A Complete Bibliography of Publications in the *Journal of Mathematical Physics: 1975–1979*

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

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

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

08 November 2023
Version 2.14

Title word cross-reference

References

Newton:1968:DAD

[1] 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`. See addendum [225].

Prugovecki:1973:MSS

[2] E. Prugovečki. Multichannel stationary scattering theory in two-Hilbert space formulation. *Journal of Mathematical Physics*, 14(7):957–962, July 1973. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v14/i7/p957_s1`. See erratum [87].

Yao:1973:ANP

[3] Te Hai Yao. On analytic nonlocal potentials. I. A forward dispersion relation. *Journal of Mathematical Physics*, 14(8):1141–1151, August 1973. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v14/i8/p1141_s1`. See erratum [44].

Adler:1974:FSG

[4] Ronald J. Adler. A fluid sphere in general relativity. *Journal of Mathematical Physics*, 15(6):727–729, June 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v15/i6/p727_s1`. See erratum [428].

Wu:1974:AIOb

[5] Shi yu Wu. Application of infinite order perturbation theory in linear systems. II. The frequency spectrum of disordered chains. *Journal of Mathematical Physics*, 15(7):947–949, July 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v15/i7/p947_s1`. See erratum [43].

Kalnins:1974:LTSa

[6] E. G. Kalnins and W. Miller, Jr. Lie theory and separation of variables. 3. The equation $f_{tt} - f_{ss} = \gamma^2 f$. *Journal of Mathematical Physics*, 15(7):1025–1032, July 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v15/i7/p1025_s1`. See erratum [255].

Kloster:1974:SGF

[7] S. Kloster, M. M. Som, and A. Das. On the stationary gravitational fields. *Journal of Mathematical Physics*, 15(7):1096–1102, July 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v15/i7/p1096_s1`. See erratum [473].

Yao:1974:OIP

[8] Te Hai Yao. The T operator and an inverse problem for nonlocal potentials. *Journal of Mathematical Physics*, 15(8):1227–1231, August 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v15/i8/p1227_s1`. See erratum [172].

Ernst:1974:CPF

[9] Frederick J. Ernst. Complex potential formulation of the axially symmetric gravitational field problem. *Journal of Mathematical Physics*, 15 (9):1409–1412, September 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v15/i9/p1409_s1. See erratum [171].

Capri:1974:EWR

[10] Anton Z. Capri. On the existence of weakly retarded and advanced Green's functions. *Journal of Mathematical Physics*, 15(12):2093–2095, December 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v15/i12/p2093_s1. See erratum [202].

Strocchi:1974:PCS

[11] F. Strocchi and A. S. Wightman. Proof of the charge superselection rule in local relativistic quantum field theory. *Journal of Mathematical Physics*, 15(12):2198–2224, December 1974. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v15/i12/p2198_s1. See erratum [703].

Wahlquist:1975:PSN

[12] H. D. Wahlquist and F. B. Estabrook. Prolongation structures of nonlinear evolution equations. *Journal of Mathematical Physics*, 16(1):1–7, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p1_s1.

Letelier:1975:SFE

[13] P. Letelier and R. Tabensky. Singularities for fluids with $p = \omega$ equation of state. *Journal of Mathematical Physics*, 16(1):8–10, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p8_s1.

Beers:1975:AVH

[14] Brian Lee Beers and Richard S. Millman. Analytic vector harmonic expansions on SU(2) and S^2. *Journal of Mathematical Physics*, 16(1):11–19, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p11_s1.

Friedberg:1975:DTR

[15] R. Friedberg. Dual trees and resummation theorems. *Journal of Mathematical Physics*, 16(1):20–30, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p20_s1`.

Vezzetti:1975:NDS

[16] David J. Vezzetti. A new derivation of some fluctuation theorems in statistical mechanics. *Journal of Mathematical Physics*, 16(1):31–33, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p31_s1`.

Lind:1975:GER

[17] Robert W. Lind. Gravitational and electromagnetic radiation in Kerr–Maxwell spaces. *Journal of Mathematical Physics*, 16(1):34–38, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p34_s1`.

Lind:1975:SKM

[18] Robert W. Lind. Stationary Kerr–Maxwell spaces. *Journal of Mathematical Physics*, 16(1):39–43, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p39_s1`.

Wenzel:1975:PTR

[19] Alan R. Wenzel. Propagation of transients in a random medium. *Journal of Mathematical Physics*, 16(1):44–49, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p44_s1`.

Rubinson:1975:DSP

[20] William Rubinson. Discrete state perturbation theory via Green's functions. *Journal of Mathematical Physics*, 16(1):50–53, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i1/p50_s1`.

Ihrig:1975:EDG

[21] Edwin Ihrig. An exact determination of the gravitational potentials g_{ij} in terms of the gravitational fields $R^{l_{ijk}}$. *Journal of Mathematical Physics*, 16(1):54–55, January 1975. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p54_s1.

Dysthe:1975:RSC

[22] K. B. Dysthe and O. T. Gudmestad. On resonance and stability of conservative systems. *Journal of Mathematical Physics*, 16(1):56–64, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p56_s1.

Geroch:1975:MBG

[23] Robert Geroch and Pong Soo Jang. Motion of a body in general relativity. *Journal of Mathematical Physics*, 16(1):65–67, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p65_s1.

Yao:1975:DSN

[24] T. H. Yao. A dispersion series for nonlocal potentials. *Journal of Mathematical Physics*, 16(1):68–71, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p68_s1.

Aguilera-Navarro:1975:COC

[25] M. C. K. Aguilera-Navarro and V. C. Aguilera-Navarro. Casimir operators of complementary unitary groups. *Journal of Mathematical Physics*, 16(1):72–74, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p72_s1.

Davis:1975:GNP

[26] Talmadge M. Davis and John R. Ray. Ghost neutrinos in plane-symmetric spacetimes. *Journal of Mathematical Physics*, 16(1):75–79, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p75_s1.

Davis:1975:NCS

[27] Talmadge M. Davis and John R. Ray. Neutrinos in cylindrically-symmetric spacetimes. *Journal of Mathematical Physics*, 16(1):80–81, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p80_s1.

Moshinsky:1975:CTAa

[28] M. Moshinsky, J. Patera, and P. Winternitz. Canonical transformation and accidental degeneracy. III. A unified approach to the problem. *Journal of Mathematical Physics*, 16(1):82–92, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p82_s1.

ZumWinkel:1975:ESW

[29] D. Zum Winkel. On the exact solutions of the Wick-rotated fermion-antifermion Bethe–Salpeter equation. *Journal of Mathematical Physics*, 16(1):93–95, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p93_s1.

McLaughlin:1975:FEI

[30] D. W. McLaughlin. Four examples of the inverse method as a canonical transformation. *Journal of Mathematical Physics*, 16(1):96–99, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p96_s1. See erratum [277].

McLaughlin:1975:SGB

[31] D. W. McLaughlin. A stochastic Gaussian beam. II. *Journal of Mathematical Physics*, 16(1):100–103, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p100_s1.

McBryan:1975:LCY

[32] Oliver A. McBryan and Yong Moon Park. Lorentz covariance of the yukawa$_2$ quantum field theory. *Journal of Mathematical Physics*, 16(1):104–110, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p104_s1.

Inoue:1975:LGFa

[33] Michiko Inoue. Lattice Green's function for B-site lattice in spinel. *Journal of Mathematical Physics*, 16(1):111–115, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p111_s1.

Maresca:1975:FRD

[34] Neal J. Maresca and Richard L. Liboff. Fields and radiation due to a charge incident on a conducting plane. *Journal of Mathematical Physics*,

16(1):116–124, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p116_s1.

Krasinski:1975:SSE

[35] Andrzej Krasiński. Some solutions of the Einstein field equations for a rotating perfect fluid. *Journal of Mathematical Physics*, 16(1):125–131, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p125_s1.

Alberti:1975:PRB

[36] M. A. Alberti, P. Cotta-Ramusino, and G. Ramella. Preliminary results in the Banach space formulation of master equation and subdynamics theory in quantum statistics. *Journal of Mathematical Physics*, 16(1):132–139, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p132_s1.

Tesei:1975:SNE

[37] A. Tesei. On some nonlinear evolution equations in quantum field theory. *Journal of Mathematical Physics*, 16(1):140–146, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p140_s1.

Moya:1975:ESI

[38] R. P. Moya. Equilibrium states for the infinite ideal Bose gas. *Journal of Mathematical Physics*, 16(1):147–149, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p147_s1.

Hauser:1975:SEKa

[39] I. Hauser and R. J. Malhiot. Structural equations for Killing tensors of order two. I. *Journal of Mathematical Physics*, 16(1):150–152, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p150_s1.

Greene:1975:RFS

[40] Richard D. Greene, Engelbert L. Schucking, and C. V. Vishveshwara. The rest frame in stationary space–times with axial symmetry. *Journal of Mathematical Physics*, 16(1):153–157, January 1975. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p153_s1.

Golden:1975:MPN

[41] Sidney Golden. A minimum principle for von Neumann's equation. *Journal of Mathematical Physics*, 16(1):158–162, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p158_s1. See erratum [224].

Deliyannis:1975:ISS

[42] Platon C. Deliyannis. Imbedding of Segal systems. *Journal of Mathematical Physics*, 16(1):163–170, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p163_s1.

Wu:1975:EAI

[43] Shi yu Wu. Erratum: "Application of infinite order perturbation theory in linear systems. II". *Journal of Mathematical Physics*, 16(1):171, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p171_s1. See [5].

Yao:1975:EAN

[44] Te Hai Yao. Erratum: "On analytic nonlocal potentials. I. A forward dispersion relation". *Journal of Mathematical Physics*, 16(1):171, January 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i1/p171_s2. See [3].

Raczka:1975:CSN

[45] R. Raczka. The construction of solution of nonlinear relativistic wave equation in $\lambda{:}\,\Phi_4^4{:}$ theory. *Journal of Mathematical Physics*, 16(2):173–176, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p173_s1.

Farrukh:1975:ANA

[46] M. O. Farrukh. Application of nonstandard analysis to quantum mechanics. *Journal of Mathematical Physics*, 16(2):177–200, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p177_s1.

Cirelli:1975:ARC

[47] Renzo Cirelli, Franco Gallone, and Bella Gubbay. An algebraic representation of continuous superselection rules. *Journal of Mathematical Physics*, 16(2):201–213, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p201_s1.

Beran:1975:SFB

[48] M. J. Beran and A. M. Whitman. Scattering of a finite beam in a random medium with a nonhomogeneous background. *Journal of Mathematical Physics*, 16(2):214–217, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p214_s1.

Solimeno:1975:RGF

[49] Salvatore Solimeno. Riemann–Green's functions for solving electromagnetic problems exhibiting rotational symmetry in media moving with superluminal velocities. *Journal of Mathematical Physics*, 16(2):218–223, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p218_s1.

Gowdy:1975:CGW

[50] Robert H. Gowdy. Closed gravitational-wave universes: Analytic solutions with two-parameter symmetry. *Journal of Mathematical Physics*, 16(2):224–226, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p224_s1.

Berenson:1975:CGCa

[51] Rhoda Berenson and Joseph L. Birman. Clebsch–Gordan coefficients for crystal space groups. *Journal of Mathematical Physics*, 16(2):227–235, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p227_s1. See erratum [725].

Berenson:1975:CGCb

[52] Rhoda Berenson, Irving Itzkan, and Joseph L. Birman. Clebsch–Gordan coefficients for $*X \otimes *X$ in diamond O_h^7-Fd3m and rocksalt O_n^5-Fm3m. *Journal of Mathematical Physics*, 16(2):236–242, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p236_s1.

deAzcarraga:1975:SAR

[53] J. A. de Azcárraga and L. Navarro. On the spinning axis representation. *Journal of Mathematical Physics*, 16(2):243–246, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p243_s1.

Subramanian:1975:ESS

[54] G. Subramanian, D. Levitt, and H. T. Davis. An exact solution of the spin-spin autocorrelation function for a one-dimensional system of hard rods. *Journal of Mathematical Physics*, 16(2):247–250, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p247_s1.

Wang:1975:RES

[55] P. K. C. Wang. Ray and explosive solutions of nonlinear evolutional equations in Hilbert spaces. *Journal of Mathematical Physics*, 16(2):251–256, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p251_s1.

Hooshyar:1975:CSO

[56] M. A. Hooshyar. Construction of spin-orbit potentials from the phase shifts at fixed energy. *Journal of Mathematical Physics*, 16(2):257–262, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p257_s1.

Witten:1975:TAS

[57] T. A. Witten, Jr. A theorem on the adiabatic scaling of classical orbits. *Journal of Mathematical Physics*, 16(2):263–267, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p263_s1.

Bove:1975:FIP

[58] A. Bove, G. Fano, G. Turchetti, and A. G. Teolis. Functional integration, Padé approximants, and the Schrödinger equation. *Journal of Mathematical Physics*, 16(2):268–270, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p268_s1.

Corbett:1975:PSS

[59] J. V. Corbett. Particles and simple scattering theory. *Journal of Mathematical Physics*, 16(2):271–274, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p271_s1.

Hsieh:1975:VMNa

[60] D. Y. Hsieh. Variational methods and nonlinear forced oscillations. *Journal of Mathematical Physics*, 16(2):275–280, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p275_s1.

Herrick:1975:DEL

[61] D. R. Herrick. Degeneracies in energy levels of quantum systems of variable dimensionality. *Journal of Mathematical Physics*, 16(2):281–283, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p281_s1.

Rauch:1975:ES

[62] Jeffrey Rauch and Michael Taylor. Electrostatic screening. *Journal of Mathematical Physics*, 16(2):284–288, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p284_s1.

Fox:1975:GTM

[63] Ronald Forrest Fox. A generalized theory of multiplicative stochastic processes using cumulant techniques. *Journal of Mathematical Physics*, 16(2):289–297, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p289_s1.

Sijacki:1975:UIR

[64] Dj. Sijacki. The unitary irreducible representations of $\bar{\mathrm{SL}}(3,R)$. *Journal of Mathematical Physics*, 16(2):298–311, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p298_s1.

Grensing:1975:RTU

[65] G. Grensing. Representation theory of the universal covering of the Euclidean conformal group and conformal invariant Green's functions. *Journal of Mathematical Physics*, 16(2):312–317, February 1975. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p312_s1.

