathematical Physics*, 9(5):790–796, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p790\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p790_s1).

**Nutt:1968:TTP**

- [960] Gerald L. Nutt. Two- and three-particle Coulomb systems. *Journal of Mathematical Physics*, 9(5):796–803, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p796\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p796_s1).

**Rosen:1968:NFE**

- [961] Gerald Rosen. Nonexistence of finite-energy stationary quantum states in nonlinear field theories. *Journal of Mathematical Physics*, 9(5):804–805, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p804\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p804_s1).

**Eyges:1968:IMQ**

- [962] Leonard Eyges and John R. Jasperse. Improved method for quantum-mechanical three-body problem III. Use of Sturmian functions. *Journal of Mathematical Physics*, 9(5):805–812, May 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i5/p805\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i5/p805_s1).

**Bichteler:1968:GES**

- [963] Klaus Bichteler. Global existence of spin structures for gravitational fields. *Journal of Mathematical Physics*, 9(6):813–815, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p813\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p813_s1).

**Berzi:1968:LGL**

- [964] Vittorio Berzi and Vittorio Gorini. Lie-group and Lie-algebra inhomogenizations. *Journal of Mathematical Physics*, 9(6):816–828, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p816\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p816_s1).

**Berzi:1968:ICR**

- [965] Vittorio Berzi and Vittorio Gorini. Inhomogenizations and complex representations. *Journal of Mathematical Physics*, 9(6):829–836, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p829\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p829_s1).

**Hartwig:1968:IMS**

- [966] Robert E. Hartwig and John Stephenson. Ising-model spin correlations. *Journal of Mathematical Physics*, 9(6):836–848, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p836\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p836_s1).

**Rosenzweig:1968:EQC**

- [967] C. Rosenzweig and J. B. Krieger. Exact quantization conditions. *Journal of Mathematical Physics*, 9(6):849–860, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p849\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p849_s1).

**Winicour:1968:STI**

- [968] J. Winicour. Some total invariants of asymptotically flat space-times. *Journal of Mathematical Physics*, 9(6):861–867, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p861\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p861_s1).

**Mason:1968:EFP**

- [969] Rodney J. Mason. Electric-field penetration into a plasma with a fractionally accommodating boundary. *Journal of Mathematical Physics*, 9(6):868–874, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p868\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p868_s1).

**Green:1968:GOZ**

- [970] Melville S. Green. Generalized Ornstein–Zernike approach to critical phenomena. *Journal of Mathematical Physics*, 9(6):875–890, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p875\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p875_s1).

**Corbett:1968:CBS**

- [971] John V. Corbett. Convergence of the Born series. *Journal of Mathematical Physics*, 9(6):891–898, June 1968. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p891\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p891_s1).

**Wannier:1968:BBF**

- [972] G. H. Wannier and J. P. Van Dyke. Are Bloch bands at finite field adiabatically connected to those at zero field? *Journal of Mathematical Physics*, 9(6):899–904, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p899\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p899_s1).

**Cohen:1968:AMK**

- [973] Jeffrey M. Cohen. Angular momentum and the Kerr metric. *Journal of Mathematical Physics*, 9(6):905–906, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p905\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p905_s1).

**Bellman:1968:NDI**

- [974] R. Bellman, H. Kagiwada, R. Kalaba, and S. Ueno. New derivation of the integro-differential equations for Chandrasekhar's  $X$  and  $Y$  functions. *Journal of Mathematical Physics*, 9(6):906–908, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p906\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p906_s1).

**Bellman:1968:DTL**

- [975] R. E. Bellman, H. H. Kagiwada, R. E. Kalaba, and S. Ueno. Diffuse transmission of light from a central source through an inhomogeneous spherical shell with isotropic scattering. *Journal of Mathematical Physics*, 9(6):909–912, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p909\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p909_s1).

**Schild:1968:ETB**

- [976] A. Schild and J. A. Schlosser. Electromagnetic two-body problem for particles with spin. *Journal of Mathematical Physics*, 9(6):913–915, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p913\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p913_s1).

**de la Peña-Auerbach:1968:PIQ**

- [977] L. de la Peña-Auerbach and Leopoldo S. García-Colín. Possible interpretation of quantum mechanics. *Journal of Mathematical Physics*, 9(6):

916–921, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p916\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p916_s1).

**de la Pena-Auerbach:1968:SGS**

- [978] L. de la Peña-Auerbach and Leopoldo S. García-Colín. Simple generalization of Schrödinger's equation. *Journal of Mathematical Physics*, 9(6):922–927, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p922\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p922_s1).

**Carruthers:1968:LFTa**

- [979] Peter Carruthers. Local field theory and isospin invariance. I. Free-field theory of spinless bosons. *Journal of Mathematical Physics*, 9(6):928–945, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p928\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p928_s1).

**Emch:1968:NSM**

- [980] Gerard G. Emch and Geoffrey L. Sewell. Nonequilibrium statistical mechanics of open systems. *Journal of Mathematical Physics*, 9(6):946–958, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p946\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p946_s1).

**Fronsdal:1968:MEO**

- [981] C. Fronsdal and Harun Ar-Rashid. Matrix elements of operators of class I representations of  $SL(n, C)$ . *Journal of Mathematical Physics*, 9(6):959–964, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p959\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p959_s1).

**Storer:1968:PIC**

- [982] R. G. Storer. Path-integral calculation of the quantum-statistical density matrix for attractive Coulomb forces. *Journal of Mathematical Physics*, 9(6):964–970, June 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i6/p964\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i6/p964_s1).

**Cocke:1968:CPS**

- [983] W. J. Cocke and Jeffrey M. Cohen. Cauchy problem in the scalar-tensor gravitational theory. *Journal of Mathematical Physics*, 9(7):971–973,

July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p971\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p971_s1).

**Gabriel:1968:NMR**

- [984] John Gabriel. New methods for reduction of group representations. II. *Journal of Mathematical Physics*, 9(7):973–976, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p973\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p973_s1).

**Scarfone:1968:TDM**

- [985] Leonard M. Scarfone. Tamm–Dancoff method in the 2V sector of the Lee model. *Journal of Mathematical Physics*, 9(7):977–983, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p977\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p977_s1).

**Katz:1968:DNL**

- [986] Amnon Katz. Derivation of Newton’s law of gravitation from general relativity. *Journal of Mathematical Physics*, 9(7):983–985, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p983\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p983_s1).

**Dombey:1968:APS**

- [987] Norman Dombey and R. H. Jones. Analyticity properties of the scattering amplitude for singular potentials. *Journal of Mathematical Physics*, 9(7):986–995, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p986\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p986_s1).

**Rosen:1968:PSN**

- [988] Gerald Rosen. Particlelike solutions to nonlinear complex scalar field theories with positive-definite energy densities. *Journal of Mathematical Physics*, 9(7):996–998, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p996\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p996_s1).

**Rosen:1968:CPS**

- [989] Gerald Rosen. Charged particlelike solutions to nonlinear complex scalar field theories. *Journal of Mathematical Physics*, 9(7):999–1002, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p999\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p999_s1).

**Calogero:1968:VBP**

- [990] F. Calogero, O. D. Corbella, A. Degasperis, and M. B. De Stefano. Variational bounds for the potential in terms of the  $S$ -wave phase shift. *Journal of Mathematical Physics*, 9(7):1002–1006, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1002\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1002_s1).

**Nagle:1968:WGM**

- [991] John F. Nagle. Weak-graph method for obtaining formal series expansions for lattice statistical problems. *Journal of Mathematical Physics*, 9(7):1007–1019, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1007\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1007_s1).

**Nagle:1968:CTG**

- [992] J. F. Nagle and H. N. V. Temperley. Combinatorial theorem for graphs on a lattice. *Journal of Mathematical Physics*, 9(7):1020–1026, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1020\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1020_s1).

**Beltrametti:1968:RLG**

- [993] E. G. Beltrametti and A. A. Blasi. Rotation and Lorentz groups in a finite geometry. *Journal of Mathematical Physics*, 9(7):1027–1035, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1027\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1027_s1).

**Conger:1968:MCD**

- [994] Robert L. Conger. Model for converging detonations in solid explosives. *Journal of Mathematical Physics*, 9(7):1036–1040, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1036\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1036_s1).

**Smith:1968:PTC**

- [995] P. R. Smith and B. G. Wybourne. Plethysm and the theory of complex spectra. *Journal of Mathematical Physics*, 9(7):1040–1051, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1040\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1040_s1).

**Misra:1968:TNV**

- [996] M. Misra. Type-null vacuum solutions in general relativity. *Journal of Mathematical Physics*, 9(7):1052, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1052\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1052_s1).

**Kaufmann:1968:RSS**

- [997] William J. Kaufmann III. Radiating spheres in the scalar-tensor theory of general relativity. *Journal of Mathematical Physics*, 9(7):1053–1057, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1053\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1053_s1).

**Devi:1968:BRC**

- [998] V. Syamala Devi and T. Venkatarayudu. Bases for the representations of  $u_4$  in the chain  $U_4 \supset U_2 + U_2$ . *Journal of Mathematical Physics*, 9(7):1057–1058, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1057\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1057_s1).

**Thompson:1968:SMI**

- [999] Colin J. Thompson. Spherical model as an instance of eigenvalue degeneracy. *Journal of Mathematical Physics*, 9(7):1059–1062, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1059\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1059_s1).

**Matzner:1968:SBS**

- [1000] Richard A. Matzner. 3-sphere “backgrounds” for the space sections of the Taub cosmological solution. *Journal of Mathematical Physics*, 9(7):1063–1067, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1063\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1063_s1).

**Corio:1968:COA**

- [1001] P. L. Corio. Construction of orthonormal angular-momentum operators. *Journal of Mathematical Physics*, 9(7):1067–1071, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1067\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1067_s1).

**Stewart:1968:SEE**

- [1002] J. M. Stewart and G. F. R. Ellis. Solutions of Einstein’s equations for a fluid which exhibit local rotational symmetry. *Journal of Mathematical*



*Physics*, 9(7):1072–1082, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1072\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1072_s1).

**Armstrong:1968:REA**

- [1003] Lloyd Armstrong, Jr. Relativistic effects in atomic fine structure. II. *Journal of Mathematical Physics*, 9(7):1083–1086, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1083\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1083_s1).

**Gordon:1968:EBS**

- [1004] R. G. Gordon. Error bounds in spectroscopy and nonequilibrium statistical mechanics. *Journal of Mathematical Physics*, 9(7):1087–1092, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1087\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1087_s1).

**Pearle:1968:CIC**

- [1005] Philip Pearle. Construction of an invariance from a conservation law, and vice versa, in classical mechanics. *Journal of Mathematical Physics*, 9(7):1092–1102, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1092\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1092_s1).

**Whitten:1968:SRT**

- [1006] R. C. Whitten and F. T. Smith. Symmetric representation for three-body problems. II. Motion in space. *Journal of Mathematical Physics*, 9(7):1103–1113, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1103\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1103_s1).

**McDonald:1968:NNS**

- [1007] J. F. McDonald and L. D. Favro. Nearest-neighbor spacing distribution for an ensemble of random matrices with a nonrandom bias. *Journal of Mathematical Physics*, 9(7):1114–1119, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1114\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1114_s1).

**Lanford:1968:MES**

- [1008] Oscar E. Lanford III and Derek W. Robinson. Mean entropy of states in quantum-statistical mechanics. *Journal of Mathematical Physics*, 9(7):

1120–1125, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1120\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1120_s1).

**Lutzky:1968:PDE**

- [1009] M. Lutzky. Parameter differentiation of exponential operators and the Baker–Campbell–Hausdorff formula. *Journal of Mathematical Physics*, 9(7):1125–1128, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1125\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1125_s1).

**Rosenblatt:1968:RBE**

- [1010] M. Rosenblatt. Remarks on the Burgers equation. *Journal of Mathematical Physics*, 9(7):1129–1136, July 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1129\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i7/p1129_s1).

**Challifour:1968:TOP**

- [1011] John L. Challifour. Time-ordered products in two-dimensional field theories. *Journal of Mathematical Physics*, 9(8):1137–1145, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1137\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1137_s1).

**Pauri:1968:CRG**

- [1012] M. Pauri and G. M. Prosperi. Canonical realizations of the Galilei group. *Journal of Mathematical Physics*, 9(8):1146–1162, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1146\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1146_s1).

**Miller:1968:SFCa**

- [1013] Willard Miller, Jr. Special functions and the complex Euclidean group in 3-space. I. *Journal of Mathematical Physics*, 9(8):1163–1175, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1163\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1163_s1).

**Miller:1968:SFCb**

- [1014] Willard Miller, Jr. Special functions and the complex Euclidean group in 3-space. II. *Journal of Mathematical Physics*, 9(8):1175–1187, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1175\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1175_s1).

**Pajas:1968:DRS**

- [1015] P. Pajas and R. Raczka. Degenerate representations of the symplectic groups. I. The compact group  $sp(n)$ . *Journal of Mathematical Physics*, 9(8):1188–1201, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1188\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1188_s1).

**Miura:1968:KVEa**

- [1016] Robert M. Miura. Korteweg–de Vries equation and generalizations. I. A remarkable explicit nonlinear transformation. *Journal of Mathematical Physics*, 9(8):1202–1204, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1202\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1202_s1).

**Miura:1968:KVEb**

- [1017] Robert M. Miura, Clifford S. Gardner, and Martin D. Kruskal. Korteweg–de Vries equation and generalizations. II. Existence of conservation laws and constants of motion. *Journal of Mathematical Physics*, 9(8):1204–1209, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1204\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1204_s1).

**Ferreira:1968:PMV**

- [1018] Erasmo M. Ferreira, Nilo Guillén, and Javier Sesma. Properties of the  $S$  matrix for velocity-dependent potentials. *Journal of Mathematical Physics*, 9(8):1210–1223, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1210\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1210_s1).