Dunlap:1975:NIS

[66] B. I. Dunlap and B. R. Judd. Novel identities for simple n-j symbols (in angular momentum theory). *Journal of Mathematical Physics*, 16(2):318–319, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p318_s1.

Jeavons:1975:CSD

[67] J. S. Jeavons, C. B. G. McIntosh, and D. K. Sen. A correction to the Sen and Dunn gravitational field equations. *Journal of Mathematical Physics*, 16(2):320–321, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p320_s1.

Hallidy:1975:SPA

[68] William Hallidy. Some properties of asymptotically flat, static, Einstein–Maxwell space–times. *Journal of Mathematical Physics*, 16(2):322–325, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p322_s1.

Gray:1975:ERS

[69] D. A. Gray and C. A. Hurst. Explicit representations of a single parabose operator. *Journal of Mathematical Physics*, 16(2):326–333, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p326_s1.

Maekawa:1975:FCR

[70] Takayoshi Maekawa. Formula for the computation of the representation matrix elements of the group SO(n). *Journal of Mathematical Physics*, 16(2):334–340, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p334_s1. See erratum [474].

Ashtekar:1975:SEG

[71] Abhay Ashtekar and Anne Magnon. The Sagnac effect in general relativity. *Journal of Mathematical Physics*, 16(2):341–344, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p341_s1.

Ray:1975:SSC

[72] John R. Ray and Everette L. Thompson. Spacetime symmetries and the complexion of the electromagnetic field. *Journal of Mathematical Physics*, 16(2):345–346, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p345_s1.

Federbush:1975:NASa

[73] Paul Federbush. A new approach to the stability of matter problem. I. *Journal of Mathematical Physics*, 16(2):347–351, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p347_s1.

Hori:1975:STEa

[74] Motoo Hori and Fumiko Yonezawa. Statistical theory of effective electrical, thermal, and magnetic properties of random heterogeneous materials. IV. Effective-medium theory and cumulant expansion method. *Journal of Mathematical Physics*, 16(2):352–364, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p352_s1. See erratum [504].

Hori:1975:STEb

[75] Motoo Hori and Fumiko Yonezawa. Statistical theory of effective electrical, thermal, and magnetic properties of random heterogeneous materials. V. One- and two-dimensional systems. *Journal of Mathematical Physics*, 16(2):365–377, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p365_s1.

Rashid:1975:SEL

[76] M. A. Rashid. Simple expression for the linear boson transformation coefficients. II. *Journal of Mathematical Physics*, 16(2):378–380, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p378_s1.

Mahanta:1975:EEM

[77] M. N. Mahanta and A. Sudhakar Rao. On the equivalence of the Einstein–Mayer and Einstein–Cartan theories for describing a spinning

medium. *Journal of Mathematical Physics*, 16(2):381–383, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p381_s1.

Khandekar:1975:EPT

[78] D. C. Khandekar and S. V. Lawande. Exact propagator for a time-dependent harmonic oscillator with and without a singular perturbation. *Journal of Mathematical Physics*, 16(2):384–388, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p384_s1.

Joshi:1975:CMH

[79] P. C. Joshi. Calculation of moments in the harmonic oscillator basis. *Journal of Mathematical Physics*, 16(2):389–390, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p389_s1.

Dollard:1975:DCD

[80] John D. Dollard. Disproof of a conjecture of D. Muhlerin and I. Zinnes. *Journal of Mathematical Physics*, 16(2):391–393, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p391_s1.

Cornwell:1975:SSL

[81] J. F. Cornwell and J. M. Ekins. Semisimple subgroups of linear semisimple Lie groups. *Journal of Mathematical Physics*, 16(2):394–399, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p394_s1.

Bogdanovic:1975:RGF

[82] R. Bogdanović and M. A. Whitehead. The representation of the $SO(4,1)$ group in four-dimensional Euclidean and spinor space. *Journal of Mathematical Physics*, 16(2):400–409, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p400_s1.

Yamani:1975:MME

[83] Hashim A. Yamani and Louis Fishman. J-matrix method: Extensions to arbitrary angular momentum and to Coulomb scattering. *Journal*

of Mathematical Physics, 16(2):410–420, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p410_s1.

Kittappa:1975:ASP

[84] R. Kittappa and R. E. Kleinman. Acoustic scattering by penetrable homogeneous objects. *Journal of Mathematical Physics*, 16(2):421–432, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p421_s1.

Arafune:1975:THF

[85] J. Arafune, P. G. O. Freund, and C. J. Goebel. Topology of Higgs fields. *Journal of Mathematical Physics*, 16(2):433–437, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p433_s1.

Gerardi:1975:VPS

[86] A. Gerardi, N. Ianiro, C. Maffei, and C. Marchioro. A variational principle in statistical mechanics for particle systems with bounded pair interactions. *Journal of Mathematical Physics*, 16(2):438–441, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p438_s1.

Prugovecki:1975:EMS

[87] E. Prugovečki. Erratum: "Multichannel stationary scattering theory in two-Hilbert space formulation". *Journal of Mathematical Physics*, 16(2):442, February 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i2/p442_s1. See [2].

Backhouse:1975:TOT

[88] N. B. Backhouse. Tensor operators and twisted group algebras. *Journal of Mathematical Physics*, 16(3):443–447, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p443_s1.

Gordon:1975:VPP

[89] William B. Gordon. Vector potentials and physical optics. *Journal of Mathematical Physics*, 16(3):448–454, March 1975. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p448_s1.

Gerjuoy:1975:UEP

[90] Edward Gerjuoy, L. Rosenberg, and Larry Spruch. Useful extremum principle for the variational calculation of matrix elements. II. *Journal of Mathematical Physics*, 16(3):455–461, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p455_s1.

Bessis:1975:PVA

[91] D. Bessis and M. Villani. Perturbative-variational approximations to the spectral properties of semi-bounded Hilbert space operators, based on the moment problem with finite or diverging moments. Application to quantum mechanical systems. *Journal of Mathematical Physics*, 16(3): 462–474, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p462_s1.

Chitre:1975:SCS

[92] D. M. Chitre, R. Güven, and Y. Nutku. Static cylindrically symmetric solutions of the Einstein–Maxwell equations. *Journal of Mathematical Physics*, 16(3):475–477, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p475_s1.

Ardalan:1975:SFT

[93] Farhad Ardalan and G. N. Fleming. A spinor field theory on a seven-dimensional homogeneous space of the Poincaré group. *Journal of Mathematical Physics*, 16(3):478–484, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p478_s1.

Duncan:1975:BS

[94] D. P. Duncan and L. C. Shepley. Boundaries of spacetimes. *Journal of Mathematical Physics*, 16(3):485–492, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p485_s1.

Moncrief:1975:SSL

[95] Vincent Moncrief. Spacetime symmetries and linearization stability of the Einstein equations. I. *Journal of Mathematical Physics*, 16(3):493–498, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-

7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p493_s1.

Boyer:1975:LTSa

[96] C. P. Boyer, E. G. Kalnins, and W. Miller, Jr. Lie theory and separation of variables. 6. The equation $iU_t + \Delta_2 U = 0$. *Journal of Mathematical Physics*, 16(3):499–511, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p499_s1.

Boyer:1975:LTSb

[97] C. P. Boyer, E. G. Kalnins, and W. Miller, Jr. Lie theory and separation of variables. 7. the harmonic oscillator in elliptic coordinates and Ince polynomials. *Journal of Mathematical Physics*, 16(3):512–517, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p512_s1.

Hajicek:1975:SESa

[98] P. Hájícek. Stationary electrovacuum spacetimes with bifurcate horizons. *Journal of Mathematical Physics*, 16(3):518–522, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p518_s1.

Hajicek:1975:SESb

[99] P. Hájícek. Static electrovacuum spacetimes with bifurcate horizons. *Journal of Mathematical Physics*, 16(3):523–527, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p523_s1.

Okubo:1975:AIA

[100] Susumu Okubo. Algebraic identities among U(n) infinitesimal generators. *Journal of Mathematical Physics*, 16(3):528–535, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p528_s1.

Kohler:1975:WPS

[101] Werner E. Kohler. Wave propagation with stochastically coupled propagating and evanescent modes. *Journal of Mathematical Physics*, 16(3):536–543, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p536_s1.

Radin:1975:SRE

[102] Charles Radin. Some remarks on the evolution of a Schrödinger particle in an attractive $1/r^2$ potential. *Journal of Mathematical Physics*, 16(3): 544–547, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p544_s1`.

Katzin:1975:TDD

[103] Gerald H. Katzin and Jack Levine. Time-dependent dynamical symmetries, associated constants of motion, and symmetry deformations of the Hamiltonian in classical particle systems. *Journal of Mathematical Physics*, 16(3):548–555, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p548_s1`.

Hestenes:1975:OOC

[104] David Hestenes. Observables, operators, and complex numbers in the Dirac theory. *Journal of Mathematical Physics*, 16(3):556–572, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p556_s1`.

Gurtler:1975:CFD

[105] R. Gurtler and D. Hestenes. Consistency in the formulation of the Dirac, Pauli, and Schrödinger theories. *Journal of Mathematical Physics*, 16(3): 573–584, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p573_s1`.

Belleni-Morante:1975:CKE

[106] A. Belleni-Morante. On Chapman–Kolmogorov equations for neutron population in a multiplying assembly. *Journal of Mathematical Physics*, 16(3):585–589, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p585_s1`.

Whicker:1975:WPM

[107] Donald Whicker and George Lianis. Wave propagation in media undergoing uniform linear acceleration. *Journal of Mathematical Physics*, 16(3): 590–597, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i3/p590_s1`.

Ablowitz:1975:NDD

[108] M. J. Ablowitz and J. F. Ladik. Nonlinear differential-difference equations. *Journal of Mathematical Physics*, 16(3):598–603, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p598_s1.

Matsuno:1975:EOE

[109] Koichiro Matsuno. Ergodicity of observable and ergodic hypothesis in Markovian kinetics. *Journal of Mathematical Physics*, 16(3):604–608, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p604_s1.

Roberts:1975:FOS

[110] P. H. Roberts and A. M. Soward. On first order smoothing theory. *Journal of Mathematical Physics*, 16(3):609–615, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p609_s1.

Fuchs:1975:EDN

[111] V. Fuchs and G. Beaudry. Effect of damping on nonlinear three-wave interaction. *Journal of Mathematical Physics*, 16(3):616–619, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p616_s1.

Bowen:1975:AHS

[112] Samuel P. Bowen. The abstract Hilbert space generalization of Feenberg's perturbation theory—A new method of quantum field theory. *Journal of Mathematical Physics*, 16(3):620–632, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p620_s1.

Twersky:1975:MSW

[113] Victor Twersky. Multiple scattering of waves by the doubly periodic planar array of obstacles. *Journal of Mathematical Physics*, 16(3):633–643, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p633_s1.

Twersky:1975:LSS

[114] Victor Twersky. Lattice sums and scattering coefficients for the rectangular planar array. *Journal of Mathematical Physics*, 16(3):644–657, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p644_s1.

Twersky:1975:LFC

[115] Victor Twersky. Low frequency coupling in the planar rectangular lattice. *Journal of Mathematical Physics*, 16(3):658–666, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p658_s1.

Gorini:1975:RDP

[116] Vittorio Gorini and Antonio Zecca. Reversible dynamics in a proposition-state structure. *Journal of Mathematical Physics*, 16(3):667–669, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p667_s1.

dInverno:1975:CPGa

[117] R. A. d'Inverno. The Cauchy problem in general relativity. I. Metrics containing arbitrary functions. *Journal of Mathematical Physics*, 16(3):670–673, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p670_s1.

dInverno:1975:CPGb

[118] R. A. d'Inverno. The Cauchy problem in general relativity. II. Main and constraint equations in the characteristic initial-value problem. *Journal of Mathematical Physics*, 16(3):674–678, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p674_s1.

Malin:1975:WDE

[119] S. Malin. The Weyl and Dirac equations in terms of functions over the group SU_2. *Journal of Mathematical Physics*, 16(3):679–684, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p679_s1.

Atkinson:1975:PSF

[120] D. Atkinson, M. Kaekebeke, and M. de Roo. Phase shifts as functions of the cross section. *Journal of Mathematical Physics*, 16(3):685–693, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p685_s1.

Eggarter:1975:PCT

[121] T. P. Eggarter. Percolation on a Cayley tree with second nearest neighbor bonds. *Journal of Mathematical Physics*, 16(3):694–695, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p694_s1.

Pavelle:1975:CVK

[122] Richard Pavelle. Conserved vectors of the Komar type and compatibility identities in Lagrangian field theories. *Journal of Mathematical Physics*, 16(3):696–702, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p696_s1.

Nauenberg:1975:RGS

[123] M. Nauenberg. Renormalization group solution of the one-dimensional Ising model. *Journal of Mathematical Physics*, 16(3):703–705, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p703_s1.

Federbush:1975:NASb

[124] Paul Federbush. A new approach to the stability of matter problem. II. *Journal of Mathematical Physics*, 16(3):706–709, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p706_s1.

Benard:1975:DQD

[125] C. Bénard. A definition of quantum detection point processes. *Journal of Mathematical Physics*, 16(3):710–719, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p710_s1.

Goovaerts:1975:PIE

[126] M. J. Goovaerts. Path-integral evaluation of a nonstationary Calogero model. *Journal of Mathematical Physics*, 16(3):720–723, March 1975.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p720_s1.

Liu:1975:ETT

[127] Kuang Chi Liu. An expansion theorem for the twisted product with applications. *Journal of Mathematical Physics*, 16(3):724–728, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p724_s1.

Schroeck:1975:MQF

[128] Franklin E. Schroeck, Jr. A model of quantum field theory treated in the Fock–Cook formalism. II. *Journal of Mathematical Physics*, 16(3):729–739, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p729_s1.

Sneddon:1975:CPT

[129] G. E. Sneddon. Change of Petrov type under generation of solutions of Einstein's equations. *Journal of Mathematical Physics*, 16(3):740–742, March 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i3/p740_s1.

Mastalir:1975:TRPa

[130] Robert O. Mastalir. Theory of Regge poles for $1/r^2$ potentials. I. *Journal of Mathematical Physics*, 16(4):743–748, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p743_s1.

Mastalir:1975:TRPb

[131] Robert O. Mastalir. Theory of Regge poles for $1/r^2$ potentials. II. An exactly solvable example at zero energy. *Journal of Mathematical Physics*, 16(4):749–751, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p749_s1.