**Kemmer:1968:IRF**

- [1019] N. Kemmer, D. L. Pursey, and S. A. Williams. Irreducible representations of the five-dimensional rotation group. I. *Journal of Mathematical Physics*, 9(8):1224–1230, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1224\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1224_s1).

**Williams:1968:IRF**

- [1020] S. A. Williams and D. L. Pursey. Irreducible representations of the five-dimensional rotation group. II. *Journal of Mathematical Physics*, 9(8):1230–1240, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1230\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1230_s1).

**Sabatier:1968:ASP**

- [1021] Pierre C. Sabatier. Approach to scattering problems through Interpolation formulas and application to spin-orbit potentials. *Journal of Mathematical Physics*, 9(8):1241–1258, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1241\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1241_s1).

**Humi:1968:EFM**

- [1022] Mayer Humi. Extension of the factorization method. *Journal of Mathematical Physics*, 9(8):1258–1265, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1258\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1258_s1).

**Kadish:1968:EEI**

- [1023] Abraham Kadish. Extended energy-integral technique for linear differential equations. *Journal of Mathematical Physics*, 9(8):1266–1269, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1266\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1266_s1).

**Miller:1968:CSE**

- [1024] Marvin M. Miller. Convergence of the Sudarshan expansion for the diagonal coherent-state weight functional. *Journal of Mathematical Physics*, 9(8):1270–1274, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1270\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1270_s1).

**Chakrabarti:1968:LBP**

- [1025] Amitabha Chakrabarti, Monique Levy-Nahas, and Roland Seneor. ‘Lorentz basis’ of the Poincaré group. *Journal of Mathematical Physics*, 9(8):1274–1283, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1274\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1274_s1).

**Griffiths:1968:RSS**

- [1026] Robert B. Griffiths and J. L. Lebowitz. Random spin systems: Some rigorous results. *Journal of Mathematical Physics*, 9(8):1284–1292, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1284\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1284_s1).

**Miller:1968:TCC**

- [1027] Kenneth J. Miller. Two-center Coulomb and hybrid integrals. *Journal of Mathematical Physics*, 9(8):1292–1294, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1292\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1292_s1).

**Ansari:1968:QRCa**

- [1028] S. M. Razaullah Ansari. Quasibinomial representations of Clebsch–Gordan coefficients. I. Square symbol. *Journal of Mathematical Physics*, 9(8):1295–1299, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1295\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1295_s1).

**Ansari:1968:QRcb**

- [1029] S. M. Razaullah Ansari. Quasibinomial representations of Clebsch–Gordan coefficients. II. “negative” representations. *Journal of Mathematical Physics*, 9(8):1299–1305, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1299\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1299_s1).

**Rosen:1968:CIL**

- [1030] Joe Rosen. Construction of invariants for Lie algebras of inhomogeneous pseudo-orthogonal and pseudo-unitary groups. *Journal of Mathematical Physics*, 9(8):1305–1307, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1305\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1305_s1).

**Swan:1968:CDT**

- [1031] G. W. Swan. Current distribution in a thin superconducting strip. *Journal of Mathematical Physics*, 9(8):1308–1312, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1308\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1308_s1).

**Casher:1968:FIM**

- [1032] A. Casher, D. Lurié, and M. Revzen. Functional integrals for many-boson systems. *Journal of Mathematical Physics*, 9(8):1312–1318, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1312\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1312_s1).

**Vishveshwara:1968:GSS**

- [1033] C. V. Vishveshwara. Generalization of the “schwarzschild surface” to arbitrary static and stationary metrics. *Journal of Mathematical Physics*,

9(8):1319–1322, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1319\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1319_s1).

**Pinski:1968:IPS**

- [1034] G. Pinski. Interaction of particlelike solutions in a classical nonlinear model field theory. *Journal of Mathematical Physics*, 9(8):1323–1326, August 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1323\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i8/p1323_s1).

**Richardson:1968:ESM**

- [1035] R. W. Richardson. Exactly solvable many-boson model. *Journal of Mathematical Physics*, 9(9):1327–1343, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1327\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1327_s1).

**Ehlers:1968:ISE**

- [1036] J. Ehlers, P. Geren, and R. K. Sachs. Isotropic solutions of the Einstein–Liouville equations. *Journal of Mathematical Physics*, 9(9):1344–1349, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1344\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1344_s1).

**Woolcock:1968:ABS**

- [1037] W. S. Woolcock. Asymptotic behavior of Stieltjes transforms. II. *Journal of Mathematical Physics*, 9(9):1350–1356, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1350\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1350_s1).

**Fontana:1968:OTC**

- [1038] Peter R. Fontana and William J. Meath. One- and two-center expansions of the Breit–Pauli Hamiltonian. *Journal of Mathematical Physics*, 9(9):1357–1364, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1357\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1357_s1).

**Robinson:1968:SVP**

- [1039] P. D. Robinson and A. M. Arthurs. Some variational principles for integral equations. *Journal of Mathematical Physics*, 9(9):1364–1368, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1364\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1364_s1).

**Sullivan:1968:APA**

- [1040] John J. Sullivan. Antisymmetric projection in the approximation of no spin-orbit coupling. *Journal of Mathematical Physics*, 9(9):1369–1374, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1369\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1369_s1).

**Mehta:1968:ICG**

- [1041] M. L. Mehta and P. K. Srivastava. Irreducible corepresentations of groups having a compact simple Lie group as a subgroup of index 2. *Journal of Mathematical Physics*, 9(9):1375–1385, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1375\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1375_s1).

**Whiteman:1968:INP**

- [1042] K. J. Whiteman and B. McNamara. Invariants of nearly periodic Hamiltonian systems. II. *Journal of Mathematical Physics*, 9(9):1385–1389, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1385\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1385_s1).

**Fink:1968:AEF**

- [1043] James P. Fink. Asymptotic estimates of Feynman integrals. *Journal of Mathematical Physics*, 9(9):1389–1400, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1389\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1389_s1).

**Pandres:1968:SPH**

- [1044] Dave Pandres and Donald A. Jacobson. Scalar product for harmonic functions of the group  $SU(2)$ . *Journal of Mathematical Physics*, 9(9):1401–1403, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1401\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1401_s1).

**Speer:1968:AR**

- [1045] Eugene R. Speer. Analytic renormalization. *Journal of Mathematical Physics*, 9(9):1404–1410, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1404\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1404_s1).

**Turner:1968:VQO**

- [1046] James E. Turner. Violation of the quantum ordering of propositions in hidden-variable theories. *Journal of Mathematical Physics*, 9(9):1411–

1415, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1411\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1411_s1).

**Yndurain:1968:LCD**

- [1047] F. J. Ynduráin. Lorentz covariant distributions. *Journal of Mathematical Physics*, 9(9):1415–1422, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1415\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1415_s1).

**Yndurain:1968:HTP**

- [1048] F. J. Ynduráin. “Haag Theorem” for the point-coupling relativistic Lee model. *Journal of Mathematical Physics*, 9(9):1423–1424, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1423\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1423_s1).

**Rafanelli:1968:GSO**

- [1049] Kenneth Rafanelli. Generalized second-order relativistic wave equations. I. *Journal of Mathematical Physics*, 9(9):1425–1428, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1425\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1425_s1).

**Favro:1968:ERM**

- [1050] L. D. Favro and J. F. McDonald. Ensemble of random matrices with a random bias. *Journal of Mathematical Physics*, 9(9):1429–1434, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1429\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1429_s1).

**Miller:1968:SFCC**

- [1051] Willard Miller, Jr. Special functions and the complex Euclidean group in 3-space. III. *Journal of Mathematical Physics*, 9(9):1434–1444, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1434\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1434_s1).

**Tiersten:1968:NBI**

- [1052] H. F. Tiersten. Natural boundary and initial conditions from a modification of Hamilton’s principle. *Journal of Mathematical Physics*, 9(9):1445–1451, September 1968. CODEN JMAPAQ. ISSN 0022-2488



(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1445\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1445_s1).

**Sposito:1968:QEP**

- [1053] Garrison Sposito. Quantum-ergodic problem. *Journal of Mathematical Physics*, 9(9):1452–1456, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1452\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1452_s1).

**Goldstein:1968:ISM**

- [1054] Rubin Goldstein. Iterative solutions by means of trial operators. *Journal of Mathematical Physics*, 9(9):1456–1461, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1456\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1456_s1).

**Keam:1968:RBS**

- [1055] R. F. Keam. Reduction of the Bethe–Salpeter equation for a zero-mass system. *Journal of Mathematical Physics*, 9(9):1462–1467, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1462\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1462_s1).

**Licht:1968:BDL**

- [1056] A. L. Licht. Background dependence of local states. *Journal of Mathematical Physics*, 9(9):1468–1475, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1468\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1468_s1).

**Licht:1968:CSL**

- [1057] A. L. Licht. Coherent superposition of local states. *Journal of Mathematical Physics*, 9(9):1476–1480, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1476\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1476_s1).

**Kraut:1968:EWP**

- [1058] Edgar A. Kraut. Elastic-wave propagation and the factorization of matrix-valued functions of several complex variables. *Journal of Mathematical Physics*, 9(9):1481–1487, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1481\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1481_s1).

**Klauder:1968:NZM**

- [1059] L. T. Klauder, Jr. and J. G. Gay. Note on Zak's method for constructing representations of space groups. *Journal of Mathematical Physics*, 9(9):1488–1489, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1488\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1488_s1).

**Atkinson:1968:DSV**

- [1060] D. Atkinson and A. P. Contogouris. Diffraction scattering and vector-meson resonances. *Journal of Mathematical Physics*, 9(9):1489–1500, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1489\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1489_s1).

**Cornille:1968:TBR**

- [1061] H. Cornille and G. Rubinstein. Threshold-behavior requirements for  $P$ -wave  $N/D$  equations. *Journal of Mathematical Physics*, 9(9):1501–1516, September 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1501\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i9/p1501_s1).

**Novozhilov:1968:URG**

- [1062] Yuri V. Novozhilov and Igor A. Terentjev. Unitary representations of the generalized Poincaré groups. *Journal of Mathematical Physics*, 9(10):1517–1526, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1517\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1517_s1).

**Burke:1968:NSM**

- [1063] T. Burke and J. L. Lebowitz. Note on statistical mechanics of random systems. *Journal of Mathematical Physics*, 9(10):1526–1534, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1526\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1526_s1).

**Hill:1968:QCS**

- [1064] Robert Nyden Hill. Quantum corrections to the second virial coefficient at high temperatures. *Journal of Mathematical Physics*, 9(10):1534–1547, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1534\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1534_s1).

**Stapp:1968:CHA**

- [1065] Henry P. Stapp. Crossing, Hermitian analyticity, and the connection between spin and statistics. *Journal of Mathematical Physics*, 9(10):1548–1592, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1548\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1548_s1).

**Rosen:1968:TID**

- [1066] S. P. Rosen. TCP invariance and the dimensionality of space–time. *Journal of Mathematical Physics*, 9(10):1593–1594, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1593\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1593_s1).

**Grgin:1968:NPD**

- [1067] Emile Grgin. Null and pseudonull data for scalar fields. *Journal of Mathematical Physics*, 9(10):1595–1601, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1595\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1595_s1).

**Bialynicki-Birula:1968:GFI**

- [1068] I. Bialynicki-Birula and J. Piasecki. Green’s functions for the Ising chain. *Journal of Mathematical Physics*, 9(10):1602–1605, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1602\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1602_s1).

**Bacry:1968:PK**

- [1069] Henri Bacry and Jean-Marc Lévy-Leblond. Possible kinematics. *Journal of Mathematical Physics*, 9(10):1605–1614, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1605\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1605_s1).

**Yao:1968:UIR**

- [1070] Tsu Yao. Unitary irreducible representations of  $SU(2, 2)$ . II. *Journal of Mathematical Physics*, 9(10):1615–1626, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1615\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1615_s1).

**Mavromatis:1968:IFP**

- [1071] H. A. Mavromatis and K. Schilcher. Inverse functions of the products of two Bessel functions and applications to potential scattering. *Journal of*

*Mathematical Physics*, 9(10):1627–1632, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1627\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1627_s1).

**Johnson:1968:HEF**

- [1072] Porter Johnson. High-energy fixed-angle potential scattering. *Journal of Mathematical Physics*, 9(10):1633–1638, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1633\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1633_s1).

**Doebner:1968:LDG**

- [1073] H. D. Doebner and O. Melsheimer. Limitable dynamical groups in quantum mechanics. I. General theory and a spinless model. *Journal of Mathematical Physics*, 9(10):1638–1656, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1638\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1638_s1).

**Matzner:1968:ASS**

- [1074] Richard A. Matzner. Almost symmetric spaces and gravitational radiation. *Journal of Mathematical Physics*, 9(10):1657–1668, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1657\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1657_s1).

**Klink:1968:MPC**

- [1075] William H. Klink. Multiplicity problem for compact subgroups of non-compact groups. *Journal of Mathematical Physics*, 9(10):1669–1679, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1669\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1669_s1).

**McQuistan:1968:EOK**

- [1076] R. B. McQuistan and D. Lichtman. Exact occupation kinetics for one-dimensional arrays of dumbbells. *Journal of Mathematical Physics*, 9(10):1680–1684, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1680\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1680_s1).

**Ehrhardt:1968:CUM**

- [1077] P. O. G. Ehrhardt and D. B. Fairlie. Crossing and unitarity in a multichannel static model. I. *Journal of Mathematical Physics*, 9(10):1685–1689, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-

7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1685\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1685_s1).

**deAzcarraga:1968:PGI**

- [1078] José A. de Azcárraga and Luis J. Boya. Poincaré group and the invariant relativistic equations for massive particles of any spin. *Journal of Mathematical Physics*, 9(10):1689–1693, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1689\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1689_s1).

**Katz:1968:RAE**

- [1079] Amnon Katz. Retarded and advanced electromagnetic fields in Friedmann universes. *Journal of Mathematical Physics*, 9(10):1694–1700, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1694\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1694_s1).

**Carroll:1968:EOEa**

- [1080] M. M. Carroll and R. S. Rivlin. Electro-optical effects. II. *Journal of Mathematical Physics*, 9(10):1701–1704, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1701\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1701_s1).

**Kim:1968:MAP**

- [1081] Shoon Kyung Kim. Modified admittance, perpendicular susceptibilities, and transformation of correlations of the Ising model. *Journal of Mathematical Physics*, 9(10):1705–1714, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1705\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1705_s1).

**Datta:1968:SEF**

- [1082] B. K. Datta and A. K. Raychaudhuri. Stationary electromagnetic fields in general relativity. *Journal of Mathematical Physics*, 9(10):1715–1718, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1715\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1715_s1).

**Federbush:1968:LOA**

- [1083] Paul Federbush. Local operator algebras in the presence of superselection rules. *Journal of Mathematical Physics*, 9(10):1718–1721, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1718\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1718_s1).

**Abu-Shumays:1968:GFEa**

- [1084] I. K. Abu-Shumays and E. H. Bareiss. Generating functions for the exact solution of the transport equation. I. *Journal of Mathematical Physics*, 9(10):1722–1731, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1722\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1722_s1).

**Kahane:1968:ARC**

- [1085] Joseph Kahane. Algorithm for reducing contracted products of  $\gamma$  matrices. *Journal of Mathematical Physics*, 9(10):1732–1738, October 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1732\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i10/p1732_s1).

**Geroch:1968:SSS**

- [1086] Robert Geroch. Spinor structure of space-times in general relativity. I. *Journal of Mathematical Physics*, 9(11):1739–1744, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1739\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1739_s1).

**Harrison:1968:NSE**

- [1087] B. Kent Harrison. New solutions of the Einstein–Maxwell equations from old. *Journal of Mathematical Physics*, 9(11):1744–1752, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1744\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1744_s1).

**Bowden:1968:SER**

- [1088] Robert L. Bowden and Norman R. Richardson. Solution of the equations of Radiative Transfer in a free-electron atmosphere. *Journal of Mathematical Physics*, 9(11):1753–1761, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1753\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1753_s1).

**Finkelstein:1968:CBS**

- [1089] David Finkelstein and Julio Rubinstein. Connection between spin, statistics, and kinks. *Journal of Mathematical Physics*, 9(11):1762–1779, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1762\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1762_s1).

**Kobe:1968:PCDa**

- [1090] Donald H. Kobe. Principle of compensation of dangerous diagrams for boson systems. I. Maximum overlap. *Journal of Mathematical Physics*, 9(11):1779–1794, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1779\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1779_s1).

**Kobe:1968:PCDb**

- [1091] Donald H. Kobe. Principle of compensation of dangerous diagrams for boson systems. II. Minimum quasiparticle number. *Journal of Mathematical Physics*, 9(11):1795–1805, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1795\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1795_s1).

**Hakim:1968:RSP**

- [1092] Rémi Hakim. Relativistic stochastic processes. *Journal of Mathematical Physics*, 9(11):1805–1818, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1805\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1805_s1).

**Dunnett:1968:IMC**

- [1093] D. A. Dunnett, E. W. Laing, and J. B. Taylor. Invariants in the motion of a charged particle in a spatially modulated magnetic field. *Journal of Mathematical Physics*, 9(11):1819–1823, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1819\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1819_s1).

**McKerrell:1968:KSH**

- [1094] A. McKerrell. Kinematic singularities of helicity and transversity amplitudes and asymptotic Regge-pole contributions. *Journal of Mathematical Physics*, 9(11):1824–1832, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1824\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1824_s1).

**Roth:1968:SOI**

- [1095] Charles Roth. Spin-orbit interactions of the configuration  $\ell^{n-1}\ell'\ell''$ . *Journal of Mathematical Physics*, 9(11):1832–1834, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1832\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1832_s1).

**Carruthers:1968:LFT**

- [1096] P. Carruthers. Local field theory and isospin invariance. II. Free field theory of arbitrary spin particles. *Journal of Mathematical Physics*, 9(11):1835–1845, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1835\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1835_s1).

**Levine:1968:VAM**

- [1097] A. D. Levine and C. F. Hayes. Variational approach to multiple scattering. *Journal of Mathematical Physics*, 9(11):1845–1847, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1845\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1845_s1).

**Atkinson:1968:NRS**

- [1098] D. Atkinson. Narrow resonance saturation of sum rules: A nonuniqueness theorem. *Journal of Mathematical Physics*, 9(11):1848–1864, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1848\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1848_s1).

**Compton:1968:OTD**

- [1099] R. T. Compton, Jr. One- and two-dimensional Green's functions for electromagnetic waves in moving simple media. *Journal of Mathematical Physics*, 9(11):1865–1872, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1865\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1865_s1).

**Williams:1968:DLCa**

- [1100] M. M. R. Williams. Diffusion length and criticality problems in two- and three-dimensional, one-speed neutron transport theory. I. Rectangular coordinates. *Journal of Mathematical Physics*, 9(11):1873–1885, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1873\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1873_s1).

**Williams:1968:DLCb**

- [1101] M. M. R. Williams. Diffusion length and criticality problems in two- and three-dimensional, one-speed neutron transport theory. II. Circular cylindrical coordinates. *Journal of Mathematical Physics*, 9(11):1885–1889, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1885\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1885_s1).



**Frank:1968:SCL**

- [1102] William M. Frank. Strong-coupling limit in potential theory. II. *Journal of Mathematical Physics*, 9(11):1890–1898, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1890\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1890_s1). See erratum [1405].

**Chadan:1968:DNS**

- [1103] K. Chadan and A. Montes. Derivation of nonrelativistic sum rules from the causality condition of Wigner and Van Kampen. *Journal of Mathematical Physics*, 9(11):1898–1914, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1898\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1898_s1).

**Canosa:1968:ABC**

- [1104] José Canosa and Julian Cole. Asymptotic behavior of certain nonlinear boundary-value problems. *Journal of Mathematical Physics*, 9(11):1915–1921, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1915\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1915_s1).

**Chappell:1968:MAK**

- [1105] Willard R. Chappell. Microscopic approach to kinetic theory: Inhomogeneous systems. *Journal of Mathematical Physics*, 9(11):1921–1926, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1921\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1921_s1).

**Pinski:1968:GTC**

- [1106] G. Pinski. Galilean tensor calculus. *Journal of Mathematical Physics*, 9(11):1927–1930, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1927\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1927_s1).

**Jasperse:1968:ATB**

- [1107] J. R. Jasperse. Approach to the three-body scattering problem. *Journal of Mathematical Physics*, 9(11):1931–1936, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1931\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1931_s1).

**Delbourgo:1968:RFD**

- [1108] R. Delbourgo. Representation functions for the degenerate baryon series in  $U(6) \otimes U(6)$ . *Journal of Mathematical Physics*, 9(11):1936–1939,

November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1936\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1936_s1).

**Tross:1968:CMFa**

- [1109] Ralph G. Tross and Louis H. Lund. Cell model of a fluid. I. Evaluation of the partition function and series expansions. *Journal of Mathematical Physics*, 9(11):1940–1956, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1940\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1940_s1).

**Tross:1968:CMFb**

- [1110] Ralph G. Tross and Louis H. Lund. Cell model of a fluid. II. Thermodynamic properties of the system. *Journal of Mathematical Physics*, 9(11):1957–1975, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1957\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1957_s1).

**Lewis:1968:CEI**

- [1111] H. R. Lewis, Jr. Class of exact invariants for classical and quantum time-dependent harmonic oscillators. *Journal of Mathematical Physics*, 9(11):1976–1986, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1976\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1976_s1).

**Carmeli:1968:RTD**

- [1112] Moshe Carmeli. Representations of the three-dimensional rotation group in terms of direction and angle of rotation. *Journal of Mathematical Physics*, 9(11):1987–1992, November 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1987\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i11/p1987_s1).

**Abu-Shumays:1968:GFEB**

- [1113] I. K. Abu-Shumays and E. H. Bareiss. Generating functions for the exact solution of the transport equation. II. Time-dependent with anisotropic scattering. *Journal of Mathematical Physics*, 9(12):1993–2001, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p1993\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p1993_s1).

**Lalor:1968:IWP**

- [1114] Éamon Lalor. Inverse wave propagator. *Journal of Mathematical Physics*, 9(12):2001–2006, December 1968. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2001\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2001_s1).

**Gillis:1968:RMP**

- [1115] N. S. Gillis. Response of a many-particle system to quasistatic changes in volume. *Journal of Mathematical Physics*, 9(12):2007–2016, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2007\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2007_s1).

**Mitchell:1968:RDP**

- [1116] Thomas P. Mitchell and J. A. Burns. Relativistic dynamics of a point charge in a magnetic-monopole field. *Journal of Mathematical Physics*, 9(12):2016–2017, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2016\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2016_s1).

**Ozizmir:1968:TRE**

- [1117] Ercüment Özizmir. Transmission and reflection of electromagnetic waves at the boundary of a relativistic collisionless plasma. *Journal of Mathematical Physics*, 9(12):2018–2028, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2018\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2018_s1).

**Hegerfeldt:1968:PFS**

- [1118] G. C. Hegerfeldt, K. Kraus, and E. P. Wigner. Proof of the Fermion superselection rule without the assumption of time-reversal invariance. *Journal of Mathematical Physics*, 9(12):2029–2031, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2029\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2029_s1).

**Canosa:1968:NBV**

- [1119] José Canosa. Nonlinear boundary-value problems in one- and two-dimensional composite domains. *Journal of Mathematical Physics*, 9(12):2032–2036, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2032\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2032_s1).

**Anderson:1968:VSN**

- [1120] N. Anderson and A. M. Arthurs. Variational solutions of nonlinear Poisson–Boltzmann boundary-value problems. *Journal of Mathematical Physics*, 9(12):2037–2038, December 1968. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2037\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2037_s1).

**Moses:1968:RRR**

- [1121] Harry E. Moses. Reduction of reducible representations of the Poincaré group to standard helicity representations. *Journal of Mathematical Physics*, 9(12):2039–2049, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2039\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2039_s1).

**Newton:1968:DAD**

- [1122] Roger G. Newton. Determination of the amplitude from the differential cross section by unitarity. *Journal of Mathematical Physics*, 9(12):2050–2055, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2050\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2050_s1). See addendum [1437].

**Muraskin:1968:IHM**

- [1123] Murray Muraskin. Interpretation of  $\Gamma_{[jk]}^i$  in a Huygens model. *Journal of Mathematical Physics*, 9(12):2056–2060, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2056\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2056_s1).

**Radhakrishnan:1968:CGS**

- [1124] D. Radhakrishnan. On the Clebsch–Gordan series of a semisimple Lie algebra. *Journal of Mathematical Physics*, 9(12):2061–2063, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2061\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2061_s1).

**Suzuki:1968:TIM**

- [1125] Masuo Suzuki. Theorems on the Ising model with general spin and phase transition. *Journal of Mathematical Physics*, 9(12):2064–2068, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2064\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2064_s1).

**Barston:1968:EPL**

- [1126] E. M. Barston. Eigenvalue problem for Lagrangian systems. III. *Journal of Mathematical Physics*, 9(12):2069–2075, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2069\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2069_s1).

**Hoegh-Krohn:1968:AFS**

- [1127] Raphael Høegh-Krohn. Asymptotic fields in some models of quantum field theory. I. *Journal of Mathematical Physics*, 9(12):2075–2080, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2075\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2075_s1).

**Chen:1968:GFE**

- [1128] K. C. Chen and J. L. Yen. Green's functions for electromagnetic waves in moving lossy media. *Journal of Mathematical Physics*, 9(12):2081–2086, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2081\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2081_s1).

**Chakrabarti:1968:CRA**

- [1129] A. Chakrabarti. Class of representations of the  $IU(n)$  and  $IO(n)$  algebras and respective deformations to  $U(n, 1)$ ,  $O(n, 1)$ . *Journal of Mathematical Physics*, 9(12):2087–2100, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2087\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2087_s1).

**Kuriyan:1968:MAR**

- [1130] Jacob G. Kuriyan, N. Mukunda, and E. C. G. Sudarshan. Master analytic representation: Reduction of  $O(2, 1)$  in an  $O(1, 1)$  basis. *Journal of Mathematical Physics*, 9(12):2100–2108, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2100\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2100_s1).

**Speisman:1968:AVS**

- [1131] Gerald Speisman. Auxiliary variables in statistical mechanics: Variational principle. *Journal of Mathematical Physics*, 9(12):2109–2120, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2109\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2109_s1).

**Carmi:1968:FOP**

- [1132] Gideon Carmi. First-order phase transitions in quantum-Coulomb plasmas. *Journal of Mathematical Physics*, 9(12):2120–2131, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2120\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2120_s1).

**Sobel:1968:DEH**

- [1133] M. I. Sobel. Differential equations for Half-off-shell matrix elements. *Journal of Mathematical Physics*, 9(12):2132–2137, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2132\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2132_s1).

**Aviran:1968:MES**

- [1134] A. Aviran and J. Zak. Matrix elements in systems with nonunitary symmetry. *Journal of Mathematical Physics*, 9(12):2138–2145, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2138\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2138_s1).

**Stoyanov:1968:MRL**

- [1135] D. Tz. Stoyanov and I. T. Todorov. Majorana representations of the Lorentz group and infinite-component fields. *Journal of Mathematical Physics*, 9(12):2146–2167, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2146\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2146_s1).

**Risk:1968:AED**

- [1136] Clifford Risk. Analyticity of the envelope diagrams. *Journal of Mathematical Physics*, 9(12):2168–2172, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2168\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2168_s1).

**Siegert:1968:IML**

- [1137] A. J. F. Siegert and David J. Vezzetti. On the Ising model with long-range interaction. *Journal of Mathematical Physics*, 9(12):2173–2193, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2173\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2173_s1).

**Kundt:1968:HDE**

- [1138] W. Kundt and E. T. Newman. Hyperbolic differential equations in two dimensions. *Journal of Mathematical Physics*, 9(12):2193–2210, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2193\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2193_s1).