Mastalir:1975:TRPc

[132] Robert O. Mastalir. Theory of Regge poles for $1/r^2$ potentials. III. An exact solution of Schrödinger's equation for arbitrary I and E. *Journal of Mathematical Physics*, 16(4):752–755, April 1975. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p752_s1.

Sullivan:1975:DCA

[133] John J. Sullivan. Double coset analysis for symmetry adapting Nth rank tensors of U(n) to its unitary subgroups. *Journal of Mathematical Physics*, 16(4):756–760, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p756_s1. See erratum [315].

Gerjuoy:1975:SOE

[134] Edward Gerjuoy. Second order error in variational calculation of matrix elements. *Journal of Mathematical Physics*, 16(4):761–765, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p761_s1.

Tjostheim:1975:NUD

[135] D. Tjøstheim. A note on the unified Dirac–von Neumann formulation of quantum mechanics. *Journal of Mathematical Physics*, 16(4):766–767, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p766_s1.

Hendrickson:1975:TIS

[136] Joseph H. Hendrickson. Temporally inhomogeneous scattering theory for modified wave operators. *Journal of Mathematical Physics*, 16(4):768–771, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p768_s1.

Bose:1975:SKN

[137] S. K. Bose. Studies in the Kerr–Newman metric. *Journal of Mathematical Physics*, 16(4):772–775, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p772_s1.

Greene:1975:MAK

[138] David E. Greene. Mathematical aspects of kinetic model equations for binary gas mixtures. *Journal of Mathematical Physics*, 16(4):776–782, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p776_s1.

Ezawa:1975:VES

[139] H. Ezawa, J. R. Klauder, and L. A. Shepp. Vestigial effects of singular potentials in diffusion theory and quantum mechanics. *Journal of Mathematical Physics*, 16(4):783–799, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p783_s1`.

Wong:1975:MEG

[140] M. K. F. Wong and Hsin-Yang Yeh. Matrix elements of the generators of IU(n) and IO(n) and respective deformations to U($n, 1$) and O($n, 1$). *Journal of Mathematical Physics*, 16(4):800–803, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p800_s1`.

Hansen:1975:KIR

[141] R. O. Hansen and Jeffrey Winicour. Killing inequalities for relativistically rotating fluids. *Journal of Mathematical Physics*, 16(4):804–808, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p804_s1`.

Inoue:1975:LGFb

[142] Michiko Inoue. Lattice Green's function for the body-centred cubic lattice. *Journal of Mathematical Physics*, 16(4):809–812, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p809_s1`.

Baker:1975:CPA

[143] George A. Baker, Jr. Convergence of Padé approximants using the solution of linear functional equations. *Journal of Mathematical Physics*, 16(4):813–822, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p813_s1`.

Tortorella:1975:EUP

[144] Michael Tortorella. Experimental uncertainties in the problem of the unitarity equation. *Journal of Mathematical Physics*, 16(4):823–828, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p823_s1`.

McLenaghan:1975:CFS

[145] R. G. McLenaghan, N. Tariq, and B. O. J. Tupper. Conformally flat solutions of the Einstein–Maxwell equations for null electromagnetic fields. *Journal of Mathematical Physics*, 16(4):829–831, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p829_s1.

Provost:1975:AAI

[146] J. P. Provost, F. Rocca, and G. Vallée. Algebraic approach of the infrared-problem for external currents. *Journal of Mathematical Physics*, 16(4):832–833, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p832_s1.

Reina:1975:NLG

[147] C. Reina and A. Treves. NUT-like generalization of axisymmetric gravitational fields. *Journal of Mathematical Physics*, 16(4):834–835, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p834_s1.

Rosen:1975:NDS

[148] Gerald Rosen. Nonexistence of dissipative structure solutions to Volterra many-species models. *Journal of Mathematical Physics*, 16(4):836, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p836_s1.

Lubkin:1975:SEM

[149] Elihu Lubkin. Symmetry of ensembles of maximum entropy. *Journal of Mathematical Physics*, 16(4):837–839, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p837_s1.

Alabiso:1975:VRA

[150] C. Alabiso and P. Butera. N-variable rational approximants and method of moments. *Journal of Mathematical Physics*, 16(4):840–845, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p840_s1.

Habetler:1975:UAE

[151] G. J. Habetler and B. J. Matkowsky. Uniform asymptotic expansions in transport theory with small mean free paths, and the diffusion approximation. *Journal of Mathematical Physics*, 16(4):846–854, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p846_s1.

Schutz:1975:SSP

[152] Bernard F. Schutz. On the strength of a system of partial differential equations. *Journal of Mathematical Physics*, 16(4):855–856, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p855_s1.

Couch:1975:NSI

[153] W. E. Couch and R. J. Torrence. Nonspreading solutions of the inhomogeneous scalar wave equation. *Journal of Mathematical Physics*, 16(4):857–861, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p857_s1. See erratum [349].

Huffaker:1975:FMT

[154] J. N. Huffaker and P. H. Dwivedi. Factorization-method treatment of the perturbed Morse oscillator. *Journal of Mathematical Physics*, 16(4):862–867, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p862_s1.

Garrod:1975:VAT

[155] C. Garrod, M. V. Mihailović, and M. Rosina. The variational approach to the two-body density matrix. *Journal of Mathematical Physics*, 16(4):868–874, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p868_s1.

Fulling:1975:AES

[156] S. A. Fulling. Adiabatic expansions of solutions of coupled second-order linear differential equations. I. *Journal of Mathematical Physics*, 16(4):875–883, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p875_s1.

Mayer:1975:VTF

[157] D. H. Mayer. Vector and tensor fields on conformal space. *Journal of Mathematical Physics*, 16(4):884–893, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p884_s1.

Ladde:1975:SDI

[158] G. S. Ladde. Systems of differential inequalities and stochastic differential equations. II. *Journal of Mathematical Physics*, 16(4):894–900, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p894_s1.

Lukierski:1975:GFF

[159] J. Lukierski and W. Sienkiewicz. Generalized free fields and the representations of Weyl group. II. Reducible representations. *Journal of Mathematical Physics*, 16(4):901–904, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p901_s1.

Schultheis:1975:EGI

[160] H. Schultheis and R. Schultheis. Electrostatic or gravitational interaction energy of coaxial ellipsoids. *Journal of Mathematical Physics*, 16(4): 905–909, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p905_s1.

Comi:1975:STS

[161] M. Comi, L. Lanz, L. A. Lugiato, and G. Ramella. Space–time symmetries and nonunitary representations of the Poincaré semigroup: Description of unstable particles. *Journal of Mathematical Physics*, 16(4): 910–917, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p910_s1.

Barnsley:1975:CTP

[162] M. F. Barnsley. Correction terms for Padé approximants. *Journal of Mathematical Physics*, 16(4):918–928, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p918_s1.

Abbati:1975:LGH

[163] Maria C. Abbati, Renzo Cirelli, and Franco Gallone. From a "laboratory" Galilei–Hilbert bundle to an algebra of observables. *Journal of Mathematical Physics*, 16(4):929–937, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p929_s1.

deLorenzi:1975:IEF

[164] H. G. de Lorenzi and H. F. Tiersten. On the interaction of the electromagnetic field with heat conducting deformable semiconductors. *Journal of Mathematical Physics*, 16(4):938–957, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p938_s1.

Melnick:1975:ESE

[165] Jorge Melnick and Romualdo Tabensky. Exact solutions to Einstein field equations. *Journal of Mathematical Physics*, 16(4):958–960, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p958_s1.

Aly:1975:SSP

[166] H. H. Aly, H. J. W. Müller-Kirsten, and N. Vahedi-Faridi. Scattering by singular potentials with a perturbation-theoretical introduction to Mathieu functions. *Journal of Mathematical Physics*, 16(4):961–970, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p961_s1. See erratum [625].

DeFacio:1975:HCM

[167] B. DeFacio. Heat conduction model with finite signal speed. *Journal of Mathematical Physics*, 16(4):971–974, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p971_s1. See erratum [350].

Doebner:1975:QMH

[168] H. D. Doebner and J. Tolar. Quantum mechanics on homogeneous spaces. *Journal of Mathematical Physics*, 16(4):975–984, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i4/p975_s1.

Bisognano:1975:DCH

[169] Joseph J. Bisognano and Eyvind H. Wichmann. On the duality condition for a Hermitian scalar field. *Journal of Mathematical Physics*, 16(4): 985–1007, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p985_s1`.

Brans:1975:SRA

[170] Carl H. Brans. Some restrictions on algebraically general vacuum metrics. *Journal of Mathematical Physics*, 16(4):1008–1010, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p1008_s1`.

Ernst:1975:ECP

[171] Frederick J. Ernst. Erratum: "Complex potential formulation of the axially symmetric gravitational field problem". *Journal of Mathematical Physics*, 16(4):1011, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p1011_s1`. See [9].

Yao:1975:EOI

[172] Te Hai Yao. Erratum: "The T operator and an inverse problem for non-local potentials". *Journal of Mathematical Physics*, 16(4):1011, April 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i4/p1011_s2`. See [8].

Davidson:1975:RQS

[173] Russell Davidson and John J. Kozak. On the relaxation to quantum-statistical equilibrium of the Wigner–Weisskopf atom in a one-dimensional radiation field. VII. Emission in a finite system in the presence of an extra photon. *Journal of Mathematical Physics*, 16(5):1013–1022, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1013_s1`.

Camenzind:1975:CDM

[174] M. Camenzind. On the curvature dynamics for metric gravitational theories. *Journal of Mathematical Physics*, 16(5):1023–1031, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1023_s1`.

Kiehn:1975:CIH

[175] R. M. Kiehn. Conformal invariance and Hamilton Jacobi theory for dissipative systems. *Journal of Mathematical Physics*, 16(5):1032–1033, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1032_s1.

Truong:1975:WQA

[176] T. T. Truong. Weyl quantization of anharmonic oscillators. *Journal of Mathematical Physics*, 16(5):1034–1043, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1034_s1.

Moses:1975:IEG

[177] H. E. Moses. An integral equation for the Gel'fand–Levitan kernel in terms of the scattering potential in the one-dimensional case. *Journal of Mathematical Physics*, 16(5):1044–1046, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1044_s1.

Herrick:1975:VDG

[178] David R. Herrick. Variable dimensionality in the group-theoretic prediction of configuration mixings for doubly-excited helium. *Journal of Mathematical Physics*, 16(5):1047–1053, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1047_s1.

Ablowitz:1975:IST

[179] M. J. Ablowitz and H. Segur. The inverse scattering transform: Semi-infinite interval. *Journal of Mathematical Physics*, 16(5):1054–1056, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1054_s1.

McDonald:1975:TRS

[180] J. F. McDonald and L. D. Favro. On the transformation from random Schrödinger Hamiltonians to random Hamiltonian matrices. *Journal of Mathematical Physics*, 16(5):1057–1064, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1057_s1.

Park:1975:LAF

[181] Yong Moon Park. Lattice approximation of the $(\lambda\phi^4 - \mu\phi)_3$ field theory in a finite volume. *Journal of Mathematical Physics*, 16(5):1065–1075, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1065_s1.

Campbell:1975:LCE

[182] C. E. Campbell. Linked cluster expansions in the density fluctuation formulation of the many-body problem. *Journal of Mathematical Physics*, 16(5):1076–1086, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1076_s1.

Onofri:1975:NCS

[183] Enrico Onofri. A note on coherent state representations of Lie groups. *Journal of Mathematical Physics*, 16(5):1087–1089, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1087_s1.

Krause:1975:DCCa

[184] Jorge Krause. The de Donder coordinate condition and minimal class 1 space–time. *Journal of Mathematical Physics*, 16(5):1090–1092, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1090_s1.

Demmie:1975:BNN

[185] Paul N. Demmie. Bifurcate nondiverging null hypersurfaces and trapped surfaces. *Journal of Mathematical Physics*, 16(5):1093–1103, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1093_s1.

Gerjuoy:1975:VPV

[186] E. Gerjuoy, A. R. P. Rau, L. Rosenberg, and Larry Spruch. Variational principles, variational identities, and supervariational principles for wavefunctions. *Journal of Mathematical Physics*, 16(5):1104–1111, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1104_s1.

Brunet:1975:PCR

[187] Robert C. Brunet. Pyramidal composition rules for Wronskians upon Wronskians. *Journal of Mathematical Physics*, 16(5):1112–1116, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1112_s1`.

Larsen:1975:ECF

[188] E. W. Larsen, S. Sancaktar, and P. F. Zweifel. Extension of the Case formulas to L_p. Application to half and full space problems. *Journal of Mathematical Physics*, 16(5):1117–1121, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1117_s1`.

Chadam:1975:GES

[189] J. M. Chadam and R. T. Glassey. Global existence of solutions to the Cauchy problem for time-dependent Hartree equations. *Journal of Mathematical Physics*, 16(5):1122–1130, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1122_s1`.

Bhaumik:1975:CNO

[190] K. Bhaumik and B. Dutta-Roy. The classical nonlinear oscillator and the coherent state. *Journal of Mathematical Physics*, 16(5):1131–1133, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1131_s1`.

Pao:1975:IMS

[191] C. V. Pao. An iterative method for solving a two-point boundary value problem. *Journal of Mathematical Physics*, 16(5):1134–1138, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1134_s1`.

Tripathy:1975:SCK

[192] K. C. Tripathy, Rakesh Gupta, and J. D. Anand. O$(4, 2)$ symmetry and the classical Kepler problem. *Journal of Mathematical Physics*, 16(5):1139–1144, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1139_s1`.

Yaakobi:1975:RAQ

[193] Daniel Yaakobi. A relativistic approach to quadrupole effects on planetary orbits. *Journal of Mathematical Physics*, 16(5):1145–1147, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1145_s1.

deMottoni:1975:EMR

[194] P. de Mottoni and A. Tesei. An explicit model for the renormalization of field equations. *Journal of Mathematical Physics*, 16(5):1148–1149, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1148_s1.

Chen:1975:EOZ

[195] M. Chen. On the equivalence of the Ornstein–Zernike relation and Baxter's relations for a one-dimensional simple fluid. *Journal of Mathematical Physics*, 16(5):1150–1151, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1150_s1.

Cohn:1975:GNT

[196] Jack Cohn. Geodesics and Newtonian trajectories. *Journal of Mathematical Physics*, 16(5):1152–1155, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1152_s1.

Davies:1975:LWN

[197] John A. Davies and Carol L. Mainville. Long-wavelength normal mode vibrations of infinite, ionic crystal lattices. *Journal of Mathematical Physics*, 16(5):1156–1171, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1156_s1.

Gambardella:1975:ERQ

[198] Pascal J. Gambardella. Exact results in quantum many-body systems of interacting particles in many dimensions with $\bar{\mathrm{SU}}(1,1)$ as the dynamical group. *Journal of Mathematical Physics*, 16(5):1172–1187, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1172_s1.

Banerjee:1975:CSS

[199] A. Banerjee. Cylindrically symmetric stationary beam of electromagnetic radiation. *Journal of Mathematical Physics*, 16(5):1188–1190, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1188_s1.

Arens:1975:MHS

[200] Richard Arens. Models of Hamiltonian several-particle interactions. *Journal of Mathematical Physics*, 16(5):1191–1198, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1191_s1.

Pavelle:1975:CVD

[201] Richard Pavelle. Conserved vector densities and their curl expressions. *Journal of Mathematical Physics*, 16(5):1199–1200, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1199_s1.

Capri:1975:EEW

[202] A. Z. Capri. Erratum: "On the existence of weakly retarded and advanced Green's functions". *Journal of Mathematical Physics*, 16(5): 1201, May 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i5/p1201_s1. See [10].

Bummerstede:1975:NEL

[203] J. Bümmerstede and W. Lücke. The notion of essential locality for nonlocalizable fields. *Journal of Mathematical Physics*, 16(6):1203–1209, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1203_s1.

Vroegindeweij:1975:STL

[204] P. G. Vroegindeweij. The separating topology for the Lorentz group L. *Journal of Mathematical Physics*, 16(6):1210–1213, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1210_s1.

Fox:1975:PAM

[205] Ronald Forrest Fox. Physical applications of multiplicative stochastic processes. III. Nonequilibrium entropy. *Journal of Mathematical*

Physics, 16(6):1214–1218, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1214_s1.

Davis:1975:SPP

[206] L. C. Davis and J. R. Reitz. Solution of potential problems near the corner of a conductor. *Journal of Mathematical Physics*, 16(6):1219–1226, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1219_s1.

Campesino-Romeo:1975:CSQ

[207] Enrique Campesino-Romeo and John R. Taylor. Cross sections in quantum mechanics. *Journal of Mathematical Physics*, 16(6):1227–1230, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1227_s1.

Berendt:1975:HOG

[208] G. Berendt, E. Weimar, and R. Gilmore. Harmonic oscillator Green's function from a BCH formula. *Journal of Mathematical Physics*, 16(6):1231–1233, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1231_s1.

Krause:1975:DCCb

[209] Jorge Krause. The de Donder coordinate condition and minimal class 1 space–time. *Journal of Mathematical Physics*, 16(6):1234–1236, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1234_s1.

Glasser:1975:ELS

[210] M. L. Glasser. Evaluation of lattice sums. IV. A five-dimensional sum. *Journal of Mathematical Physics*, 16(6):1237–1238, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1237_s1.

Wong:1975:EIO

[211] M. K. F. Wong and Hsin-Yang Yeh. Eigenvalues of the invariant operators of the orthogonal and symplectic groups. *Journal of Mathematical*

Physics, 16(6):1239–1243, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1239_s1.

Oguztoreli:1975:GPF

[212] M. N. Oguztöreli. A Goursat problem for the fourth moment equation. *Journal of Mathematical Physics*, 16(6):1244–1246, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1244_s1.

Klink:1975:TAR

[213] W. H. Klink. Two applications of the Racah coefficients of the Poincaré group. *Journal of Mathematical Physics*, 16(6):1247–1252, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1247_s1.

Ebrahim:1975:GCP

[214] Abdul Ebrahim. General chiral $SU_2 \times SU_2$ pion Lagrangian and the generators of $O(4,1)$ group. *Journal of Mathematical Physics*, 16(6):1253–1255, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1253_s1.

Mehta:1975:DCG

[215] M. L. Mehta and G. C. Mehta. Discrete Coulomb gas in one dimension: Correlation functions. *Journal of Mathematical Physics*, 16(6):1256–1258, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1256_s1.

Hioe:1975:TLR

[216] F. T. Hioe and E. W. Montroll. Two-level radiative systems and perturbation theory. *Journal of Mathematical Physics*, 16(6):1259–1270, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1259_s1.

Finkelstein:1975:GRF

[217] Robert J. Finkelstein. The general relativistic fields of a charged rotating source. *Journal of Mathematical Physics*, 16(6):1271–1277, June

1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1271_s1.

Aronowitz:1975:PMG

[218] S. Aronowitz and B. E. Eichinger. Petrie matrices and generalized inverses. *Journal of Mathematical Physics*, 16(6):1278–1283, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1278_s1.

Lebowitz:1975:SES

[219] Joel L. Lebowitz, Michael Aizemann, and Sheldon Goldstein. On the stability of equilibrium states of finite classical systems. *Journal of Mathematical Physics*, 16(6):1284–1287, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1284_s1.

Coster:1975:OTT

[220] Joseph Coster and Henry P. Stapp. Optical theorems for three-to-three processes. *Journal of Mathematical Physics*, 16(6):1288–1323, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1288_s1.

Baker:1975:SIB

[221] George A. Baker, Jr. Self-interacting, boson, quantum, field theory and the thermodynamic limit in d-dimensions. *Journal of Mathematical Physics*, 16(6):1324–1346, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1324_s1.

Greub:1975:MCC

[222] Werner Greub and Herbert-Rainer Petry. Minimal coupling and complex line bundles. *Journal of Mathematical Physics*, 16(6):1347–1351, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1347_s1.

Wollenberg:1975:HSC

[223] L. S. Wollenberg. Higher symmetry of certain classical quadratic Hamiltonians. *Journal of Mathematical Physics*, 16(6):1352–1357, June 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i6/p1352_s1.

Golden:1975:EMP

[224] Sidney Golden. Erratum: "A minimum principle for von Neumann's equation". *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_s2. See [41].

Newton:1975:ADA

[225] 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. See [1].

Lee:1975:TIR

[226] Jon Lee. The triad-interaction representation of homogeneous turbulence. *Journal of Mathematical Physics*, 16(7):1359–1366, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1359_s1.

Lee:1975:ICM

[227] Jon Lee. Isolating constants of motion for the homogeneous turbulence of two and three dimensions. *Journal of Mathematical Physics*, 16(7):1367–1373, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1367_s1.

Logan:1975:ITS

[228] J. D. Logan and J. S. Blakeslee. An invariance theory for second-order variational problems. *Journal of Mathematical Physics*, 16(7):1374–1379, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1374_s1.

Tabensky:1975:SCR

[229] R. Tabensky and D. Villarroel. Simplified calculations for radiation reaction forces. *Journal of Mathematical Physics*, 16(7):1380–1382, July

1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1380_s1.

Balanis:1975:ADL

[230] George N. Balanis. Analysis of the dispersion of low frequency uniaxial waves in heterogeneous periodic elastic media. *Journal of Mathematical Physics*, 16(7):1383–1387, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1383_s1. See addendum [624].

Fuchs:1975:ILD

[231] V. Fuchs. The influence of linear damping on nonlinearly coupled positive and negative energy waves. *Journal of Mathematical Physics*, 16(7):1388–1392, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1388_s1.

Lathouwers:1975:HR

[232] L. Lathouwers. The Hamiltonian $H = (-1/2)d^2/dx^2 + x^2/2 + \lambda/x^2$ reobserved. *Journal of Mathematical Physics*, 16(7):1393–1395, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1393_s1.

Kelemen:1975:CIT

[233] A. Kelemen. On convergent iterations and their applications to Hartree–Fock equations. *Journal of Mathematical Physics*, 16(7):1396–1401, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1396_s1.

Cox:1975:CMM

[234] Joseph R. Cox and Hugo R. Garcia. Construction of a meromorphic many-channel p-wave S matrix. *Journal of Mathematical Physics*, 16(7):1402–1409, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1402_s1.

Cox:1975:AMC

[235] Joseph R. Cox. On angular momentum and channel coupling for a meromorphic many-channel S matrix. *Journal of Mathematical Physics*, 16(7):1410–1415, July 1975. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1410_s1.

Carinena:1975:PUR

[236] Jose F. Cariñena and Mariano Santander. On the projective unitary representations of connected Lie groups. *Journal of Mathematical Physics*, 16(7):1416–1420, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1416_s1.

Larsen:1975:NTD

[237] Edward W. Larsen. Neutron transport and diffusion in inhomogeneous media. I. *Journal of Mathematical Physics*, 16(7):1421–1427, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1421_s1.

Chen:1975:BTS

[238] Hsing-Hen Chen and Chuan-Sheng Liu. Bäcklund transformation solutions of the Toda lattice equation. *Journal of Mathematical Physics*, 16(7):1428–1430, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1428_s1.

Eris:1975:HMR

[239] Ahmet Eris and Yavuz Nutku. Harmonic mappings of Riemannian manifolds and stationary vacuum space–times with whole cylinder symmetry. *Journal of Mathematical Physics*, 16(7):1431–1434, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1431_s1.

Case:1975:OPI

[240] K. M. Case. Orthogonal polynomials. II. *Journal of Mathematical Physics*, 16(7):1435–1440, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1435_s1.

vanHaeringen:1975:AMC

[241] H. van Haeringen and R. van Wageningen. Analytic T matrices for Coulomb plus rational separable potentials. *Journal of Mathematical Physics*, 16(7):1441–1452, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1441_s1.

Forte:1975:SMB

[242] B. Forte and C. C. A. Sastri. Is something missing in the Boltzmann entropy? *Journal of Mathematical Physics*, 16(7):1453–1456, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1453_s1.

Chaba:1975:ECL

[243] A. N. Chaba and R. K. Pathria. Evaluation of a class of lattice sums in arbitrary dimensions. *Journal of Mathematical Physics*, 16(7):1457–1460, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1457_s1.

Havas:1975:SVHa

[244] Peter Havas. Separation of variables in the Hamilton–Jacobi, Schrödinger, and related equations. I. complete separation. *Journal of Mathematical Physics*, 16(7):1461–1468, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1461_s1.

Contopoulos:1975:IMR

[245] G. Contopoulos and L. Vlahos. Integrals of motion and resonances in a dipole magnetic field. *Journal of Mathematical Physics*, 16(7):1469–1474, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1469_s1.

Balaban:1975:SQC

[246] T. Balaban and R. Raczka. Second quantization of classical nonlinear relativistic field theory. I. Canonical formalism. *Journal of Mathematical Physics*, 16(7):1475–1481, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1475_s1.

Klein:1975:SKS

[247] William Klein. Spectrum of the Kirkwood–Salsburg operator and phase transitions. *Journal of Mathematical Physics*, 16(7):1482–1487, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1482_s1.

Letelier:1975:SGF

[248] P. S. Letelier. Self-gravitating fluids with cylindrical symmetry. *Journal of Mathematical Physics*, 16(7):1488–1490, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1488_s1.

Avishai:1975:STB

[249] Y. Avishai. Solution of the three-body problem with inverse square potentials. *Journal of Mathematical Physics*, 16(7):1491–1492, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1491_s1.

Boyer:1975:CTI

[250] Charles P. Boyer and Kurt Bernardo Wolf. Canonical transforms. III. configuration and phase descriptions of quantum systems possessing an sl$(2, R)$ dynamical algebra. *Journal of Mathematical Physics*, 16(7):1493–1502, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1493_s1.

Pauri:1975:CRP

[251] M. Pauri and G. M. Prosperi. Canonical realizations of the Poincaré group. I. General theory. *Journal of Mathematical Physics*, 16(7):1503–1521, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1503_s1.

Ronen:1975:BLI

[252] Yigal Ronen. Boundedness of linear integral operators in weighted L_p spaces. *Journal of Mathematical Physics*, 16(7):1522–1523, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1522_s1.

Hanckowiak:1975:SMQ

[253] Jerzy Hańćkowiak. Statistical methods in quantum field theory. *Journal of Mathematical Physics*, 16(7):1524–1527, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1524_s1.

Rao:1975:SRC

[254] K. Srinivasa Rao, T. S. Santhanam, and K. Venkatesh. On the symmetries of the Racah coefficient. *Journal of Mathematical Physics*, 16(7): 1528–1530, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1528_s1.

Kalnins:1975:ELT

[255] E. G. Kalnins and W. Miller. Erratum: "Lie theory and separation of variables. 3. The equation $f_{tt} - f_{ss} = \gamma^2 f$". *Journal of Mathematical Physics*, 16(7):1531, July 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i7/p1531_s1. See [6].

Osborn:1975:TBT

[256] T. A. Osborn and D. Bollé. The three-body time-delay operator. *Journal of Mathematical Physics*, 16(8):1533–1549, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1533_s1.

Moraal:1975:ICT

[257] H. Moraal. Irreducible Cartesian tensor expansions of scalar fields. *Journal of Mathematical Physics*, 16(8):1550–1555, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1550_s1.

Moncrief:1975:DGP

[258] Vincent Moncrief. Decompositions of gravitational perturbations. *Journal of Mathematical Physics*, 16(8):1556–1560, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1556_s1.

Maltman:1975:OSD

[259] Kim Maltman and W. G. Laidlaw. Onsager symmetry and the diagonalizability of the hydrodynamic matrix. *Journal of Mathematical Physics*, 16(8):1561–1568, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1561_s1.

Perry:1975:DBW

[260] W. L. Perry and C. D. Luning. On the density of the Breit–Wigner functions. *Journal of Mathematical Physics*, 16(8):1569–1572, August

1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1569_s1.

Zielke:1975:NSE

[261] Walter Zielke. A nonlinear system of Euler–Lagrange equations. Reduction to the Korteweg–de Vries equation and periodic solutions. *Journal of Mathematical Physics*, 16(8):1573–1579, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1573_s1.

Abellanas:1975:GSC

[262] L. Abellanas and L. Martinez Alonso. A general setting for Casimir invariants. *Journal of Mathematical Physics*, 16(8):1580–1584, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1580_s1.

Hostler:1975:ODE

[263] Levere Hostler. One-dimensional excited state reduced Coulomb Green's function. *Journal of Mathematical Physics*, 16(8):1585–1596, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1585_s1.