**Lebrun:1968:CSP**

- [1139] Jean-Pierre Lebrun. Class of solutions of the physical 3-particle unitarity equations in static  $S$ -matrix theory. *Journal of Mathematical Physics*, 9(12):2211–2225, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2211\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2211_s1).

**Luehr:1968:IST**

- [1140] C. P. Luehr and M. Rosenbaum. Intrinsic spinor techniques with applications to the Lorentz group and the Dirac equation. *Journal of Mathematical Physics*, 9(12):2225–2236, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2225\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2225_s1).

**Wu:1968:TSA**

- [1141] Hsin i Wu and Paul W. Schmidt. Theory of the small-angle X-ray scattering from randomly oriented plane laminas. *Journal of Mathematical Physics*, 9(12):2237–2252, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2237\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2237_s1).

**Rubin:1968:TPI**

- [1142] Robert J. Rubin. Transmission properties of an isotopically disordered one-dimensional harmonic crystal. *Journal of Mathematical Physics*, 9(12):2252–2266, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2252\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2252_s1).

**Carroll:1968:EOEb**

- [1143] M. M. Carroll and R. S. Rivlin. Electro-optical effects. III. *Journal of Mathematical Physics*, 9(12):2267–2278, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2267\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2267_s1).

**Landshoff:1968:CTM**

- [1144] P. V. Landshoff. Cayley transform of the  $S$  matrix. *Journal of Mathematical Physics*, 9(12):2279–2282, December 1968. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2279\\_s1](http://jmp.aip.org/resource/1/jmapaq/v9/i12/p2279_s1).

**Thorpe:1969:CPC**

- [1145] John A. Thorpe. Curvature and the Petrov canonical forms. *Journal of Mathematical Physics*, 10(1):1–7, January 1969. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p1\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p1_s1).

**Millard:1969:TIP**

- [1146] Kenneth Millard. Translational invariance properties of a finite one-dimensional hard-core fluid using the grand canonical ensemble. *Journal of Mathematical Physics*, 10(1):7–13, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p7\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p7_s1).

**Lerche:1969:ITW**

- [1147] I. Lerche. Instability of transverse waves in a relativistic plasma. *Journal of Mathematical Physics*, 10(1):13–20, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p13\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p13_s1).

**Chang:1969:URB**

- [1148] Shau-Jin Chang and L. O’Raifeartaigh. Unitary representations of  $SL(2, C)$  in an  $E(2)$  basis. *Journal of Mathematical Physics*, 10(1):21–29, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p21\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p21_s1).

**Zickendraht:1969:CSA**

- [1149] W. Zickendraht. Configuration-space approach to the four-particle problem. *Journal of Mathematical Physics*, 10(1):30–37, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p30\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p30_s1).

**Penrose:1969:SZR**

- [1150] Roger Penrose. Solutions of the zero-rest-mass equations. *Journal of Mathematical Physics*, 10(1):38–39, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p38\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p38_s1).

**Dobson:1969:MNI**

- [1151] J. F. Dobson. Many-neighbored Ising chain. *Journal of Mathematical Physics*, 10(1):40–45, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p40\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p40_s1).



**Gamblin:1969:CCT**

- [1152] Rodger L. Gamblin. Comments on the classical theory of magnetic monopoles. *Journal of Mathematical Physics*, 10(1):46–48, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p46\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p46_s1).

**Gould:1969:NTB**

- [1153] H. W. Gould. Note on two binomial coefficient identities of Rosenbaum. *Journal of Mathematical Physics*, 10(1):49–50, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p49\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p49_s1).

**Federbush:1969:PAD**

- [1154] Paul Federbush. Partially alternate derivation of a result of Nelson. *Journal of Mathematical Physics*, 10(1):50–52, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p50\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p50_s1).

**Antoine:1969:DFSa**

- [1155] J. P. Antoine. Dirac formalism and symmetry problems in quantum mechanics. I. General Dirac formalism. *Journal of Mathematical Physics*, 10(1):53–69, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p53\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p53_s1).

**Carter:1969:KHO**

- [1156] Brandon Carter. Killing horizons and orthogonally transitive groups in space–time. *Journal of Mathematical Physics*, 10(1):70–81, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p70\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p70_s1).

**Nussenzweig:1969:HFSa**

- [1157] H. M. Nussenzweig. High-frequency scattering by a transparent sphere. I. Direct reflection and transmission. *Journal of Mathematical Physics*, 10(1):82–124, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p82\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p82_s1).

**Nussenzweig:1969:HFSb**

- [1158] H. M. Nussenzweig. High-frequency scattering by a transparent sphere. II. Theory of the Rainbow and the Glory. *Journal of Mathematical*

*Physics*, 10(1):125–176, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p125\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p125_s1).

**Majumdar:1969:PTS**

- [1159] Chanchal K. Majumdar. Problem of two spin deviations in a linear chain with next-nearest-neighbor interactions. *Journal of Mathematical Physics*, 10(1):177–180, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p177\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p177_s1).

**Zimring:1969:SAB**

- [1160] Shimshon Zimring. Some asymptotic behavior of Stieltjes transforms. *Journal of Mathematical Physics*, 10(1):181–183, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p181\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p181_s1).

**Broido:1969:BSE**

- [1161] Michael M. Broido and John G. Taylor. Bethe–Salpeter equation. *Journal of Mathematical Physics*, 10(1):184–209, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p184\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p184_s1).

**Kuzell:1969:KDI**

- [1162] A. Kuzell. Kinetic description of an inhomogeneous plasma. *Journal of Mathematical Physics*, 10(1):210–220, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p210\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p210_s1).

**Ciftan:1969:CSSa**

- [1163] Mikael Ciftan and L. C. Biedenharn. Combinatorial structure of state vectors in  $U_n$ . I. Hook patterns for maximal and semimaximal states in  $U_n$ . *Journal of Mathematical Physics*, 10(1):221–232, January 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i1/p221\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i1/p221_s1).

**Summerfield:1969:RAG**

- [1164] G. C. Summerfield and P. F. Zweifel. Relationships among generalized phase-space distributions. *Journal of Mathematical Physics*, 10(2):233–235, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p233\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p233_s1).

**Kleiner:1969:SGL**

- [1165] W. H. Kleiner and T. A. Kaplan. Symmetry of the ground level of a Hamiltonian. *Journal of Mathematical Physics*, 10(2):236–238, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p236\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p236_s1).

**Sirovich:1969:WPO**

- [1166] Lawrence Sirovich and James K. Thurber. Wave propagation and other spectral problems in kinetic theory. *Journal of Mathematical Physics*, 10(2):239–249, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p239\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p239_s1).

**Neuringer:1969:CFS**

- [1167] J. L. Neuringer. Closed-form solution of the differential equation  $(\partial^2/(\partial x \partial y) + ax\partial/\partial x + by\partial/\partial y + cxy + \partial/\partial t)P = 0$  subject to the initial condition  $P(x, y, t = 0) = \Phi(x, y)$ . *Journal of Mathematical Physics*, 10(2):250–251, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p250\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p250_s1).

**Delaney:1969:IRM**

- [1168] R. M. Delaney and B. Gruber. Inner and restriction multiplicity for classical groups. *Journal of Mathematical Physics*, 10(2):252–265, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p252\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p252_s1).

**Duderstadt:1969:TPP**

- [1169] James J. Duderstadt. Theory of the propagation of the plane-wave disturbances in a distribution of thermal neutrons. *Journal of Mathematical Physics*, 10(2):266–276, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p266\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p266_s1).

**Cisneros:1969:STD**

- [1170] Arturo Cisneros and Harold V. McIntosh. Symmetry of the two-dimensional hydrogen atom. *Journal of Mathematical Physics*, 10(2):277–286, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p277\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p277_s1).

**Kaper:1969:ESR**

- [1171] Hans G. Kaper. Elementary solutions of the reduced three-dimensional transport equation. *Journal of Mathematical Physics*, 10(2):286–297, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p286\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p286_s1).

**Bakri:1969:SSF**

- [1172] Mahmoud M. Bakri. de Sitter symmetric field theory. I. One-particle theory. *Journal of Mathematical Physics*, 10(2):298–320, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p298\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p298_s1).

**Mills:1969:IPS**

- [1173] Robert L. Mills and John F. Reading. Inversion problem with separable potentials. *Journal of Mathematical Physics*, 10(2):321–331, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p321\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p321_s1).

**Mirman:1969:CCR**

- [1174] R. Mirman. Classification and complete reducibility of representations of compact inhomogeneous groups and algebras. *Journal of Mathematical Physics*, 10(2):331–338, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p331\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p331_s1).

**Ehrhardt:1969:CUM**

- [1175] P. O. G. Ehrhardt and D. B. Fairlie. Crossing and unitarity in a multichannel static model. II. *Journal of Mathematical Physics*, 10(2):339–341, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p339\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p339_s1).

**Millman:1969:PTN**

- [1176] Martin H. Millman and Joseph B. Keller. Perturbation theory of nonlinear boundary-value problems. *Journal of Mathematical Physics*, 10(2):342–361, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p342\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p342_s1).

**Morton:1969:ECA**

- [1177] J. B. Morton and S. Corrsin. Experimental confirmation of the applicability of the Fokker–Planck equation to a nonlinear oscillator. *Journal of Mathematical Physics*, 10(2):361–368, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p361\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p361_s1).

**Goldberg:1969:GGT**

- [1178] Joshua N. Goldberg and Ezra T. Newman. Generalization of Green’s theorem. *Journal of Mathematical Physics*, 10(2):369–370, February 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i2/p369\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i2/p369_s1).

**Coster:1969:PRD**

- [1179] Joseph Coster and Henry P. Stapp. Physical-region discontinuity equations for many-particle scattering amplitudes. I. *Journal of Mathematical Physics*, 10(3):371–396, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p371\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p371_s1).

**Hauge:1969:NAD**

- [1180] E. H. Hauge and E. G. D. Cohen. Normal and abnormal diffusion in Ehrenfests’ wind-tree model. *Journal of Mathematical Physics*, 10(3):397–414, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p397\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p397_s1).

**Rosen:1969:FIT**

- [1181] Gerald Rosen, J. A. Okolowski, and Gene Eckstut. Functional integration theory for incompressible fluid turbulence. II. *Journal of Mathematical Physics*, 10(3):415–421, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p415\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p415_s1).

**Deliyannis:1969:STD**

- [1182] Platon C. Deliyannis and Evangelos K. Ifantis. Spectral theory of the difference equation  $f(n+1) + f(n-1) = [E - \phi(n)]f(n)$ . *Journal of Mathematical Physics*, 10(3):421–425, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p421\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p421_s1).

**Coffey:1969:IAO**

- [1183] Timothy P. Coffey, Jr. Invariants to all orders in classical perturbation theory. *Journal of Mathematical Physics*, 10(3):426–438, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p426\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p426_s1).

**Chen:1969:ISR**

- [1184] Robert L. W. Chen and Thomas H. Neighbors. Isoperimetric solutions related to the thermodynamics of plasmas. *Journal of Mathematical Physics*, 10(3):439–442, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p439\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p439_s1).

**Hammersley:1969:NFT**

- [1185] J. M. Hammersley, A. Feuerverger, A. Izenman, and K. Makani. Negative finding for the three-dimensional dimer problem. *Journal of Mathematical Physics*, 10(3):443–446, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p443\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p443_s1).

**Wait:1969:AMC**

- [1186] James R. Wait. Approach to the mode conversion problem in nonuniform acoustic waveguides. *Journal of Mathematical Physics*, 10(3):447–451, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p447\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p447_s1).

**Boillat:1969:RVE**

- [1187] Guy Boillat. Ray velocity and exceptional waves: A covariant formulation. *Journal of Mathematical Physics*, 10(3):452–454, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p452\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p452_s1).

**Moshinsky:1969:GAF**

- [1188] M. Moshinsky and V. Syamala Devi. General approach to fractional parentage coefficients. *Journal of Mathematical Physics*, 10(3):455–466, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p455\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p455_s1).

**Wybourne:1969:HRL**

- [1189] B. G. Wybourne. Hermite's reciprocity law and the angular-momentum states of equivalent particle configurations. *Journal of Mathematical Physics*, 10(3):467–471, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p467\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p467_s1).

**Robinson:1969:CBG**

- [1190] Peter D. Robinson. Complementary bounds for ground-state energies. *Journal of Mathematical Physics*, 10(3):472–474, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p472\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p472_s1).

**Baroody:1969:FSM**

- [1191] E. M. Baroody. Frequency spectrum and momentum autocorrelation function for a simple lattice. *Journal of Mathematical Physics*, 10(3):475–479, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p475\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p475_s1).

**Ting:1969:TSF**

- [1192] Chung-Yu Ting. Theoretical study of finite dielectric-coated cylindrical antenna. *Journal of Mathematical Physics*, 10(3):480–493, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p480\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p480_s1).

**Bloxham:1969:MSSa**

- [1193] M. J. W. Bloxham, D. I. Olive, and J. C. Polkinghorne.  $S$ -matrix singularity structure in the physical region. I. Properties of multiple integrals. *Journal of Mathematical Physics*, 10(3):494–502, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p494\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p494_s1).

**Spector:1969:HES**

- [1194] Richard M. Spector. High-energy scattering cross section for singular potentials at large angles. *Journal of Mathematical Physics*, 10(3):503–505, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p503\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p503_s1).

**Moyal:1969:MET**

- [1195] J. E. Moyal. Mean ergodic theorems in quantum mechanics. *Journal of Mathematical Physics*, 10(3):506–509, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p506\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p506_s1).

**Zimmerman:1969:BSN**

- [1196] Robert L. Zimmerman. Bound states of a new kind in quantum field theory. *Journal of Mathematical Physics*, 10(3):509–518, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p509\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p509_s1).

**Maduemezia:1969:PWA**

- [1197] Awele Maduemezia. Partial-wave analysis in terms of  $SL(2, C)/SU(2)$  harmonic functions. *Journal of Mathematical Physics*, 10(3):519–523, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p519\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p519_s1).

**Hahne:1969:ACA**

- [1198] G. E. Hahne. Analytic continuation of Appell's hypergeometric series  $F_2$  to the vicinity of the singular point  $x = 1, y = 1$ . *Journal of Mathematical Physics*, 10(3):524–531, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p524\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p524_s1).

**Holland:1969:FT**

- [1199] Douglas Francis Holland. Finite transformations of  $SU_3$ . *Journal of Mathematical Physics*, 10(3):531–535, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p531\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p531_s1).

**Su:1969:KVE**

- [1200] C. H. Su and C. S. Gardner. Korteweg–de Vries equation and generalizations. III. Derivation of the Korteweg–de Vries equation and Burgers equation. *Journal of Mathematical Physics*, 10(3):536–539, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p536\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p536_s1).



**vanderMerwe:1969:SOD**

- [1201] Johannes H. van der Merwe and Alwyn J. van der Merwe. Second-order dispersion-energy series for axially symmetric molecules. *Journal of Mathematical Physics*, 10(3):539–544, March 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i3/p539\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i3/p539_s1).

**Bloxham:1969:MSSb**

- [1202] M. J. W. Bloxham, D. I. Olive, and J. C. Polkinghorne.  $S$ -matrix singularity structure in the physical region. II. Unitarity integrals. *Journal of Mathematical Physics*, 10(4):545–552, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p545\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p545_s1).

**Bloxham:1969:MSSc**

- [1203] M. J. W. Bloxham, D. I. Olive, and J. C. Polkinghorne.  $S$ -matrix singularity structure in the physical region. III. General discussion of simple Landau singularities. *Journal of Mathematical Physics*, 10(4):553–561, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p553\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p553_s1).

**Calogero:1969:LBG**

- [1204] F. Calogero and C. Marchioro. Lower bounds to the ground-state energy of systems containing identical particles. *Journal of Mathematical Physics*, 10(4):562–569, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p562\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p562_s1). See comment [1436].

**Carmeli:1969:GTA**

- [1205] Moshe Carmeli. Group-theoretic approach to the new conserved quantities in general relativity. *Journal of Mathematical Physics*, 10(4):569–574, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p569\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p569_s1).

**Capri:1969:EGT**

- [1206] Anton Z. Capri. Electron in a given time-dependent electromagnetic field. *Journal of Mathematical Physics*, 10(4):575–580, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p575\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p575_s1).

**Pahor:1969:IIC**

- [1207] S. Pahor and P. F. Zweifel. Invariant imbedding and Case eigenfunctions. *Journal of Mathematical Physics*, 10(4):581–589, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p581\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p581_s1).

**Meetz:1969:RCS**

- [1208] Kurt Meetz. Realization of chiral symmetry in a curved isospin space. *Journal of Mathematical Physics*, 10(4):589–593, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p589\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p589_s1).

**Keam:1969:SBS**

- [1209] R. F. Keam. Solution of the Bethe–Salpeter equation with a square-well potential. *Journal of Mathematical Physics*, 10(4):594–603, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p594\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p594_s1).

**Howgate:1969:MEC**

- [1210] David W. Howgate. Method for the evaluation of certain time-dependent thermal averages. *Journal of Mathematical Physics*, 10(4):604–606, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p604\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p604_s1).

**Klink:1969:URP**

- [1211] William H. Klink. Unitary representations of the Poincaré Group contained in a class of representations of the conformal group. *Journal of Mathematical Physics*, 10(4):606–613, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p606\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p606_s1).

**Gomatam:1969:PF**

- [1212] Jagannathan Gomatam and F. Rohrlich. Powers of the  $D$  functions. *Journal of Mathematical Physics*, 10(4):614–616, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p614\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p614_s1).

**Katzin:1969:CCF**

- [1213] Gerald H. Katzin, Jack Levine, and William R. Davis. Curvature collineations: A fundamental symmetry property of the space-times of

general relativity defined by the vanishing Lie derivative of the Riemann curvature tensor. *Journal of Mathematical Physics*, 10(4):617–629, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p617\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p617_s1).

**Peres:1969:RFM**

- [1214] Asher Peres. Renormalization of a finite matrix Hamiltonian. *Journal of Mathematical Physics*, 10(4):629–632, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p629\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p629_s1).

**Tauber:1969:MVM**

- [1215] G. E. Tauber. Massive vector meson interacting with the gravitational field. I. General formalism. *Journal of Mathematical Physics*, 10(4):633–638, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p633\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p633_s1).

**Hoegh-Krohn:1969:AFS**

- [1216] Raphael Høegh-Krohn. Asymptotic fields in some models of quantum field theory. II. *Journal of Mathematical Physics*, 10(4):639–643, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p639\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p639_s1).

**Eyges:1969:GSM**

- [1217] Leonard Eyges. Ground-state many-boson problem with repulsive potentials. *Journal of Mathematical Physics*, 10(4):644–654, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p644\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p644_s1).

**Ross:1969:SAP**

- [1218] William R. Ross and John R. Taylor. Some analytic properties of scattering amplitudes for long-range forces. *Journal of Mathematical Physics*, 10(4):654–660, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p654\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p654_s1).

**Brittin:1969:FMS**

- [1219] W. E. Brittin and W. R. Chappell. Functional methods in statistical mechanics. I. Classical theory. *Journal of Mathematical Physics*, 10(4):

661–674, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p661\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p661_s1).

**Blomberg:1969:FIR**

- [1220] Clas Blomberg. Functional integrals representing distribution functions in statistical mechanics. *Journal of Mathematical Physics*, 10(4):675–682, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p675\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p675_s1).

**Ishidzu:1969:AMS**

- [1221] Takehiko Ishidzu, Hideo Kawarada, and Masachiyo Sato.  $SU_3$  algebra in the mixed-shell space  $(0p, 0d, 1s)$ . I. *Journal of Mathematical Physics*, 10(4):683–688, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p683\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p683_s1).

**Watson:1969:MSE**

- [1222] Kenneth M. Watson. Multiple scattering of electromagnetic waves in an underdense plasma. *Journal of Mathematical Physics*, 10(4):688–702, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p688\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p688_s1).

**Yoseloff:1969:CAR**

- [1223] Mark L. Yoseloff and Harold W. Kuhn. Combinatorial approach to the  $N$ -representability of  $P$ -density matrices. *Journal of Mathematical Physics*, 10(4):703–706, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p703\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p703_s1).

**Kahn:1969:LDF**

- [1224] Peter B. Kahn and N. Rosenzweig. Level density of a Fermi system: Nonperiodic perturbations of the energy-level scheme. *Journal of Mathematical Physics*, 10(4):707–715, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p707\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p707_s1).

**Northover:1969:SCV**

- [1225] F. H. Northover. Sufficiency condition for the validity of the WKB approximation. *Journal of Mathematical Physics*, 10(4):715–724, April

1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p715\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p715_s1).

**Davidson:1969:LID**

- [1226] Ernest R. Davidson. Linear inequalities for density matrices. *Journal of Mathematical Physics*, 10(4):725–734, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p725\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p725_s1).

**Stabell:1969:FOA**

- [1227] R. Stabell. First-order approximation to a spherically symmetric solution of Einstein's equations. *Journal of Mathematical Physics*, 10(4):735–739, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p735\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p735_s1).

**Harter:1969:ATR**

- [1228] William G. Harter. Algebraic theory of ray representations of finite groups. *Journal of Mathematical Physics*, 10(4):739–752, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p739\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p739_s1).

**Montroll:1969:RWL**

- [1229] Elliott W. Montroll. Random walks on lattices. III. Calculation of first-passage times with application to exciton trapping on photosynthetic units. *Journal of Mathematical Physics*, 10(4):753–765, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p753\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p753_s1).

**Thompson:1969:ACF**

- [1230] James Thompson and Glen Schrank. Algebraic classification of four-dimensional Riemann spaces. *Journal of Mathematical Physics*, 10(4):766–770, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p766\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p766_s1).

**Smith:1969:PES**

- [1231] Vedene H. Smith, Jr. and Frank E. Harris. Projection of exact spin eigenfunctions. *Journal of Mathematical Physics*, 10(4):771–778, April

1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p771\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p771_s1).

**Lee:1969:ICM**

- [1232] Huan Lee. On the isospin crossing matrix. *Journal of Mathematical Physics*, 10(4):779–787, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p779\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p779_s1).

**Carter:1969:PSS**

- [1233] Benjamin P. Carter. Partial separation of the Schrödinger equation for two charged particles in a magnetic field. *Journal of Mathematical Physics*, 10(4):788–791, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p788\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p788_s1).

**Rühl:1969:CFS**

- [1234] W. Rühl. Classical fields on spacelike mass shells. *Journal of Mathematical Physics*, 10(4):791–798, April 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i4/p791\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i4/p791_s1).

**Cohn:1969:CCS**

- [1235] Jack Cohn. Considerations on the classical spinning electron. *Journal of Mathematical Physics*, 10(5):799–805, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p799\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p799_s1).

**Levy-Leblond:1969:NGF**

- [1236] Jean-Marc Lévy-Leblond. Nonsaturation of gravitational forces. *Journal of Mathematical Physics*, 10(5):806–812, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p806\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p806_s1).

**Bose:1969:ZMR**

- [1237] S. K. Bose and R. Parker. Zero-mass representation of Poincaré group and conformal invariance. *Journal of Mathematical Physics*, 10(5):812–813, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p812\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p812_s1).

**Baker:1969:BEB**

- [1238] George A. Baker, Jr. Best error bounds for Padé approximants to convergent series of Stieltjes. *Journal of Mathematical Physics*, 10(5):814–820, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p814\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p814_s1).

**Navon:1969:CSD**

- [1239] A. Navon. Criteria for Slater determinants and quasiparticle vacuum states. *Journal of Mathematical Physics*, 10(5):821–826, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p821\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p821_s1).

**Chandler:1969:MCC**

- [1240] Colston Chandler and Henry P. Stapp. Macroscopic causality conditions and properties of scattering amplitudes. *Journal of Mathematical Physics*, 10(5):826–859, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p826\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p826_s1).

**Dunne:1969:AKT**

- [1241] S. A. Dunne. Application of the Kirillov theory to the representations of  $O(2, 1)$ . *Journal of Mathematical Physics*, 10(5):860–868, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p860\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p860_s1).

**Fan:1969:SDP**

- [1242] Chungpeng Fan. Solution of the dimer problem by the  $S$ -matrix method. *Journal of Mathematical Physics*, 10(5):868–871, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p868\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p868_s1).

**Gamba:1969:LLA**

- [1243] A. Gamba. Lie-like approach to the theory of representations of finite groups. *Journal of Mathematical Physics*, 10(5):872–874, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p872\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p872_s1).

**Gibbs:1969:ASN**

- [1244] Alan G. Gibbs. Analytical solutions of the Neutron transport equation in arbitrary convex geometry. *Journal of Mathematical Physics*, 10(5): 875–890, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p875\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p875_s1).

**Casey:1969:WPS**

- [1245] K. F. Casey, J. R. Matthes, and C. Yeh. Wave propagation in sinusoidally stratified plasma media. *Journal of Mathematical Physics*, 10(5): 891–897, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p891\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p891_s1).

**Mukunda:1969:ELG**

- [1246] N. Mukunda. Expansion of Lie groups and representations of  $SL(3, C)$ . *Journal of Mathematical Physics*, 10(5):897–911, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p897\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p897_s1).

**Molyneux:1969:SPP**

- [1247] John E. Molyneux. Statistical properties of polycrystalline dielectrics. *Journal of Mathematical Physics*, 10(5):912–917, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p912\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p912_s1).

**Lukierski:1969:ART**

- [1248] Jerzy Lukierski. Analytic representations of two-point functions with noncanonical light-cone singularities. I. *Journal of Mathematical Physics*, 10(5):918–924, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p918\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p918_s1).

**Moravcsik:1969:DIA**

- [1249] Michael J. Moravcsik and Wing-Yin Yu. Determination of invariant amplitudes from experimental observables. *Journal of Mathematical Physics*, 10(5):925–928, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p925\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p925_s1).

**Cawley:1969:HDT**

- [1250] Robert G. Cawley. Hamilton–Dirac theory of Hamilton’s equations. *Journal of Mathematical Physics*, 10(5):928–932, May 1969. CODEN JMA-



PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p928\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p928_s1).

**Prugovecki:1969:MTD**

- [1251] Eduard Prugovecki. Measure-theoretical description of Klein–Gordon multiparticle states. *Journal of Mathematical Physics*, 10(5):933–945, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p933\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p933_s1).

**Johnson:1969:OBP**

- [1252] Porter W. Johnson. Orear behavior in potential scattering. II. *Journal of Mathematical Physics*, 10(5):946–953, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p946\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p946_s1).

**Hoffman:1969:SNS**

- [1253] Richard B. Hoffman. Stationary “noncanonical” solutions of the Einstein vacuum field equations. *Journal of Mathematical Physics*, 10(5):953–956, May 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i5/p953\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i5/p953_s1).

**Delbourgo:1969:DRF**

- [1254] R. Delbourgo, K. Koller, and Ruth M. Williams. Degenerate representation functions for  $SO(\nu)$ ,  $SU(\nu)$ , and  $SU(\nu) \otimes SU(\nu)$  and their analytical reductions. *Journal of Mathematical Physics*, 10(6):957–963, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p957\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p957_s1).

**Resibois:1969:CKE**

- [1255] P. Résibois, J. Brocas, and G. Decan. Comments on kinetic equation for autocorrelation functions. *Journal of Mathematical Physics*, 10(6):964–974, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p964\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p964_s1).

**Chow:1969:GKC**

- [1256] Yutze Chow. Gel’fand–Kirillov conjecture on the Lie field of an algebraic Lie algebra. *Journal of Mathematical Physics*, 10(6):975–992, June

1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p975\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p975_s1).