Patera:1975:CSFa

[264] J. Patera, P. Winternitz, and H. Zassenhaus. Continuous subgroups of the fundamental groups of physics I. General method and the Poincaré group. *Journal of Mathematical Physics*, 16(8):1597–1614, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1597_s1.

Patera:1975:CSFb

[265] J. Patera, P. Winternitz, and H. Zassenhaus. Continuous subgroups of the fundamental groups of physics II. The similitude group. *Journal of Mathematical Physics*, 16(8):1615–1624, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1615_s1.

Hauser:1975:SEKb

[266] I. Hauser and R. J. Malhiot. Structural equations for Killing tensors of order two. II. *Journal of Mathematical Physics*, 16(8):1625–1629, Au-

gust 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1625_s1.

Hsieh:1975:VMNb

[267] Din-Yu Hsieh. Variational method and nonlinear oscillations and waves. *Journal of Mathematical Physics*, 16(8):1630–1636, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1630_s1.

Torruella:1975:RTD

[268] A. J. Torruella. Representations of the three-dimensional rotation group by the direct method. *Journal of Mathematical Physics*, 16(8):1637–1642, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1637_s1.

Hjalmars:1975:SEM

[269] Stig Hjalmars. The symmetrical energy-momentum tensor derived by parametrization. *Journal of Mathematical Physics*, 16(8):1643–1645, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1643_s1.

Scull:1975:HSS

[270] Sidney C. Scull. Heisenberg subgroups of semisimple Lie groups. *Journal of Mathematical Physics*, 16(8):1646–1648, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1646_s1.

Brydges:1975:BBF

[271] David Brydges. Boundedness below for fermion model theories. I. *Journal of Mathematical Physics*, 16(8):1649–1661, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1649_s1.

Duneau:1975:DCI

[272] M. Duneau, B. Souillard, and D. Iagolnitzer. Decay of correlations for infinite-range interactions. *Journal of Mathematical Physics*, 16(8):1662–1666, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1662_s1.

Dietz:1975:CEM

[273] David Dietz and William Greenberg. The conditional entropy in the microcanonical ensemble. *Journal of Mathematical Physics*, 16(8):1667–1671, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1667_s1.

Srinivas:1975:FQP

[274] M. D. Srinivas. Foundations of a quantum probability theory. *Journal of Mathematical Physics*, 16(8):1672–1685, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1672_s1.

Maia:1975:ESG

[275] M. D. Maia. Elementary systems in general relativity. *Journal of Mathematical Physics*, 16(8):1686–1691, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1686_s1.

Burdet:1975:RCE

[276] G. Burdet and M. Perrin. Realizations of the central extension of the inhomogeneous symplectic algebra as time dependent invariance algebras of nonrelativistic quantum systems. *Journal of Mathematical Physics*, 16(8):1692–1703, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1692_s1.

McLaughlin:1975:EFE

[277] D. W. McLaughlin. Erratum: "Four examples of the inverse method as a canonical transformation". *Journal of Mathematical Physics*, 16(8):1704, August 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i8/p1704_s1. See [30].

Sullivan:1975:OPD

[278] John J. Sullivan. Orthonormality properties of double coset matrix elements. *Journal of Mathematical Physics*, 16(9):1707–1709, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1707_s1.

Gautrin:1975:GRB

[279] Henri-François Gautrin. Generalized P-representation for bounded operators. *Journal of Mathematical Physics*, 16(9):1710–1713, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1710_s1.

Cawley:1975:JPC

[280] Robert G. Cawley. Jacobi's principle for the case of time-varying Hamiltonian. *Journal of Mathematical Physics*, 16(9):1714–1718, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1714_s1.

Hoenders:1975:SPR

[281] B. J. Hoenders. On the solution of the phase retrieval problem. *Journal of Mathematical Physics*, 16(9):1719–1725, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1719_s1.

Mano:1975:RGF

[282] Koichi Mano. Remarks on the Green's functions for the cubic lattices. *Journal of Mathematical Physics*, 16(9):1726–1728, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1726_s1.

Fanelli:1975:CTP

[283] Robert Fanelli. Canonical transformations and path integrals. *Journal of Mathematical Physics*, 16(9):1729–1732, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1729_s1.

Schlup:1975:VPB

[284] W. A. Schlup. A variational principle for the Boltzmann equation for hot electrons in a semiconductor. *Journal of Mathematical Physics*, 16(9):1733–1734, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1733_s1.

MacGillivray:1975:UCP

[285] A. D. MacGillivray. On Ursell's combinatorial problem. *Journal of Mathematical Physics*, 16(9):1735–1738, September 1975. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1735_s1`.

Vasholz:1975:DSQ

[286] David P. Vasholz. Discrete space quantum mechanics. *Journal of Mathematical Physics*, 16(9):1739–1745, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1739_s1`.

Lee:1975:ROA

[287] S. W. Lee and J. Boersma. Ray-optical analysis of fields on shadow boundaries of two parallel plates. *Journal of Mathematical Physics*, 16(9):1746–1764, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1746_s1`.

Meetz:1975:GDG

[288] Kurt Meetz. Gauge dependence of Green's functions in quantum electrodynamics from parallel translation. *Journal of Mathematical Physics*, 16(9):1765–1771, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1765_s1`.

Hori:1975:STEc

[289] Motoo Hori. Statistical theory of effective electrical, thermal and magnetic properties of random heterogeneous materials. VI. Comment on the notion of a cell material. *Journal of Mathematical Physics*, 16(9):1772–1775, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1772_s1`.

Arik:1975:OAD

[290] M. Arik, D. D. Coon, and Yuk ming Lam. Operator algebra of dual resonance models. *Journal of Mathematical Physics*, 16(9):1776–1779, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1776_s1`.

Peters:1975:NGD

[291] P. C. Peters. Null geodesic deviation. I. Conformally flat space–times. *Journal of Mathematical Physics*, 16(9):1780–1785, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1780_s1.

Morrison:1975:PHF

[292] J. A. Morrison. Propagation of high frequency surface waves along cylinders of general cross-section. *Journal of Mathematical Physics*, 16 (9):1786–1794, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1786_s1.

Wilson:1975:PHF

[293] L. O. Wilson and J. A. Morrison. Propagation of high frequency elastic surface waves along cylinders of general cross section. *Journal of Mathematical Physics*, 16(9):1795–1805, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1795_s1.

Winicour:1975:ASA

[294] Jeffrey Winicour. All stationary axisymmetric rotating dust metrics. *Journal of Mathematical Physics*, 16(9):1806–1808, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1806_s1.

Monroe:1975:CIT

[295] James L. Monroe. Correlation inequalities for two-dimensional vector spin systems. *Journal of Mathematical Physics*, 16(9):1809–1812, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1809_s1.

Boya:1975:DPG

[296] Luis J. Boya, Jose F. Cariñena, and Mariano Santander. Dilatations and the Poincaré group. *Journal of Mathematical Physics*, 16(9):1813–1815, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1813_s1.

Gruber:1975:PLR

[297] B. Gruber and A. U. Klimyk. Properties of linear representations with a highest weight for the semisimple Lie algebras. *Journal of Mathematical Physics*, 16(9):1816–1832, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1816_s1.

Huq:1975:PIM

[298] M. Huq. Path integral method for superfields. *Journal of Mathematical Physics*, 16(9):1833–1837, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1833_s1.

Lerche:1975:RFT

[299] I. Lerche and E. N. Parker. Random function theory revisited: Exact solutions versus the first order smoothing conjecture. *Journal of Mathematical Physics*, 16(9):1838–1839, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1838_s1.

Mangiarotti:1975:TDN

[300] Luigi Mangiarotti. A three-dimensional neutron transport problem. *Journal of Mathematical Physics*, 16(9):1840–1843, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1840_s1.

Kennedy:1975:HFC

[301] Frederick James Kennedy. Hamiltonian formulation of the classical two-charge problem in straight-line approximation. *Journal of Mathematical Physics*, 16(9):1844–1856, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1844_s1.

Wreszinski:1975:PSG

[302] Walter F. Wreszinski. On properties of the singularity of the ground state in certain classical Heisenberg models. *Journal of Mathematical Physics*, 16(9):1857–1859, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1857_s1.

Thorne:1975:TSV

[303] Kip S. Thorne. A toroidal solution of the vacuum Einstein field equations. *Journal of Mathematical Physics*, 16(9):1860–1865, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1860_s1.

Moshinsky:1975:CTAb

[304] M. Moshinsky and J. Patera. Canonical transformations and accidental degeneracy. IV. Problems with continuous spectra. *Journal of Mathematical Physics*, 16(9):1866–1875, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1866_s1.

Chacon:1975:ECW

[305] E. Chacón, D. Levi, and M. Moshinsky. Equivalence of a class of Wigner coefficients of $\mathrm{SU}(1,1)$ with those of $\mathrm{SU}(2)$. *Journal of Mathematical Physics*, 16(9):1876–1879, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1876_s1.

Johnson:1975:MSI

[306] Porter W. Johnson and Robert L. Warnock. Marginally singular integral equation with divided-difference kernel: a problem in N/D theory. *Journal of Mathematical Physics*, 16(9):1880–1885, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1880_s1.

Frederiksen:1975:RAT

[307] Jørgen S. Frederiksen, Porter W. Johnson, and Robert L. Warnock. Regge amplitudes through solution of S-matrix equations. *Journal of Mathematical Physics*, 16(9):1886–1900, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1886_s1.

Girardeau:1975:SQR

[308] M. D. Girardeau. Second-quantization representation for a nonrelativistic system of composite particles. I. Generalized Tani transformation and its iterative evaluation. *Journal of Mathematical Physics*, 16 (9):1901–1919, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1901_s1.

Hillion:1975:BSD

[309] P. Hillion. Borel summability and distribution. *Journal of Mathematical Physics*, 16(9):1920–1927, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1920_s1.

Aks:1975:SED

[310] S. Ø. Aks, B. B. Varga, and J. J. Sienicki. Small energy denominators in interacting quantum systems: Bound states. *Journal of Mathematical Physics*, 16(9):1928–1933, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1928_s1`.

Shay:1975:TTA

[311] D. Shay. Theory of tachyons for arbitrary spin. *Journal of Mathematical Physics*, 16(9):1934–1938, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1934_s1`.

Pereira:1975:ND

[312] C. Martin Pereira. Nonmetrical dynamics. I. *Journal of Mathematical Physics*, 16(9):1939–1944, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1939_s1`.

Hioe:1975:QTA

[313] F. T. Hioe and E. W. Montroll. Quantum theory of anharmonic oscillators. I. Energy levels of oscillators with positive quartic anharmonicity. *Journal of Mathematical Physics*, 16(9):1945–1955, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1945_s1`.

Newman:1975:MIF

[314] Charles M. Newman. Moment inequalities for ferromagnetic Gibbs distributions. *Journal of Mathematical Physics*, 16(9):1956–1959, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1956_s1`.

Sullivan:1975:EDC

[315] John J. Sullivan. Erratum: "Double coset analysis for symmetry adapting Nth rank tensors of $\mathrm{U}(n)$ to its unitary subgroups". *Journal of Mathematical Physics*, 16(9):1959, September 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i9/p1959_s1`. See [133].

Schulten:1975:ERE

[316] Klaus Schulten and Roy G. Gordon. Exact recursive evaluation of $3j$- and $6j$-coefficients for quantum-mechanical coupling of angular momenta. *Journal of Mathematical Physics*, 16(10):1961–1970, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p1961_s1`.

Schulten:1975:SAC

[317] Klaus Schulten and Roy G. Gordon. Semiclassical approximations to $3j$- and $6j$-coefficients for quantum-mechanical coupling of angular momenta. *Journal of Mathematical Physics*, 16(10):1971–1988, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p1971_s1`.

Fesciyan:1975:IPS

[318] S. Fesciyan and H. L. Frisch. An inverse problem in statistical mechanics. *Journal of Mathematical Physics*, 16(10):1989–1991, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p1989_s1`.

Cornwell:1975:DDI

[319] J. F. Cornwell. Direct determination of the Iwasawa decomposition for noncompact semisimple Lie algebras. *Journal of Mathematical Physics*, 16(10):1992–1999, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p1992_s1`.

Blinder:1975:TPC

[320] S. M. Blinder. Two-point characteristic function for the Kepler–Coulomb problem. *Journal of Mathematical Physics*, 16(10):2000–2004, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2000_s1`.

Hasse:1975:QMT

[321] Rainer W. Hasse. On the quantum mechanical treatment of dissipative systems. *Journal of Mathematical Physics*, 16(10):2005–2011, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2005_s1`.

LoDato:1975:RPO

[322] Vincent A. LoDato. The renormalized projection operator technique for nonlinear stochastic equations. III. *Journal of Mathematical Physics*, 16(10):2012–2016, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2012_s1`.

Mello:1975:NCT

[323] P. A. Mello and M. Moshinsky. Nonlinear canonical transformations and their representations in quantum mechanics. *Journal of Mathematical Physics*, 16(10):2017–2028, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2017_s1`.

Cho:1975:HDU

[324] Y. M. Cho. Higher-dimensional unifications of gravitation and gauge theories. *Journal of Mathematical Physics*, 16(10):2029–2035, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2029_s1`.

Kaup:1975:EQN

[325] D. J. Kaup. Exact quantization of the nonlinear Schrödinger equation. *Journal of Mathematical Physics*, 16(10):2036–2041, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2036_s1`.

Henderson:1975:PSO

[326] Douglas Henderson and Masao Chen. Perturbative solution to order $\beta\epsilon$ of the Percus–Yevick equation for the square-well potential. *Journal of Mathematical Physics*, 16(10):2042–2049, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2042_s1`.

Sharp:1975:ILO

[327] R. T. Sharp. Internal-labeling operators. *Journal of Mathematical Physics*, 16(10):2050–2053, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2050_s1`.

Liu:1975:AFT

[328] Kuang Chi Liu. An asymptotic formula for the twisted product of distributions. *Journal of Mathematical Physics*, 16(10):2054–2056, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2054_s1`.

Chen:1975:MEQ

[329] Etang Chen. Master equations in quantum stochastic processes. *Journal of Mathematical Physics*, 16(10):2057–2061, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2057_s1`.

Pais:1975:SGL

[330] A. Pais and V. Rittenberg. Semisimple graded Lie algebras. *Journal of Mathematical Physics*, 16(10):2062–2073, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2062_s1`. See erratum [505].