**Girardeau:1969:BSG**

- [1257] M. D. Girardeau. Broken symmetry and generalized Bose condensation in restricted geometries. *Journal of Mathematical Physics*, 10(6):993–998, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p993\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p993_s1).

**Coffey:1969:NP**

- [1258] Timothy P. Coffey and G. W. Ford. Nonlinear perturbations. *Journal of Mathematical Physics*, 10(6):998–1003, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p998\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p998_s1).

**Gutzwiller:1969:PIA**

- [1259] Martin C. Gutzwiller. Phase-integral approximation in momentum space and the bound states of an atom. II. *Journal of Mathematical Physics*, 10(6):1004–1020, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1004\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1004_s1).

**Felderhof:1969:DNE**

- [1260] B. U. Felderhof. Dynamics near equilibrium of systems described in thermal Hartree–Fock approximation. *Journal of Mathematical Physics*, 10(6):1021–1025, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1021\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1021_s1).

**Gibberd:1969:NNN**

- [1261] R. W. Gibberd. Next-nearest-neighbor Ising model. *Journal of Mathematical Physics*, 10(6):1026–1029, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1026\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1026_s1).

**Peters:1969:GBD**

- [1262] P. C. Peters. Geometrization of the Brans–Dicke scalar field. *Journal of Mathematical Physics*, 10(6):1029–1031, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1029\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1029_s1).

**Shibuya:1969:EDM**

- [1263] Tai ichi Shibuya and Oktay Sinanoglu. Expansion of the density matrix of an  $N$ -fermion system in terms of the correlation densities of fermion clusters. *Journal of Mathematical Physics*, 10(6):1032–1037, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1032\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1032_s1).

**Roth:1969:AMC**

- [1264] C. Roth. Algebraic matrices for the configurations  $(d + s)^n p$ . *Journal of Mathematical Physics*, 10(6):1038–1044, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1038\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1038_s1).

**Garrido:1969:GIP**

- [1265] L. M. Garrido. General interaction picture from action principle for mechanics. *Journal of Mathematical Physics*, 10(6):1045–1056, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1045\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1045_s1).

**Lanczos:1969:QAP**

- [1266] C. Lanczos. Quadratic action principle of relativity. *Journal of Mathematical Physics*, 10(6):1057–1065, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1057\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1057_s1).

**Wong:1969:ROG**

- [1267] M. K. F. Wong. Representations of the orthogonal group. II. Polynomial bases for the irreducible representations of the orthogonal group. *Journal of Mathematical Physics*, 10(6):1065–1068, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1065\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1065_s1).

**Green:1969:CDP**

- [1268] H. S. Green and T. Triffet. Co-diagonal perturbations. *Journal of Mathematical Physics*, 10(6):1069–1089, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1069\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1069_s1).

**Davies:1969:LDS**

- [1269] John A. Davies and Peter D. Yedinak. Lattice dynamics of simple cubic lattices with long-range interactions. *Journal of Mathematical*

*Physics*, 10(6):1090–1097, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1090\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1090_s1).

**Zachary:1969:SCS**

- [1270] W. W. Zachary. Sufficient conditions for stability of the Faddeev equations. *Journal of Mathematical Physics*, 10(6):1098–1105, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1098\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1098_s1).

**Glasser:1969:EKI**

- [1271] M. L. Glasser. Evaluation of “kondo” integrals. *Journal of Mathematical Physics*, 10(6):1105–1106, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1105\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1105_s1).

**Mattis:1969:MIM**

- [1272] Daniel C. Mattis and Michael Plischke. Magnetization of Ising model in nonzero magnetic field. *Journal of Mathematical Physics*, 10(6):1107–1108, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1107\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1107_s1).

**Itzykson:1969:GRC**

- [1273] C. Itzykson. Group representation in a continuous basis: An example. *Journal of Mathematical Physics*, 10(6):1109–1114, June 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1109\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i6/p1109_s1).

**Yang:1969:TOD**

- [1274] C. N. Yang and C. P. Yang. Thermodynamics of a one-dimensional system of bosons with repulsive delta-function interaction. *Journal of Mathematical Physics*, 10(7):1115–1122, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1115\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1115_s1).

**Simon:1969:GNB**

- [1275] Barry Simon. On the growth of the number of bound states with increase in potential strength. *Journal of Mathematical Physics*, 10(7):1123–1126, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1123\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1123_s1).

**Rosenbaum:1969:SHS**

- [1276] David M. Rosenbaum. Super Hilbert space and the quantum-mechanical time operators. *Journal of Mathematical Physics*, 10(7):1127–1144, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1127\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1127_s1).

**Vajk:1969:ERW**

- [1277] J. Peter Vajk. Exact Robertson–Walker cosmological solutions containing relativistic fluids. *Journal of Mathematical Physics*, 10(7):1145–1151, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1145\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1145_s1).

**Kulhanek:1969:EBW**

- [1278] J. Kulhanek. Equations of the de Broglie wavefield in the case of spherical symmetry. *Journal of Mathematical Physics*, 10(7):1152–1156, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1152\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1152_s1).

**Besieris:1969:AER**

- [1279] Ioannis M. Besieris. Analysis of electromagnetic radiation in the presence of a uniformly moving, uniaxially anisotropic medium. *Journal of Mathematical Physics*, 10(7):1156–1167, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1156\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1156_s1).

**Brandt:1969:GBO**

- [1280] Richard A. Brandt and O. W. Greenberg. Generalized Bose operators in the Fock space of a single Bose operator. *Journal of Mathematical Physics*, 10(7):1168–1176, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1168\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1168_s1).

**Shampine:1969:ESC**

- [1281] L. F. Shampine. Existence of solutions for certain nonlinear boundary-value problems. *Journal of Mathematical Physics*, 10(7):1177–1178, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1177\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1177_s1).

**Harrison:1969:ACC**

- [1282] Don E. Harrison, Jr., Warren L. Gay, and H. M. Effron. Algorithm for the calculation of the classical equations of motion of an  $N$ -body system. *Journal of Mathematical Physics*, 10(7):1179–1184, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1179\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1179_s1).

**Hajj:1969:WEM**

- [1283] Jack P. Hajj and David L. Weaver. Wave equations, multipole solutions, and characteristic hypersurfaces for massless particles. *Journal of Mathematical Physics*, 10(7):1185–1190, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1185\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1185_s1).

**McDonald:1969:WDC**

- [1284] J. F. McDonald. On the width distribution for a complex system whose Hamiltonian contains a small interaction that is odd under time-reversal. *Journal of Mathematical Physics*, 10(7):1191–1194, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1191\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1191_s1).

**Kinnersley:1969:TVM**

- [1285] William Kinnersley. Type  $D$  vacuum metrics. *Journal of Mathematical Physics*, 10(7):1195–1203, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1195\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1195_s1).

**Carter:1969:CGC**

- [1286] J. C. Carter and J. J. Coyne.  $SU(6)$  Clebsch–Gordan coefficients for the product  $35 \otimes 70$ . *Journal of Mathematical Physics*, 10(7):1204–1210, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1204\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1204_s1).

**Baxter:1969:MTL**

- [1287] R. J. Baxter.  $F$  model on a triangular lattice. *Journal of Mathematical Physics*, 10(7):1211–1216, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1211\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1211_s1).

**Peters:1969:CEP**

- [1288] P. C. Peters. Covariant electromagnetic potentials and fields in Friedmann universes. *Journal of Mathematical Physics*, 10(7):1216–1224, July

1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1216\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1216_s1).

**Kim:1969:IMB**

- [1289] Shoon Kyung Kim. Involutorial matrices based on the representation theory of  $GL(2)$ . *Journal of Mathematical Physics*, 10(7):1225–1234, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1225\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1225_s1).

**McDonald:1969:HHS**

- [1290] S. C. McDonald. Hyperplane helicity states. *Journal of Mathematical Physics*, 10(7):1234–1240, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1234\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1234_s1).

**Iagolnitzer:1969:MCD**

- [1291] Daniel Iagolnitzer.  $S$ -matrix and classical description of interactions. *Journal of Mathematical Physics*, 10(7):1241–1264, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1241\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1241_s1).

**Gervais:1969:PWE**

- [1292] J. L. Gervais and G. Velo. Partial-wave expansion in the crossed channel for scattering amplitudes invariant under the Galilei group. *Journal of Mathematical Physics*, 10(7):1265–1270, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1265\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1265_s1).

**Dalton:1969:CPB**

- [1293] N. W. Dalton and D. W. Wood. Critical point behavior of the Ising model with higher-neighbor interactions present. *Journal of Mathematical Physics*, 10(7):1271–1302, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1271\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1271_s1).

**Girardeau:1969:PSP**

- [1294] M. D. Girardeau. Proof of the symmetrization postulate. *Journal of Mathematical Physics*, 10(7):1302–1304, July 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1302\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i7/p1302_s1).

**Arunasalam:1969:TDT**

- [1295] V. Arunasalam. Transverse dielectric tensor for a free-electron gas in a uniform magnetic field. *Journal of Mathematical Physics*, 10(8):1305–1313, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1305\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1305_s1).

**Coon:1969:SCI**

- [1296] Darryl D. Coon. Singularities of conformal-invariant scattering amplitudes. *Journal of Mathematical Physics*, 10(8):1314–1318, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1314\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1314_s1).

**Cushing:1969:ESM**

- [1297] James T. Cushing. Exact static-model bootstrap solutions for arbitrary  $2 \times 2$  crossing matrices. *Journal of Mathematical Physics*, 10(8):1319–1326, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1319\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1319_s1).

**Jernow:1969:AFL**

- [1298] Stanley Jernow and Emil Kazes. Asymptotic fields of the Lee model. *Journal of Mathematical Physics*, 10(8):1326–1339, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1326\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1326_s1).

**Kraut:1969:DEW**

- [1299] Edgar A. Kraut and Guy W. Lehman. Diffraction of electromagnetic waves by a right-angle dielectric wedge. *Journal of Mathematical Physics*, 10(8):1340–1348, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1340\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1340_s1).

**Kennedy:1969:IAD**

- [1300] Frederick James Kennedy. Instantaneous action-at-a-distance formulation of classical electrodynamics. *Journal of Mathematical Physics*, 10(8):1349–1362, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1349\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1349_s1).



**Coffey:1969:MCP**

- [1301] Timothy P. Coffey. Motion of a charged particle in a spatially periodic magnetic field. *Journal of Mathematical Physics*, 10(8):1362–1368, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1362\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1362_s1).

**Taniuti:1969:PMN**

- [1302] Tosiya Taniuti and Nobuo Yajima. Perturbation method for a nonlinear wave modulation. I. *Journal of Mathematical Physics*, 10(8):1369–1372, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1369\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1369_s1).

**Kac:1969:CBS**

- [1303] Mark Kac and Colin J. Thompson. Critical behavior of several lattice models with long-range interaction. *Journal of Mathematical Physics*, 10(8):1373–1386, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1373\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1373_s1).

**Korenman:1969:PER**

- [1304] Victor Korenman. On perturbation expansions for real-time Green's functions. *Journal of Mathematical Physics*, 10(8):1387–1388, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1387\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1387_s1).

**Majumdar:1969:NNNa**

- [1305] Chanchal K. Majumdar and Dipan K. Ghosh. On next-nearest-neighbor interaction in linear chain. I. *Journal of Mathematical Physics*, 10(8):1388–1398, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1388\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1388_s1).

**Majumdar:1969:NNNb**

- [1306] Chanchal K. Majumdar and Dipan K. Ghosh. On next-nearest-neighbor interaction in linear chain. II. *Journal of Mathematical Physics*, 10(8):1399–1402, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1399\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1399_s1).

**Lieb:1969:PTZ**

- [1307] Elliott H. Lieb and Colin J. Thompson. Phase transition in zero dimensions: A remark on the spherical model. *Journal of Mathematical Physics*, 10(8):1403–1406, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1403\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1403_s1).

**Miller:1969:DDC**

- [1308] Marvin M. Miller. Dynamics in the diagonal coherent-state representation. *Journal of Mathematical Physics*, 10(8):1406–1411, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1406\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1406_s1).

**Roth:1969:PSA**

- [1309] J. Reece Roth. Periodic small-amplitude solutions to Volterra's problem of two conflicting populations and their application to the plasma continuity equations. *Journal of Mathematical Physics*, 10(8):1412–1414, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1412\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1412_s1).

**Simon:1969:GGS**

- [1310] Barry Simon. On the growth of the ground-state binding energy with increase in potential strength. *Journal of Mathematical Physics*, 10(8):1415–1421, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1415\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1415_s1).

**Peak:1969:SFH**

- [1311] D. Peak and A. Inomata. Summation over Feynman histories in polar coordinates. *Journal of Mathematical Physics*, 10(8):1422–1428, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1422\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1422_s1).

**Sollfrey:1969:IFP**

- [1312] William Sollfrey. Inverse functions of the products of two Bessel functions. *Journal of Mathematical Physics*, 10(8):1429–1430, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1429\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1429_s1).

**Morrison:1969:GTM**

- [1313] J. C. Morrison. Group theory and mixed atomic configurations. *Journal of Mathematical Physics*, 10(8):1431–1437, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1431\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1431_s1).

**Wong:1969:CC**

- [1314] Jack Wong. On a condition for completeness. *Journal of Mathematical Physics*, 10(8):1438–1440, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1438\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1438_s1).

**Fink:1969:PSV**

- [1315] James P. Fink. Partial sums of vacuum polarization graphs. *Journal of Mathematical Physics*, 10(8):1440–1441, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1440\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1440_s1).

**Jallicee:1969:FPS**

- [1316] John B. Jalickee, Arnold J. F. Siegert, and David J. Vezzetti. On fluids of particles with short-range repulsion and weak long-range attractive interaction. *Journal of Mathematical Physics*, 10(8):1442–1454, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1442\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1442_s1).

**Krieger:1969:EQC**

- [1317] J. B. Krieger. Exact quantization conditions. II. *Journal of Mathematical Physics*, 10(8):1455–1458, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1455\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1455_s1).

**Lewis:1969:EQT**

- [1318] H. R. Lewis, Jr. and W. B. Riesenfeld. An exact quantum theory of the time-dependent harmonic oscillator and of a charged particle in a time-dependent electromagnetic field. *Journal of Mathematical Physics*, 10(8):1458–1473, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1458\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1458_s1).

**Barakat:1969:TPM**

- [1319] Richard Barakat and Elizabeth Baumann.  $M$ th power of an  $N \times N$  matrix and its connection with the generalized Lucas polynomials. *Journal*

*of Mathematical Physics*, 10(8):1474–1476, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1474\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1474_s1).

**Klink:1969:CGC**

- [1320] William H. Klink. Clebsch–Gordan coefficients and functions over cosets. *Journal of Mathematical Physics*, 10(8):1477–1490, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1477\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1477_s1).

**Kim:1969:SFE**

- [1321] Y. E. Kim. Solution of the Faddeev equation for local potentials by approximate product-integration. *Journal of Mathematical Physics*, 10(8):1491–1494, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1491\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1491_s1).

**Baus:1969:PIC**

- [1322] M. Baus. Possible instability of the cut-contributions to the ring equations. *Journal of Mathematical Physics*, 10(8):1494–1497, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1494\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1494_s1).

**Anderson:1969:BAI**

- [1323] N. Anderson, A. M. Arthurs, and P. D. Robinson. Bounds associated with integral equations of Kirkwood–Riseman type. *Journal of Mathematical Physics*, 10(8):1498–1500, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1498\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1498_s1).

**Bel:1969:SS**

- [1324] Luis Bel. Schwarzschild singularity. *Journal of Mathematical Physics*, 10(8):1501–1503, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1501\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1501_s1).

**Belasco:1969:ICG**

- [1325] Elliot P. Belasco and Hans C. Ohanian. Initial conditions in general relativity: Lapse and shift formulation. *Journal of Mathematical Physics*, 10(8):1503–1507, August 1969. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1503\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1503_s1).

**Kobe:1969:SPC**

- [1326] Donald H. Kobe. Single-particle condensate and pair-correlation theory of inhomogeneous boson systems. *Journal of Mathematical Physics*, 10(8):1507–1517, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1507\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1507_s1).

**Berzi:1969:RPL**

- [1327] Vittorio Berzi and Vittorio Gorini. Reciprocity principle and the Lorentz transformations. *Journal of Mathematical Physics*, 10(8):1518–1524, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1518\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1518_s1).

**Otterson:1969:ETP**

- [1328] Paul Otterson. Equal-time pseudolimits of current commutators and Schwinger terms. *Journal of Mathematical Physics*, 10(8):1525–1530, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1525\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1525_s1).

**Mills:1969:GTI**

- [1329] R. G. J. Mills and C. A. Hurst. Generalized triangular Ising lattice. *Journal of Mathematical Physics*, 10(8):1531–1540, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1531\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1531_s1).

**Strecker:1969:ODP**

- [1330] Joseph L. Strecker. One-dimensional phase transition. *Journal of Mathematical Physics*, 10(8):1541–1554, August 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1541\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i8/p1541_s1).

**Hayes:1969:QGH**

- [1331] C. F. Hayes. Quantization of the generalized Hamiltonian. *Journal of Mathematical Physics*, 10(9):1555–1558, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1555\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1555_s1).

**Griffiths:1969:RRI**

- [1332] Robert B. Griffiths. Rigorous results for Ising ferromagnets of arbitrary spin. *Journal of Mathematical Physics*, 10(9):1559–1565, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1559\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1559_s1).

**Exton:1969:CQE**

- [1333] Albert R. Exton, Ezra T. Newman, and Roger Penrose. Conserved quantities in the Einstein–Maxwell theory. *Journal of Mathematical Physics*, 10(9):1566–1570, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1566\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1566_s1).

**Hecht:1969:WSS**

- [1334] K. T. Hecht and Sing Chin Pang. On the Wigner supermultiplet scheme. *Journal of Mathematical Physics*, 10(9):1571–1616, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1571\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1571_s1).

**Amit:1969:RSF**

- [1335] Daniel J. Amit. On the renormalization of the susceptibility of a Fermi liquid. *Journal of Mathematical Physics*, 10(9):1617–1620, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1617\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1617_s1).

**delaPena-Auerbach:1969:NFS**

- [1336] L. de la Peña-Auerbach. New formulation of stochastic theory and quantum mechanics. *Journal of Mathematical Physics*, 10(9):1620–1630, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1620\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1620_s1).

**Whitten:1969:PTB**

- [1337] R. C. Whitten. Potentials for three-body systems. *Journal of Mathematical Physics*, 10(9):1631–1634, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1631\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1631_s1).

**Ciftan:1969:CSSb**

- [1338] Mikael Ciftan. On the combinatorial structure of state vectors in  $U(n)$ . II. The generalization of hypergeometric functions on  $U(n)$  states. *Journal of Mathematical Physics*, 10(9):1635–1646, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1635\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1635_s1).

**Baker:1969:CPS**

- [1339] George A. Baker, Jr. and Joseph Kahane. Critical-point singularities of the perturbation series for the ground state of a many-Fermion system. *Journal of Mathematical Physics*, 10(9):1647–1660, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1647\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1647_s1).

**Klauder:1969:PQC**

- [1340] John R. Klauder and L. Streit. Properties of “quadratic” canonical commutation relation representations. *Journal of Mathematical Physics*, 10(9):1661–1669, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1661\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1661_s1).

**Cook:1969:LPC**

- [1341] F. L. Cook and J. W. Jayne. Linear physical chains with Sturm–Liouville characteristic polynomials. *Journal of Mathematical Physics*, 10(9):1670–1680, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1670\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1670_s1).

**Hegerfeldt:1969:KIF**

- [1342] Gerhard C. Hegerfeldt. Kernel integral formulas for the canonical commutation relations of quantum fields. I. Representations with cyclic field. *Journal of Mathematical Physics*, 10(9):1681–1698, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1681\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1681_s1).

**Carmeli:1969:GAM**

- [1343] Moshe Carmeli. Group analysis of Maxwell’s equations. *Journal of Mathematical Physics*, 10(9):1699–1703, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1699\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1699_s1).

**Santhanam:1969:GFC**

- [1344] T. S. Santhanam. Generating functions of classical groups and evaluation of partition functions. *Journal of Mathematical Physics*, 10(9):1704–1710, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1704\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1704_s1).

**Holman:1969:RT**

- [1345] Wayne J. Holman. Representation theory of  $SP(4)$  and  $SO(5)$ . *Journal of Mathematical Physics*, 10(9):1710–1717, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1710\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1710_s1).

**Pellicer:1969:NEG**

- [1346] R. Pellicer and R. J. Torrence. Nonlinear electrodynamics and general relativity. *Journal of Mathematical Physics*, 10(9):1718–1723, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1718\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1718_s1).

**Ryan:1969:GFE**

- [1347] Michael P. Ryan, Jr. General form of the Einstein equations for a Bianchi type IX universe. *Journal of Mathematical Physics*, 10(9):1724–1728, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1724\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1724_s1).

**Boyer:1969:CZS**

- [1348] Timothy H. Boyer. Concerning the zeros of some functions related to Bessel functions. *Journal of Mathematical Physics*, 10(9):1729–1744, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1729\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1729_s1).

**Robinson:1969:CQN**

- [1349] David C. Robinson. Conserved quantities of Newman and Penrose. *Journal of Mathematical Physics*, 10(9):1745–1753, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1745\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1745_s1).

**Bell:1969:ODB**

- [1350] G. M. Bell. One-dimensional bonded fluids. *Journal of Mathematical Physics*, 10(9):1753–1760, September 1969. CODEN JMAPAQ. ISSN



0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1753\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1753_s1).

**Rosina:1969:RDM**

- [1351] Mitja Rosina, Jerome K. Percus, Louis J. Kijewski, and Claude Garrod. Reduced density matrices of energy eigenstates. *Journal of Mathematical Physics*, 10(9):1761–1763, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1761\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1761_s1).

**Ramanathan:1969:MDK**

- [1352] G. V. Ramanathan and G. Sandri. Model for the derivation of kinetic theory. *Journal of Mathematical Physics*, 10(9):1763–1773, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1763\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1763_s1).

**Rowe:1969:PON**

- [1353] D. J. Rowe. Properties of overcomplete and nonorthogonal basis vectors. *Journal of Mathematical Physics*, 10(9):1774–1777, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1774\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1774_s1). See erratum [1433].

**Pajas:1969:DRS**

- [1354] P. Pajas. Degenerate representations of the symplectic groups. II. The noncompact group  $Sp(p, q)$ . *Journal of Mathematical Physics*, 10(9):1777–1788, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1777\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1777_s1).

**Gabriel:1969:NMRa**

- [1355] John R. Gabriel. New methods for reduction of group representations. III. *Journal of Mathematical Physics*, 10(9):1789–1795, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1789\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1789_s1).

**Harper:1969:DPA**

- [1356] Edward Y. Harper. Diffraction of plane acoustic waves and pulses as a singular perturbation problem. *Journal of Mathematical Physics*, 10(9):1795–1803, September 1969. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1795\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1795_s1).

**Revzen:1969:SCA**

- [1357] M. Revzen and L. E. H. Trainor. Self-consistent approximations in many-body systems. *Journal of Mathematical Physics*, 10(9):1804–1808, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1804\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1804_s1).

**Bassetto:1969:WHM**

- [1358] A. Bassetto and F. Paccanoni. Wiener–Hopf method and generalized integral transforms. *Journal of Mathematical Physics*, 10(9):1809–1812, September 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1809\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i9/p1809_s1).

**Lee:1969:CEB**

- [1359] M. Howard Lee. Cluster expansion in a Bose system. *Journal of Mathematical Physics*, 10(10):1813–1818, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1813\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1813_s1).

**Prosser:1969:FSI**

- [1360] Reese T. Prosser. Formal solutions of inverse scattering problems. *Journal of Mathematical Physics*, 10(10):1819–1822, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1819\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1819_s1).

**Charap:1969:TVE**

- [1361] John M. Charap and B. M. Minton. Two-variable expansion of the scattering amplitude: An application of Appell’s generalized hypergeometric functions. *Journal of Mathematical Physics*, 10(10):1823–1833, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1823\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1823_s1).

**Tokizawa:1969:CEN**

- [1362] Masamichi Tokizawa. On continuous eigenvalues in neutron thermalization. *Journal of Mathematical Physics*, 10(10):1834–1841, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1834\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1834_s1).

**Debney:1969:SEE**

- [1363] G. C. Debney, R. P. Kerr, and A. Schild. Solutions of the Einstein and Einstein–Maxwell equations. *Journal of Mathematical Physics*, 10(10):1842–1854, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1842\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1842_s1).

**Garrod:1969:PHM**

- [1364] Claude Garrod and Mitja Rosina. Particle-hole matrix: Its connection with the symmetries and collective features of the ground state. *Journal of Mathematical Physics*, 10(10):1855–1861, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1855\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1855_s1).

**Canosa:1969:DNM**

- [1365] José Canosa. Diffusion in nonlinear multiplicative media. *Journal of Mathematical Physics*, 10(10):1862–1868, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1862\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1862_s1).

**deAzcarra:1969:OMR**

- [1366] J. A. de Azcárraga and L. Oliver. Observables for massive relativistic particles of arbitrary spin. *Journal of Mathematical Physics*, 10(10):1869–1874, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1869\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1869_s1).

**Common:1969:PGP**

- [1367] A. K. Common. Properties of Generalizations to Padé approximants. *Journal of Mathematical Physics*, 10(10):1875–1880, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1875\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1875_s1).

**Percus:1969:OMT**

- [1368] Jerome K. Percus. One more technique for the dimer problem. *Journal of Mathematical Physics*, 10(10):1881–1884, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1881\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1881_s1).

**Uzes:1969:PSG**

- [1369] C. A. Uzes. Plane-symmetric gauge field. *Journal of Mathematical Physics*, 10(10):1885–1888, October 1969. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1885\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1885_s1).

**Holman:1969:RTE**

- [1370] Wayne J. Holman III. Representation theory of  $SO(4, 1)$  and  $E(3, 1)$ : an explicit spinor calculus. *Journal of Mathematical Physics*, 10(10):1888–1897, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1888\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1888_s1).

**Humi:1969:RLAa**

- [1371] Mayer Humi. Remarks on Lie-algebra-invariant equations. I. *Journal of Mathematical Physics*, 10(10):1897–1899, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1897\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1897_s1).

**Humi:1969:RLAb**

- [1372] Mayer Humi. Remarks on Lie-algebra-invariant equations. II. *Journal of Mathematical Physics*, 10(10):1900–1902, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1900\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1900_s1).

**Holland:1969:FTB**

- [1373] Douglas Francis Holland. Finite transformations and basis states of  $SU(n)$ . *Journal of Mathematical Physics*, 10(10):1903–1905, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1903\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1903_s1).

**Bailey:1969:DSS**

- [1374] Paul B. Bailey and George E. Barr. Diffraction by a slit or strip. *Journal of Mathematical Physics*, 10(10):1906–1913, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1906\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1906_s1).

**Girardeau:1969:SMC**

- [1375] M. D. Girardeau. Soluble model of condensation. *Journal of Mathematical Physics*, 10(10):1914–1920, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1914\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1914_s1).

**Kiang:1969:RTR**

- [1376] Hsiao S. Kiang.  $N$ -representability theorem for reduced density matrices. *Journal of Mathematical Physics*, 10(10):1920–1921, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1920\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1920_s1).

**Solimeno:1969:QHO**

- [1377] S. Solimeno, P. Di Porto, and B. Crosignani. Quantum harmonic oscillator with time-dependent frequency. *Journal of Mathematical Physics*, 10(10):1922–1928, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1922\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1922_s1).

**Katz:1969:ADC**

- [1378] Amnon Katz. Alternative dynamics for classical relativistic particles. *Journal of Mathematical Physics*, 10(10):1929–1931, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1929\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1929_s1).