Papanicolaou:1975:TES

[331] G. C. Papanicolaou and R. Burridge. Transport equations for the Stokes parameters from Maxwell's equations in a random medium. *Journal of Mathematical Physics*, 16(10):2074–2085, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2074_s1`.

Fannes:1975:GTN

[332] M. Fannes and A. Verbeure. Gauge transformations and normal states of the CCR. *Journal of Mathematical Physics*, 16(10):2086–2088, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2086_s1`. See erratum [452].

Felber:1975:NCE

[333] Franklin S. Felber and John H. Marburger. New class of exact solutions of the Dirac equation. *Journal of Mathematical Physics*, 16(10):2089–2092, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2089_s1`.

Hurley:1975:DRW

[334] William J. Hurley and E. C. G. Sudarshan. On the determination of the relativistic wave equations associated with a given representation of SL$(2, C)$. *Journal of Mathematical Physics*, 16(10):2093–2098, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2093_s1`.

Djukic:1975:SGA

[335] Dj. Djukic and B. Vujanovic. On some geometrical aspects of classical nonconservative mechanics. *Journal of Mathematical Physics*, 16(10):2099–2102, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2099_s1`.

Calogero:1975:CPA

[336] F. Calogero and F. Palumbo. Convergence of the perturbative approach to the N-body problem in the $N \to \infty$ limit. *Journal of Mathematical Physics*, 16(10):2103–2105, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2103_s1`.

Mahanta:1975:PUG

[337] M. N. Mahanta. A possible unification of gravitation and electrodynamics both for spinless and spinning media. *Journal of Mathematical Physics*, 16(10):2106–2108, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2106_s1`.

Singh:1975:SST

[338] T. Singh. Solutions of a scalar-tensor theory from Einstein's theory. *Journal of Mathematical Physics*, 16(10):2109–2111, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2109_s1`.

Schroeck:1975:COQ

[339] F. E. Schroeck, Jr. Cores for operators in quantum mechanics. *Journal of Mathematical Physics*, 16(10):2112–2113, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2112_s1`.

Hammel:1975:ESS

[340] William C. Hammel. An exact spherically symmetric local solution in a class of "strong" and "weak" two-tensor gravity theories. *Journal of Mathematical Physics*, 16(10):2114–2122, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2114_s1.

Ktorides:1975:CAA

[341] C. N. Ktorides. A Clifford algebraic approach to superfields and some consequences. *Journal of Mathematical Physics*, 16(10):2123–2129, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2123_s1.

Ktorides:1975:NLA

[342] C. N. Ktorides. A non-Lie algebraic framework and its possible merits for symmetry descriptions. *Journal of Mathematical Physics*, 16(10):2130–2141, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2130_s1.

Gross:1975:ESF

[343] Fred Gross, Charles F. Osgood, and Chung-Chun Yang. On the entire solutions of a functional equation in the theory of fluids. *Journal of Mathematical Physics*, 16(10):2142–2147, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2142_s1.

Huestis:1975:SPS

[344] David L. Huestis. A superposition principle for Siegert resonant states. *Journal of Mathematical Physics*, 16(10):2148–2152, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2148_s1.

Budgor:1975:SST

[345] Aaron B. Budgor. Surface scattering on topological networks. *Journal of Mathematical Physics*, 16(10):2153–2165, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2153_s1.

Pao:1975:PST

[346] C. V. Pao. Positive solution of a time and energy dependent neutron transport problem. *Journal of Mathematical Physics*, 16(10):2166–2171, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2166_s1.

Burdet:1975:HSA

[347] G. Burdet and M. Perrin. The Hamiltonians of the Schrödinger algebra. *Journal of Mathematical Physics*, 16(10):2172–2176, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2172_s1.

Mirman:1975:DGI

[348] R. Mirman. Differential geometry and internal symmetry. *Journal of Mathematical Physics*, 16(10):2177–2179, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2177_s1.

Couch:1975:ENS

[349] W. E. Couch and R. J. Torrence. Erratum: "Nonspreading solutions of the inhomogeneous scalar wave equation". *Journal of Mathematical Physics*, 16(10):2180, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2180_s2. See [153].

DeFacio:1975:EHC

[350] B. DeFacio. Erratum: "Heat conduction model with finite signal speed". *Journal of Mathematical Physics*, 16(10):2180, October 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i10/p2180_s1. See [167].

Park:1975:EQF

[351] Yong Moon Park. The $\lambda\phi_3^4$ Euclidean quantum field theory in a periodic box. *Journal of Mathematical Physics*, 16(11):2183–2188, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2183_s1.

Zucker:1975:NJF

[352] I. J. Zucker. New Jacobian ϑ functions and the evaluation of lattice sums. *Journal of Mathematical Physics*, 16(11):2189–2191, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2189_s1. See erratum [544] and comment [775].

Narnhofer:1975:SAO

[353] Heide Narnhofer. Self-adjoint operators, derivations and automorphisms on $C*$-algebras. *Journal of Mathematical Physics*, 16(11):2192–2196, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2192_s1.

Kollmann:1975:CSF

[354] W. Kollmann. Calculation of special functional integrals. *Journal of Mathematical Physics*, 16(11):2197–2200, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2197_s1.

Mizrahi:1975:WCP

[355] Maurice M. Mizrahi. The Weyl correspondence and path integrals. *Journal of Mathematical Physics*, 16(11):2201–2206, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2201_s1.

Wang:1975:IIF

[356] Alan P. Wang. Invariant imbedding and the Fredholm integral equation. *Journal of Mathematical Physics*, 16(11):2207–2209, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2207_s1.

Hobson:1975:EPP

[357] Arthur Hobson. Ergodic properties of a particle moving elastically inside a polygon. *Journal of Mathematical Physics*, 16(11):2210–2214, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2210_s1.

Boyer:1975:AOS

[358] Charles P. Boyer and Kurt Bernardo Wolf. The 2:1 anisotropic oscillator, separation of variables and symmetry group in Bargmann space. *Journal of Mathematical Physics*, 16(11):2215–2223, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2215_s1.

Kelson:1975:SAT

[359] I. Kelson and G. Shadmon. Space averaging techniques of determinantal measures. *Journal of Mathematical Physics*, 16(11):2224–2232, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2224_s1.

Abbati:1975:HB

[360] Maria C. Abbati, Renzo Cirelli, and Franco Gallone. *G*-Hilbert bundles. *Journal of Mathematical Physics*, 16(11):2233–2240, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2233_s1.

Brennan:1975:UMS

[361] B. J. Brennan. Unequal mass spinor-spinor Bethe–Salpeter equation. *Journal of Mathematical Physics*, 16(11):2241–2249, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2241_s1.

Finkelstein:1975:KE

[362] David Finkelstein and Gin McCollum. Kinks and extensions. *Journal of Mathematical Physics*, 16(11):2250–2259, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2250_s1.

Sahni:1975:NTP

[363] D. C. Sahni. Neutron transport problems in a spherical shell. *Journal of Mathematical Physics*, 16(11):2260–2270, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2260_s1.

Henrich:1975:GSC

[364] Christopher J. Henrich. The Gel'fand states of certain representations of U(n) and the decomposition of products of representations of U(2).

Journal of Mathematical Physics, 16(11):2271–2288, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2271_s1.

Seiler:1975:FMR

[365] Erhard Seiler and Barry Simon. On finite mass renormalizations in the two-dimensional Yukawa model. *Journal of Mathematical Physics*, 16 (11):2289–2293, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2289_s1.

Kinoshita:1975:AMZ

[366] Toichiro Kinoshita and Jnanadeva Maharana. Average multiplicity and the zeros of multiparticle generating function. *Journal of Mathematical Physics*, 16(11):2294–2300, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2294_s1.

Ablowitz:1975:RCN

[367] Mark J. Ablowitz and Richard Haberman. Resonantly coupled nonlinear evolution equations. *Journal of Mathematical Physics*, 16(11):2301–2305, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2301_s1.

McLenaghan:1975:NSE

[368] Raymond G. McLenaghan and Nessim Tariq. A new solution of the Einstein–Maxwell equations. *Journal of Mathematical Physics*, 16(11): 2306–2312, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2306_s1.

Ekstein:1975:MMC

[369] H. Ekstein. Macroscopic and microscopic, coherent and incoherent variables. *Journal of Mathematical Physics*, 16(11):2313–2317, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2313_s1.

Bessis:1975:MCV

[370] D. Bessis, P. Moussa, and M. Villani. Monotonic converging variational approximations to the functional integrals in quantum statistical me-

chanics. *Journal of Mathematical Physics*, 16(11):2318–2325, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2318_s1.

Hsue:1975:NCQ

[371] C. S. Hsue. Normal coordinates and quantization of nonlinear fields by Feynman's path integral. *Journal of Mathematical Physics*, 16(11):2326–2327, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2326_s1.

deDormale:1975:SRD

[372] Bernard M. de Dormale and Henri-François Gautrin. Spectral representation and decomposition of self-adjoint operators. *Journal of Mathematical Physics*, 16(11):2328–2332, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2328_s1.

Jorna:1975:ESC

[373] S. Jorna. Expansions for simple cubic lattice Green's functions. *Journal of Mathematical Physics*, 16(11):2333–2338, November 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i11/p2333_s1.

Menikoff:1975:RLC

[374] Ralph Menikoff and David H. Sharp. Representations of a local current algebra: Their dynamical determination. *Journal of Mathematical Physics*, 16(12):2341–2352, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2341_s1.

Menikoff:1975:ARL

[375] Ralph Menikoff and David H. Sharp. Approximate representations of a local current algebra. *Journal of Mathematical Physics*, 16(12):2353–2360, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2353_s1.

Glass:1975:WTS

[376] E. N. Glass. The Weyl tensor and shear-free perfect fluids. *Journal of Mathematical Physics*, 16(12):2361–2363, December 1975. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2361_s1`.

Gannon:1975:SNC

[377] Dennis Gannon. Singularities in nonsimply connected space–times. *Journal of Mathematical Physics*, 16(12):2364–2367, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2364_s1`.

Matsuno:1975:EQM

[378] Koichiro Matsuno. Ergodicity of quantum mechanical systems. *Journal of Mathematical Physics*, 16(12):2368–2371, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2368_s1`.

Maekawa:1975:NCF

[379] Takayoshi Maekawa. Note on the computation formula of the boost matrices of $\mathrm{SO}(n-1,1)$ and continuation to the d matrices of $\mathrm{SO}(n)$. *Journal of Mathematical Physics*, 16(12):2372–2374, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2372_s1`.

Couch:1975:RMF

[380] W. E. Couch and R. J. Torrence. Retarded multipole fields and the inhomogeneous wave equation. *Journal of Mathematical Physics*, 16 (12):2375–2377, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2375_s1`.

Sinha:1975:CPS

[381] B. P. Sinha and R. H. MacPhie. On the computation of the prolate spheroidal radial functions of the second kind. *Journal of Mathematical Physics*, 16(12):2378–2381, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2378_s1`.

Chen:1975:BTT

[382] Hsing-Hen Chen. A Bäcklund transformation in two dimensions. *Journal of Mathematical Physics*, 16(12):2382–2384, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2382_s1`.

Gurses:1975:LCT

[383] Metin Gürses and Feza Gürsey. Lorentz covariant treatment of the Kerr–Schild geometry. *Journal of Mathematical Physics*, 16(12):2385–2390, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2385_s1.

Nachamkin:1975:DUY

[384] Jack Nachamkin. Direct use of Young tableau algebra to generate the Clebsch–Gordan coefficients of SU(2). *Journal of Mathematical Physics*, 16(12):2391–2394, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2391_s1.

Plebanski:1975:SSC

[385] J. F. Plebañski. Some solutions of complex Einstein equations. *Journal of Mathematical Physics*, 16(12):2395–2402, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2395_s1.

Plebanski:1975:NGS

[386] J. F. Plebañski and S. Hacyan. Null geodesic surfaces and Goldberg–Sachs theorem in complex Riemannian spaces. *Journal of Mathematical Physics*, 16(12):2403–2407, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2403_s1.

Louck:1975:SPC

[387] J. D. Louck, M. A. Lohe, and L. C. Biedenharn. Structural properties of the canonical U(3) Racah functions and the U(3): U(2) projective functions. *Journal of Mathematical Physics*, 16(12):2408–2426, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2408_s1.

Quesne:1975:GTP

[388] C. Quesne. Group theory and propagation of operator averages. *Journal of Mathematical Physics*, 16(12):2427–2431, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2427_s1.

Sorkin:1975:EFS

[389] Rafael Sorkin. The electromagnetic field on a simplicial net. *Journal of Mathematical Physics*, 16(12):2432–2440, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2432_s1. See erratum [1415].

Grmela:1975:DST

[390] Miroslav Grmela. Dynamic stability and thermodynamics in kinetic theory and fluid mechanics. *Journal of Mathematical Physics*, 16(12):2441–2449, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2441_s1.

Grmela:1975:LTB

[391] Miroslav Grmela. Long time behavior of solutions to the linearized two component Enskog–Vlasov kinetic equations. *Journal of Mathematical Physics*, 16(12):2450–2457, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2450_s1.

Zimmerman:1975:SGC

[392] John Charles Zimmerman. Solutions for the general cylindrically symmetric stationary dust model. *Journal of Mathematical Physics*, 16 (12):2458–2460, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2458_s1.

Kumei:1975:ITI

[393] Sukeyuki Kumei. Invariance transformations, invariance group transformations and invariance groups of the Sine-Gordon equations. *Journal of Mathematical Physics*, 16(12):2461–2468, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2461_s1.

Halpern:1975:GTS

[394] Francis R. Halpern. General techniques for single and coupled quantum anharmonic oscillators. *Journal of Mathematical Physics*, 16(12):2469–2475, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2469_s1.

Havas:1975:SVHb

[395] Peter Havas. Separation of variables in the Hamilton–Jacobi, Schrödinger and related equations. II. Partial separation. *Journal of Mathematical Physics*, 16(12):2476–2489, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2476_s1`.

Liron:1975:SSV

[396] N. Liron and H. E. Wilhelm. Similarity solution for viscous and thermal gas flow in a cone. *Journal of Mathematical Physics*, 16(12):2490–2493, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2490_s1`.

Rabl:1975:SCG

[397] Veronika Rabl, George Campbell, and Kameshwar C. Wali. SU(4) Clebsch–Gordan coefficients. *Journal of Mathematical Physics*, 16(12):2494–2506, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2494_s1`.

Rabl:1975:CGC

[398] V. Rabl, G. Campbell, Jr., and K. C. Wali. SU(4) Clebsch–Gordan coefficients. *Journal of Mathematical Physics*, 16(12):2495–2506, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

Kalnins:1975:LTS

[399] E. G. Kalnins and Willard Miller, Jr. Lie theory and separation of variables. 8. Semisubgroup coordinates for $\Psi_{tt} - \Delta_2 \Psi = 0$. *Journal of Mathematical Physics*, 16(12):2507–2516, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2507_s1`.

Singh:1975:CSS

[400] T. Singh. Cylindrically symmetric solutions of a scalar-tensor theory of gravitation. *Journal of Mathematical Physics*, 16(12):2517–2519, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2517_s1`.

Meisel:1975:SGI

[401] L. V. Meisel, D. M. Gray, and E. Brown. The structure of groups with index-3 subgroups and Landau's second theorem. *Journal of Mathematical Physics*, 16(12):2520–2521, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2520_s1.

Bracci:1975:LCQ

[402] L. Bracci and F. Strocchi. Local and covariant quantizations of linearized Einstein's equations. II. *Journal of Mathematical Physics*, 16(12):2522–2526, December 1975. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v16/i12/p2522_s1.

Tabensky:1976:UGG

[403] R. Tabensky. Unification of gauge and gravitation theories. *Journal of Mathematical Physics*, 17(1):1–5, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p1_s1.

Raju:1976:GKP

[404] Cvavb Chandra Raju. Generalized Källén–Pauli equation. *Journal of Mathematical Physics*, 17(1):6–12, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p6_s1.

Yao:1976:ANP

[405] Te Hai Yao. On analytic nonlocal potentials. IV. A closed contour dispersion relation. *Journal of Mathematical Physics*, 17(1):13–16, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p13_s1.

Lerche:1976:CQK

[406] I. Lerche. On conserved quantities in kinematic dynamo theory. *Journal of Mathematical Physics*, 17(1):17–23, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p17_s1.

Post:1976:PMR

[407] G. Post. Properties of massless relativistic fields under the conformal group. *Journal of Mathematical Physics*, 17(1):24–32, January 1976. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p24_s1`.

Maheshwari:1976:GWF

[408] Amar Maheshwari. The generalized Wiener–Feynman path integrals. *Journal of Mathematical Physics*, 17(1):33–36, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p33_s1`.

Lord:1976:TSE

[409] Eric A. Lord. A theorem on stress-energy tensors (in general relativity). *Journal of Mathematical Physics*, 17(1):37–38, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p37_s1`.

Held:1976:KVE

[410] A. Held. Killing vectors in empty space algebraically special metrics. II. *Journal of Mathematical Physics*, 17(1):39–45, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p39_s1`.

Dollard:1976:IKI

[411] John D. Dollard. Interpretation of Kato's invariance principle in scattering theory. *Journal of Mathematical Physics*, 17(1):46–51, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p46_s1`.

Economou:1976:WCT

[412] John E. Economou and Frederick J. Ernst. Weyl conform tensor of $\delta = 2$ Tomimatsu–Sato spinning mass gravitational field. *Journal of Mathematical Physics*, 17(1):52–53, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p52_s1`.

Ernst:1976:BHM

[413] Frederick J. Ernst. Black holes in a magnetic universe. *Journal of Mathematical Physics*, 17(1):54–56, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i1/p54_s1`.

Spohn:1976:SLN

[414] Herbert Spohn. The spectrum of the Liouville–von Neumann operator. *Journal of Mathematical Physics*, 17(1):57–60, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p57_s1. See [776].

Kapoor:1976:SNL

[415] A. K. Kapoor. On superpropagator for nonpolynomial Lagrangians with internal symmetry. *Journal of Mathematical Physics*, 17(1):61–62, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p61_s1.

Gherman:1976:SES

[416] O. Gherman and L. Méder. Some examples of symmetrical perturbation problems in several complex variables. *Journal of Mathematical Physics*, 17(1):63–68, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p63_s1.

Yan:1976:DNN

[417] C. C. Yan. Determination of nearest neighbor degeneracy on a one-dimensional lattice. *Journal of Mathematical Physics*, 17(1):69–72, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p69_s1.

Moses:1976:SKV

[418] H. E. Moses. A solution of the Korteweg–de Vries equation in a half-space bounded by a wall. *Journal of Mathematical Physics*, 17(1):73–75, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p73_s1.

Bowden:1976:MNTa

[419] R. L. Bowden, S. Sancaktar, and P. F. Zweifel. Multigroup neutron transport. I. Full range. *Journal of Mathematical Physics*, 17(1):76–81, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p76_s1.

Bowden:1976:MNTb

[420] R. L. Bowden, S. Sancaktar, and P. F. Zweifel. Multigroup neutron transport. II. Half-range. *Journal of Mathematical Physics*, 17(1):82–86, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p82_s1.

Klein:1976:UBE

[421] Abel Klein and Lawrence J. Landau. An upper bound on the energy gap in the $(\lambda\phi^4 + \sigma\phi^2)_2$ model. *Journal of Mathematical Physics*, 17(1):87–93, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p87_s1.

Bohm:1976:SGG

[422] Arno Bohm and R. B. Teese. Spectrum generating group of the symmetric top molecule. *Journal of Mathematical Physics*, 17(1):94–108, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p94_s1.

Wreszinski:1976:GTQ

[423] Walter F. Wreszinski. Goldstone's theorem for quantum spin systems of finite range. *Journal of Mathematical Physics*, 17(1):109–111, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p109_s1.

Kriegsmann:1976:AMG

[424] Gregory A. Kriegsmann. An application of the method of geometrical optics to the scattering of plane electromagnetic waves off cylindrically confined cold plasmas. *Journal of Mathematical Physics*, 17(1):112–120, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p112_s1.

Eminhizer:1976:CNP

[425] Charles R. Eminhizer, Robert H. G. Helleman, and Elliott W. Montroll. On a convergent nonlinear perturbation theory without small denominators or secular terms. *Journal of Mathematical Physics*, 17(1):121–140, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p121_s1.

Jang:1976:PEC

[426] Pong Soo Jang. On the positive energy conjecture, (in general relativity). *Journal of Mathematical Physics*, 17(1):141–145, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p141_s1.

Christian:1976:SIV

[427] W. G. Christian, A. G. Law, W. F. Martens, A. L. Mullikin, and M. B. Sledd. Solution of initial-value problems for some infinite chains of harmonic oscillators. *Journal of Mathematical Physics*, 17(1):146–158, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p146_s1.

Adler:1976:EFS

[428] Ronald J. Adler. Erratum: "A fluid sphere in general relativity". *Journal of Mathematical Physics*, 17(1):158, January 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i1/p158_s1. See [4].

Greenberg:1976:FCS

[429] William Greenberg. Functional calculus for the symmetric multigroup transport operator. *Journal of Mathematical Physics*, 17(2):159–162, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p159_s1.

Greenberg:1976:CEE

[430] William Greenberg and Paul F. Zweifel. The Case eigenfunction expansion for a conservative medium. *Journal of Mathematical Physics*, 17(2):163–167, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p163_s1.

Miodek:1976:IPC

[431] Ilia Miodek. Inverse problem for complex "r^a-analytic" potentials of finite range. *Journal of Mathematical Physics*, 17(2):168–173, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p168_s1.

Hawking:1976:NTC

[432] S. W. Hawking, A. R. King, and P. J. McCarthy. A new topology for curved space–time which incorporates the causal, differential, and conformal structures. *Journal of Mathematical Physics*, 17(2):174–181, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p174_s1.

Ernst:1976:KBH

[433] Frederick J. Ernst and Walter J. Wild. Kerr black holes in a magnetic universe. *Journal of Mathematical Physics*, 17(2):182–184, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p182_s1.

Basu:1976:MAF

[434] Debabrata Basu and S. Datta Majumdar. The master analytic function and the Lorentz group. I. Reduction of the representations of $O(3,1)$ in $O(2,1)$ basis. *Journal of Mathematical Physics*, 17(2):185–192, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p185_s1.

Majumdar:1976:MAF

[435] S. Datta Majumdar. The master analytic function and the Lorentz group. II. The Clebsch–Gordan problem for $O(2,1)$. *Journal of Mathematical Physics*, 17(2):193–197, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p193_s1.

Cheng:1976:NIR

[436] Kuo shung Cheng. New identities on the Riemann tensor. *Journal of Mathematical Physics*, 17(2):198–199, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p198_s1.

Federbush:1976:SEAa

[437] Paul Federbush. The semi-Euclidean approach in statistical mechanics. I. Basic expansion steps and estimates. *Journal of Mathematical Physics*, 17(2):200–203, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p200_s1.

Federbush:1976:SEAb

[438] Paul Federbush. The semi-Euclidean approach in statistical mechanics. II. The cluster expansion, a special example. *Journal of Mathematical Physics*, 17(2):204–207, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p204_s1.

Fuchs:1976:SNP

[439] V. Fuchs and G. Beaudry. Stability of nonlinear parametric-decay interactions in finite homogeneous plasma. *Journal of Mathematical Physics*, 17(2):208–213, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p208_s1.

Murray:1976:GTP

[440] J. C. Murray. Gurtin-type properties associated with wave propagation in a superfluid. *Journal of Mathematical Physics*, 17(2):214–216, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p214_s1.

Bazanski:1976:GFT

[441] Stanislaw L. Bażański. A geometric formulation of the Taylor theorem for curves in affine manifolds. *Journal of Mathematical Physics*, 17(2):217–221, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p217_s1.

Khoo:1976:MTS

[442] I. C. Khoo and Y. K. Wang. Multiple time scale analysis of an anharmonic crystal. *Journal of Mathematical Physics*, 17(2):222–227, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p222_s1.

Freund:1976:SS

[443] Peter G. O. Freund and Irving Kaplansky. Simple supersymmetries. *Journal of Mathematical Physics*, 17(2):228–231, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p228_s1.

Varatharajulu:1976:AST

[444] V. Varatharajulu and D. J. Vezzetti. Approach of the statistical theory of light scattering to the phenomenological theory. *Journal of Mathematical Physics*, 17(2):232–240, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p232_s1.

Yao:1976:CQF

[445] Te Hai Yao. Construction of quantum fields from Euclidean tensor fields. *Journal of Mathematical Physics*, 17(2):241–247, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p241_s1.

Deliyannis:1976:SSS

[446] Platon C. Deliyannis. Superposition of states and the structure of quantum logics. *Journal of Mathematical Physics*, 17(2):248–254, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p248_s1.

Subbarao:1976:RGS

[447] K. Subbarao. Renormalization group for a system of continuous spins on a lattice. *Journal of Mathematical Physics*, 17(2):255–258, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p255_s1.

Hall:1976:APG

[448] George L. Hall. Asymptotic properties of generalized Chaba and Pathria lattice sums. *Journal of Mathematical Physics*, 17(2):259–260, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p259_s1.

Critchfield:1976:SPD

[449] Charles L. Critchfield. Scalar potentials in the Dirac equation. *Journal of Mathematical Physics*, 17(2):261–266, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p261_s1.

DeFacio:1976:BQF

[450] B. DeFacio and C. L. Hammer. Bilinear quantum field theories and their coherent states. *Journal of Mathematical Physics*, 17(2):267–281, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p267_s1.

Esposito:1976:WTS

[451] F. Paul Esposito and E. N. Glass. The Weyl tensor and stationary electrovac space–times. *Journal of Mathematical Physics*, 17(2):282–283, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p282_s1.

Fannes:1976:EGT

[452] M. Fannes and A. Verbeure. Erratum: "Gauge transformations and normal states of the CCR". *Journal of Mathematical Physics*, 17(2):284, February 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i2/p284_s1. See [332].

Belinfante:1976:TPS

[453] Johan G. F. Belinfante. Transition probability spaces (in axiomatic quantum theory). *Journal of Mathematical Physics*, 17(3):285–291, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p285_s1.

Tariq:1976:EMM

[454] N. Tariq and B. O. J. Tupper. Einstein–Maxwell metrics admitting a dual interpretation. *Journal of Mathematical Physics*, 17(3):292–296, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p292_s1.

Masson:1976:EPA

[455] D. Masson and E. Prugovečki. An effective-potential approach to stationary scattering theory for long-range potentials. *Journal of Mathematical Physics*, 17(3):297–302, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p297_s1.

Bisognano:1976:DCQ

[456] Joseph J. Bisognano and Eyvind H. Wichmann. On the duality condition for quantum fields. *Journal of Mathematical Physics*, 17(3):303–321, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p303_s1`.

Frey:1976:GCD

[457] Heinz Frey. Gauge-covariant differentiation and Green's functions for the Yang–Mills field. *Journal of Mathematical Physics*, 17(3):322–330, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p322_s1`.

Kalnins:1976:LTSa

[458] E. G. Kalnins and W. Miller, Jr. Lie theory and separation of variables. 9. orthogonal R-separable coordinate systems for the wave equation $\psi_{tt} - \Delta_2\psi = 0$. *Journal of Mathematical Physics*, 17(3):331–355, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p331_s1`.

Kalnins:1976:LTSb

[459] E. G. Kalnins and W. Miller, Jr. Lie theory and separation of variables. 10. Nonorthogonal R-separable solutions of the wave equation $\partial_{tt}\psi = \Delta_2\psi$. *Journal of Mathematical Physics*, 17(3):356–368, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p356_s1`.

Kalnins:1976:LTSc

[460] E. G. Kalnins and Willard Miller, Jr. Lie theory and separation of variables. 11. The EPD equation. *Journal of Mathematical Physics*, 17(3): 369–377, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p369_s1`.

Schulgasser:1976:PIR

[461] Kalman Schulgasser. On a phase interchange relationship for composite materials. *Journal of Mathematical Physics*, 17(3):378–381, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i3/p378_s1`.

Schulgasser:1976:CFR

[462] Kalman Schulgasser. On the conductivity of fiber reinforced materials. *Journal of Mathematical Physics*, 17(3):382–387, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p382_s1.

Davies:1976:LWN

[463] John A. Davies. Long-wavelength normal mode vibrations of infinite, ionic crystal lattices. II. *Journal of Mathematical Physics*, 17(3):388–393, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p388_s1.

Andrie:1976:SGA

[464] M. Andrié. Spectrum generating algebras and Lie groups in classical mechanics. *Journal of Mathematical Physics*, 17(3):394–400, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p394_s1.