**Gabriel:1969:NMRb**

- [1379] J. R. Gabriel. New methods for reduction of group representations. IV. *Journal of Mathematical Physics*, 10(10):1932–1934, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1932\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1932_s1).

**Abhyankar:1969:RBE**

- [1380] K. D. Abhyankar and A. L. Fymat. Relations between the elements of the phase matrix for scattering. *Journal of Mathematical Physics*, 10(10):1935–1938, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1935\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1935_s1).

**Bali:1969:CIS**

- [1381] Naren F. Bali, Darryl D. Coon, and Amnon Katz. Conformal-invariant scattering amplitude for spinless particles. *Journal of Mathematical Physics*, 10(10):1939–1952, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1939\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1939_s1).

**Kermode:1969:ERF**

- [1382] Mark W. Kermode. Effective-range formula for two-body scattering coupled to a closed secondary channel. *Journal of Mathematical Physics*, 10(10):1953–1956, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1953\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1953_s1).

**Tan:1969:UWH**

- [1383] H. S. Tan and D. K. Cheng. On the uncoupling of Wiener–Hopf equations for half-plane diffraction problems in a gyrotropic medium. *Journal of Mathematical Physics*, 10(10):1957–1963, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1957\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1957_s1).

**Kschwendt:1969:NSI**

- [1384] H. Kschwendt. Numerical solution of integral equations using Legendre polynomials. *Journal of Mathematical Physics*, 10(10):1964–1968, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1964\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1964_s1).

**Mickelsson:1969:RF**

- [1385] Jouko Mickelsson. Representation functions for  $SU(3)$ . *Journal of Mathematical Physics*, 10(10):1968–1970, October 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1968\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i10/p1968_s1).

**Leaf:1969:CTS**

- [1386] Boris Leaf. Canonical transformations and spectra of quantum operators. *Journal of Mathematical Physics*, 10(11):1971–1979, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1971\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1971_s1).

**Leaf:1969:COS**

- [1387] Boris Leaf. Canonical operators for the simple harmonic oscillator. *Journal of Mathematical Physics*, 10(11):1980–1987, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1980\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1980_s1).

**Miller:1969:BEE**

- [1388] Melvin N. Miller. Bounds for effective electrical, thermal, and magnetic properties of heterogeneous materials. *Journal of Mathematical Physics*, 10(11):1988–2004, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1988\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p1988_s1).

**Miller:1969:BEB**

- [1389] Melvin N. Miller. Bounds for effective bulk modulus of heterogeneous materials. *Journal of Mathematical Physics*, 10(11):2005–2013, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2005\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2005_s1). See erratum [1434].

**Todorov:1969:SRC**

- [1390] I. T. Todorov and R. P. Zaikov. Spectral representation of the covariant two-point function and infinite-component fields with arbitrary mass spectrum. *Journal of Mathematical Physics*, 10(11):2014–2019, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2014\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2014_s1).

**Asano:1969:PMN**

- [1391] Naruyoshi Asano, Tosiya Taniuti, and Nobuo Yajima. Perturbation method for a nonlinear wave modulation. II. *Journal of Mathematical Physics*, 10(11):2020–2024, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2020\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2020_s1).

**Bracken:1969:CTD**

- [1392] A. J. Bracken and H. A. Cohen. On canonical  $SO(4, 1)$  transformations of the Dirac equation. *Journal of Mathematical Physics*, 10(11):2024–2032, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2024\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2024_s1).

**Sharp:1969:ILP**

- [1393] R. T. Sharp and C. S. Lam. Internal-labeling problem. *Journal of Mathematical Physics*, 10(11):2033–2038, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2033\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2033_s1).

**Leplae:1969:BFS**

- [1394] L. Leplae and H. Umezawa. Boson formalism in superconductivity. *Journal of Mathematical Physics*, 10(11):2038–2046, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2038\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2038_s1).

**Finley:1969:SRI**

- [1395] J. D. Finley. Short-range interactions and analyticity in momentum transfer. *Journal of Mathematical Physics*, 10(11):2047–2059, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2047\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2047_s1).

**Finley:1969:PCS**

- [1396] J. D. Finley. Possible characterization of short-range interactions. *Journal of Mathematical Physics*, 10(11):2060–2066, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2060\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2060_s1).

**Hammer:1969:PDL**

- [1397] C. L. Hammer and T. A. Weber.  $V$ -particle decay in the Lee model. *Journal of Mathematical Physics*, 10(11):2067–2077, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2067\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2067_s1).

**Mack:1969:ILR**

- [1398] G. Mack and I. Todorov. Irreducibility of the ladder representations of  $U(2, 2)$  when restricted to the Poincaré subgroup. *Journal of Mathematical Physics*, 10(11):2078–2085, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2078\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2078_s1).

**Mukunda:1969:MFLa**

- [1399] N. Mukunda. Matrices of finite Lorentz transformations in a noncompact basis. I. Discrete series of  $O(2, 1)$ . *Journal of Mathematical Physics*, 10(11):2086–2092, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2086\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2086_s1).



**Mukunda:1969:MFLb**

- [1400] N. Mukunda. Matrices of finite Lorentz transformations in a noncompact basis. II. Continuous series of  $O(2, 1)$ . *Journal of Mathematical Physics*, 10(11):2092–2098, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2092\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2092_s1).

**Chiang:1969:FNT**

- [1401] David Chiang. Further note on two binomial coefficient identities of Rosenbaum. *Journal of Mathematical Physics*, 10(11):2098, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2098\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2098_s1). See comment [1435].

**Ullah:1969:GDP**

- [1402] Nazakat Ullah. On a generalized distribution of the poles of the unitary collision matrix. *Journal of Mathematical Physics*, 10(11):2099–2103, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2099\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2099_s1).

**Basu:1969:ADB**

- [1403] Debabrata Basu and S. N. Biswas. Accidental degeneracy in the Bethe–Salpeter equation. *Journal of Mathematical Physics*, 10(11):2104–2113, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2104\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2104_s1).

**Deliyannis:1969:TO**

- [1404] Platon C. Deliyannis. Theory of observables. *Journal of Mathematical Physics*, 10(11):2114–2127, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2114\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2114_s1).

**Frank:1969:ESC**

- [1405] William M. Frank. Erratum: “Strong-Coupling Limit in Potential Theory. II”. *Journal of Mathematical Physics*, 10(11):2128, November 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2128\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i11/p2128_s1). See [1102].

**Radhakrishnan:1969:IMS**

- [1406] D. Radhakrishnan. Internal multiplicity structure for the chain  $SU(n) \supset SU(n-1) \supset \dots \supset SU(2)$ . *Journal of Mathematical Physics*, 10(12):2129–2131, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2129\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2129_s1).

**Bacry:1969:WHS**

- [1407] Henri Bacry and Arne Kihlberg. Wavefunctions on homogeneous spaces. *Journal of Mathematical Physics*, 10(12):2132–2141, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2132\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2132_s1).

**Choi:1969:TDS**

- [1408] Jong H. Choi. Treatment of degeneracies in the Schrödinger perturbation theory by partitioning technique. *Journal of Mathematical Physics*, 10(12):2142–2148, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2142\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2142_s1).

**Cunningham:1969:QFA**

- [1409] M. J. Cunningham and B. G. Wybourne. Quasiparticle formalism and atomic shell theory. *Journal of Mathematical Physics*, 10(12):2149–2155, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2149\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2149_s1).

**Blaha:1969:CA**

- [1410] Stephen Blaha. Character analysis of  $U(N)$  and  $SU(N)$ . *Journal of Mathematical Physics*, 10(12):2156–2168, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2156\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2156_s1).

**Zimmerman:1969:FIG**

- [1411] Robert L. Zimmerman. Functional integration and the generalized Matthews–Salam equations. *Journal of Mathematical Physics*, 10(12):2169–2178, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2169\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2169_s1).

**Rousseau:1969:APT**

- [1412] C. C. Rousseau and D. P. Saylor. Application of perturbation theory to many-body systems with localized particles. *Journal of Mathematical Physics*, 10(12):2179–2184, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2179\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2179_s1).

**McNeil:1969:PRS**

- [1413] Richard P. McNeil and Richard A. Morrow. Physical regions of six-particle processes. *Journal of Mathematical Physics*, 10(12):2185–2190, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2185\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2185_s1).

**Calogero:1969:STB**

- [1414] F. Calogero. Solution of a three-body problem in one dimension. *Journal of Mathematical Physics*, 10(12):2191–2196, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2191\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2191_s1).

**Calogero:1969:GSO**

- [1415] F. Calogero. Ground state of a one-dimensional  $N$ -body system. *Journal of Mathematical Physics*, 10(12):2197–2200, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2197\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2197_s1).

**Shlidor:1969:SCA**

- [1416] O. Shlidor and M. Revzen. Self-consistent approximations in many-body systems. II. *Journal of Mathematical Physics*, 10(12):2201–2204, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2201\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2201_s1).

**McQuistan:1969:VAO**

- [1417] R. B. McQuistan. Vacancy annihilation for one-dimensional dumbbell kinetics. *Journal of Mathematical Physics*, 10(12):2205–2207, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2205\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2205_s1).

**Kvarda:1969:CSQ**

- [1418] Robert E. Kvarda. Canonical states in quantum-statistical mechanics. *Journal of Mathematical Physics*, 10(12):2208–2213, December 1969.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2208\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2208_s1).

**Glimm:1969:IRH**

- [1419] James Glimm and Arthur Jaffe. Infinite renormalization of the Hamiltonian is necessary. *Journal of Mathematical Physics*, 10(12):2213–2214, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2213\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2213_s1).

**Katz:1969:RES**

- [1420] Amnon Katz. Relativistic effects of strong binding on slow particles. *Journal of Mathematical Physics*, 10(12):2215–2219, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2215\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2215_s1).

**Pahor:1969:HSM**

- [1421] S. Pahor and J. K. Shultis. Half-space multigroup transport theory. *Journal of Mathematical Physics*, 10(12):2220–2226, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2220\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2220_s1).

**Alisauskas:1969:SGS**

- [1422] S. J. Alisauskas and A. P. Jucys. Substitution group and the stretched isoscalar factors for the group  $R_5$ . *Journal of Mathematical Physics*, 10(12):2227–2233, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2227\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2227_s1).

**Prosser:1969:SAC**

- [1423] Reese T. Prosser. Spectral analysis of classical central force motion. *Journal of Mathematical Physics*, 10(12):2233–2239, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2233\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2233_s1).

**Gelman:1969:FPI**

- [1424] Donald Gelman and Larry Spruch. Feynman path integrals and scattering theory. *Journal of Mathematical Physics*, 10(12):2240–2254, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2240\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2240_s1).

**Herbert:1969:KIH**

- [1425] D. C. Herbert. Kinematic interaction for the Heisenberg antiferromagnet at low temperature. *Journal of Mathematical Physics*, 10(12):2255–2263, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2255\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2255_s1).

**Sah:1969:SAP**

- [1426] Priyamvada Sah. Statistical average of product of phase sums arising in the study of disordered lattices. I. *Journal of Mathematical Physics*, 10(12):2263–2266, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2263\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2263_s1).

**Aslaksen:1969:CRT**

- [1427] Erik W. Aslaksen and John R. Klauder. Continuous representation theory using the affine group. *Journal of Mathematical Physics*, 10(12):2267–2275, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2267\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2267_s1).

**Antoine:1969:DFSb**

- [1428] J.-P. Antoine. Dirac formalism and symmetry problems in quantum mechanics. II. Symmetry problems. *Journal of Mathematical Physics*, 10(12):2276–2290, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2276\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2276_s1).

**Lewis:1969:UAT**

- [1429] Robert M. Lewis and Johannes Boersma. Uniform asymptotic theory of edge diffraction. *Journal of Mathematical Physics*, 10(12):2291–2305, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2291\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2291_s1).

**Gutkowski:1969:APC**

- [1430] D. Gutkowski and A. Scalia. Analytic properties of a class of nonlocal interactions. II. *Journal of Mathematical Physics*, 10(12):2306–2318, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2306\\_s1](http://jmp.aip.org/resource/1/jmapaq/v10/i12/p2306_s1).

**Anonymous:1969:AIV**

- [1431] Anonymous. Author index to Volume 10. *Journal of Mathematical Physics*, 10(12):2319–2329, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

**Anonymous:1969:ASI**

- [1432] Anonymous. Analytic subject index to Volume 10. *Journal of Mathematical Physics*, 10(12):2330–2343, December 1969. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

**Rowe:1971:EPO**

- [1433] D. J. Rowe. Erratum: “Properties of Overcomplete and Nonorthogonal Basis Vectors”. *Journal of Mathematical Physics*, 12(4):742, April 1971. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v12/i4/p742\\_s1](http://jmp.aip.org/resource/1/jmapaq/v12/i4/p742_s1). See [1353].

**Miller:1971:EBE**

- [1434] Melvin N. Miller. Erratum: “Bounds for Effective Bulk Modulus of Heterogeneous Materials”. *Journal of Mathematical Physics*, 12(6):1057, June 1971. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL [http://jmp.aip.org/resource/1/jmapaq/v12/i6/p1057\\_s2](http://jmp.aip.org/resource/1/jmapaq/v12/i6/p1057_s2). See [1389].

**Gould:1971:CPC**

- [1435] H. W. Gould. Comment on a paper of Chiang. *Journal of Mathematical Physics*, 12(8):1743, August 1971. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1401].

**Calogero:1974:CPL**

- [1436] F. Calogero and C. Marchioro. A comment on the paper ‘Lower bounds on the energy eigenvalues of systems containing identical particles’. *Journal of Mathematical Physics*, 15(1):139–140, January 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1204].

**Newton:1975:ADA**

- [1437] Roger G. Newton. Addendum: “Determination of the amplitude from the differential cross section by unitarity”, [J. Math. Phys. **9**, 2050 (1968)]. *Journal of Mathematical Physics*, 16(6):1358, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL [http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1358\\_s1](http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1358_s1). See [1122].