Onofri:1976:DQK

[465] Enrico Onofri. Dynamical quantization of the Kepler manifold. *Journal of Mathematical Physics*, 17(3):401–408, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p401_s1.

Saenz:1976:EOC

[466] A. W. Sáenz and W. W. Zachary. On the equality of S operators corresponding to unitarity equivalent Hamiltonians in single channels scattering. *Journal of Mathematical Physics*, 17(3):409–418, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p409_s1. See [652].

Naudts:1976:BAK

[467] J. Naudts and A. Verbeure. Bounds on the admittance for KMS states. *Journal of Mathematical Physics*, 17(3):419–423, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p419_s1.

Freund:1976:CAS

[468] Peter G. O. Freund. Conformal algebra in superspace and supergauge theory. *Journal of Mathematical Physics*, 17(3):424–426, March 1976.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p424_s1.

Lesche:1976:TRP

[469] Bernhard Lesche. A theorem on Ruch's principle of nonequilibrium statistics. *Journal of Mathematical Physics*, 17(3):427–430, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p427_s1.

Girardeau:1976:MEM

[470] M. D. Girardeau. Matrix elements of multiple electron exchange between spin functions of maximum multiplicity. *Journal of Mathematical Physics*, 17(3):431–433, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p431_s1.

Strinati:1976:MED

[471] G. Strinati and U. Fano. Multipole expansion of the density of states about a crystal cell. *Journal of Mathematical Physics*, 17(3):434–438, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p434_s1.

Wu:1976:DTM

[472] F. Y. Wu and Y. K. Wang. Duality transformation in a many-component spin model. *Journal of Mathematical Physics*, 17(3):439–440, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p439_s1.

Kloster:1976:ESG

[473] S. Kloster, M. M. Som, and A. Das. Erratum: "On the stationary gravitational fields". *Journal of Mathematical Physics*, 17(3):441, March 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p441_s2. See [7].

Maekawa:1976:EFC

[474] Takayoshi Maekawa. Erratum: "Formula for the computation of the representation matrix elements of the group SO(n)". *Journal of Mathematical Physics*, 17(3):441, March 1976. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i3/p441_s1. See [70].

Hamilton:1976:IRF

[475] Eugene Hamilton. The infinitely renormalized field in the scalar field model. *Journal of Mathematical Physics*, 17(4):443–457, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p443_s1.

Machacek:1976:IFP

[476] M. Machacek and Y. Tomozawa. SU(6) isoscalar factors for the product $405 \times 56 \rightarrow 56, 70$. *Journal of Mathematical Physics*, 17(4):458–462, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p458_s1.

Rudra:1976:CGC

[477] P. Rudra and M. K. Sikdar. Clebsch–Gordan coefficients of magnetic space groups. *Journal of Mathematical Physics*, 17(4):463–473, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p463_s1.

Majumdar:1976:STM

[478] Chanchal K. Majumdar. Solutions of the three magnon bound state equation. I. *Journal of Mathematical Physics*, 17(4):474–477, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p474_s1.

Mukhopadhyay:1976:STM

[479] S. K. Mukhopadhyay and C. K. Majumdar. Solutions of the three magnon bound state equation. II. *Journal of Mathematical Physics*, 17(4):478–479, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p478_s1.

Stassis:1976:CRI

[480] C. Stassis and S. A. Williams. Comment on the reduction of an important 9-j symbol. *Journal of Mathematical Physics*, 17(4):480–481, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p480_s1.

Dutt:1976:ACS

[481] R. Dutt and M. Lakshmanan. Application of coherent state representation to classical x^6 and coupled anharmonic oscillators. *Journal of Mathematical Physics*, 17(4):482–484, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p482_s1.

Weaver:1976:MT

[482] D. L. Weaver. On the Majorana transformation. *Journal of Mathematical Physics*, 17(4):485–489, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p485_s1.

Fanelli:1976:CTP

[483] Robert Fanelli. Canonical transformations and phase space path integrals. *Journal of Mathematical Physics*, 17(4):490–493, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p490_s1.

Casati:1976:NEC

[484] Giulio Casati and Joseph Ford. Numerical experiments on the Calogero lattice. *Journal of Mathematical Physics*, 17(4):494–497, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p494_s1.

Zorbas:1976:SSB

[485] J. Zorbas. Stationary scattering for N-body systems involving Coulomb potentials. *Journal of Mathematical Physics*, 17(4):498–502, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p498_s1.

Ringwood:1976:CFT

[486] G. A. Ringwood. A class of field theories with unique well-defined functional integration. *Journal of Mathematical Physics*, 17(4):503–505, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p503_s1.

Barut:1976:SDE

[487] A. O. Barut and J. Kraus. Solution of the Dirac equation with Coulomb and magnetic moment interactions. *Journal of Mathematical Physics*, 17(4):506–508, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p506_s1.

Rudra:1976:CFM

[488] P. Rudra. Comultiplicator of finite magnetic groups. *Journal of Mathematical Physics*, 17(4):509–511, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p509_s1.

Rudra:1976:SRP

[489] P. Rudra. Spinor representations and projective factor systems of crystallographic point groups. *Journal of Mathematical Physics*, 17(4):512–514, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p512_s1.

Ernst:1976:RNS

[490] Frederick J. Ernst. Removal of the nodal singularity of the C-metric. *Journal of Mathematical Physics*, 17(4):515–516, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p515_s1.

Prugovecki:1976:PMF

[491] E. Prugovečki. Probability measures on fuzzy events in phase space. *Journal of Mathematical Physics*, 17(4):517–523, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p517_s1.

Arik:1976:HSA

[492] M. Arik and D. D. Coon. Hilbert spaces of analytic functions and generalized coherent states. *Journal of Mathematical Physics*, 17(4):524–527, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p524_s1.

Alexanian:1976:CEI

[493] Moorad Alexanian. Critical-exponent inequalities in the Ornstein–Zernike theory. *Journal of Mathematical Physics*, 17(4):528–529, April

1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p528_s1.

Blaauw:1976:STP

[494] H. J. Blaauw and A. Tip. L_p-space techniques in potential scattering. *Journal of Mathematical Physics*, 17(4):530–534, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p530_s1.

Hongoh:1976:WCT

[495] M. Hongoh. Wigner coefficients for the theory of five-dimensional quasispin. *Journal of Mathematical Physics*, 17(4):535–541, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p535_s1.

Busoni:1976:NTO

[496] G. Busoni, L. Mangiarotti, and G. Frosali. Neutron transport operators in C and L_2-spaces. *Journal of Mathematical Physics*, 17(4):542–545, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p542_s1.

Peters:1976:NGD

[497] P. C. Peters. Null geodesic deviation. II. The Schwartzschild metric. *Journal of Mathematical Physics*, 17(4):546–553, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p546_s1.

Guler:1976:DUA

[498] Y. Güler. Determination of unitary, analytic representations of the conformal group in $2 + 1$ dimensions using the operator formalism of the Gel'fand–Naimark Z basis. *Journal of Mathematical Physics*, 17(4):554–558, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p554_s1.

Barnsley:1976:PAB

[499] M. F. Barnsley. Padé approximant bounds for the difference of two series of Stieltjes. *Journal of Mathematical Physics*, 17(4):559–565, April

1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p559_s1.

Mizrahi:1976:PIS

[500] Maurice M. Mizrahi. On path integral solutions of the Schrödinger equation, without limiting procedure. *Journal of Mathematical Physics*, 17(4): 566–575, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p566_s1.

Anile:1976:GOG

[501] A. M. Anile. Geometrical optics in general relativity: a study of the higher order corrections. *Journal of Mathematical Physics*, 17(4):576–584, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p576_s1.

Finley:1976:FHM

[502] J. D. Finley III and J. F. Plebański. Further heavenly metrics and their symmetries. *Journal of Mathematical Physics*, 17(4):585–596, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p585_s1.

Cohen:1976:CRP

[503] Leon Cohen. Correspondence rules and path integrals. *Journal of Mathematical Physics*, 17(4):597–598, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p597_s1.

Hori:1976:EST

[504] Motoo Hori. Erratum: "Statistical theory of effective electrical, thermal, and magnetic properties of random heterogeneous materials. VI. Comment on the notion of a cell material". *Journal of Mathematical Physics*, 17(4):598, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p598_s1. See [74].

Pais:1976:ESG

[505] A. Pais and V. Rittenberg. Erratum: "Semisimple [graded] Lie algebras". *Journal of Mathematical Physics*, 17(4):598, April 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

URL http://jmp.aip.org/resource/1/jmapaq/v17/i4/p598_s2. See [330].

Wolf:1976:CTS

[506] Kurt Bernardo Wolf. Canonical transforms, separation of variables, and similarity solutions for a class of parabolic differential equations. *Journal of Mathematical Physics*, 17(5):601–613, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p601_s1.

Feigenbaum:1976:RBN

[507] Mitchell J. Feigenbaum. The relationship between the normalization coefficient and dispersion function for the multigroup transport equation. *Journal of Mathematical Physics*, 17(5):614–617, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p614_s1.

Benioff:1976:MZFa

[508] Paul A. Benioff. Models of Zermelo Frankel set theory as carriers for the mathematics of physics. I. *Journal of Mathematical Physics*, 17(5): 618–628, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p618_s1.

Benioff:1976:MZFb

[509] Paul A. Benioff. Models of Zermelo Frankel set theory as carriers for the mathematics of physics. II. *Journal of Mathematical Physics*, 17(5): 629–640, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p629_s1.

Galles:1976:CTC

[510] Carlos D. Galles and Oscar S. Zandron. Conformal transformation for the Coulter–Weinberg form of the equations for mass zero spin-2 field. *Journal of Mathematical Physics*, 17(5):641–642, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p641_s1.

Miller:1976:CQC

[511] J. G. Miller. Charge quantization and canonical quantization. *Journal of Mathematical Physics*, 17(5):643–646, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p643_s1.

Marchioro:1976:DPB

[512] C. Marchioro, A. Pellegrinotti, E. Presutti, and M. Pulvirenti. On the dynamics of particles in a bounded region: A measure theoretical approach. *Journal of Mathematical Physics*, 17(5):647–652, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p647_s1`.

Deliyannis:1976:CS

[513] Platon C. Deliyannis. Conditioning of states. *Journal of Mathematical Physics*, 17(5):653–659, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p653_s1`.

Fette:1976:ASS

[514] C. W. Fette, Allen I. Janis, and Ezra T. Newman. Algebraically special H-spaces. *Journal of Mathematical Physics*, 17(5):660–664, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p660_s1`.

Rocca:1976:CSB

[515] F. Rocca, P. N. M. Sisson, and A. Verbeure. A class of states on the boson-fermion algebra. *Journal of Mathematical Physics*, 17(5):665–667, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p665_s1`.

Chacon:1976:ESP

[516] E. Chacón, M. Moshinsky, and R. T. Sharp. $\mathrm{U}(5) \subseteq \mathrm{O}(5) \subseteq \mathrm{O}(3)$ and the exact solution for the problem of quadrupole vibrations of the nucleus. *Journal of Mathematical Physics*, 17(5):668–676, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p668_s1`.

Brunet:1976:ADR

[517] Robert C. Brunet. An approximant for democratic representation of all Born terms. *Journal of Mathematical Physics*, 17(5):677–682, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p677_s1`.

Cheng:1976:MIM

[518] Edward T. Cheng and Robert W. Conn. A multipoint interpolation method based on variational principles for functionals of the solution to linear equations. *Journal of Mathematical Physics*, 17(5):683–687, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p683_s1.

Sanchez:1976:SSW

[519] Norma G. Sanchez. Scattering of scalar waves from a Schwarzschild black hole. *Journal of Mathematical Physics*, 17(5):688–692, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p688_s1.

Kracklauer:1976:GPN

[520] Aloysius F. Kracklauer. A geometric proof of no-interaction theorems. *Journal of Mathematical Physics*, 17(5):693–694, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p693_s1.

Klein:1976:KSE

[521] W. Klein. The Kirkwood–Salsburg equation and phase transitions. *Journal of Mathematical Physics*, 17(5):695–698, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p695_s1.

Grewe:1976:RDK

[522] N. Grewe and W. Klein. Rigorous derivation of the Kirkwood–Monroe equation for small activity. *Journal of Mathematical Physics*, 17(5):699–703, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p699_s1.

Wang:1976:SBS

[523] M. Y. Wang. Spontaneously broken symmetry and cosmological constant. *Journal of Mathematical Physics*, 17(5):704–705, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p704_s1.

Floratos:1976:BSS

[524] E. G. Floratos. Bethe–Salpeter spinor equation at $P_\mu = 0$ and SO(5) spinor spherical harmonics. *Journal of Mathematical Physics*, 17(5): 706–709, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p706_s1`.

Segur:1976:ASCa

[525] Harvey Segur and Mark J. Ablowitz. Asymptotic solutions and conservation laws for the nonlinear Schrödinger equation. I. *Journal of Mathematical Physics*, 17(5):710–713, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p710_s1`.

Segur:1976:ASCb

[526] Harvey Segur. Asymptotic solutions and conservation laws for the nonlinear Schrödinger equation. II. *Journal of Mathematical Physics*, 17(5): 714–716, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p714_s1`.

Patera:1976:QNP

[527] J. Patera, P. Winternitz, and H. Zassenhaus. Quantum numbers for particles in de Sitter space. *Journal of Mathematical Physics*, 17(5): 717–728, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p717_s1`.

Hendrickson:1976:BSC

[528] Joseph H. Hendrickson. n-body scattering into cones with long-range time-dependent potentials. *Journal of Mathematical Physics*, 17(5):729–733, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p729_s1`.

Besieris:1976:SWK

[529] Ioannis M. Besieris and Frederick D. Tappert. Stochastic wave-kinetic theory in the Liouville approximation. *Journal of Mathematical Physics*, 17(5):734–743, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p734_s1`.

Pearce:1976:MCF

[530] Paul A. Pearce. Monotonicity of correlation functions. *Journal of Mathematical Physics*, 17(5):744–746, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p744_s1`.

Scanio:1976:RBI

[531] J. J. G. Scanio and P. Suranyi. Rigorous bounds on inclusive and exclusive cross sections I. Lower bound on the integral of an analytic function. *Journal of Mathematical Physics*, 17(5):747–752, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p747_s1`.

Lubkin:1976:ESM

[532] Elihu Lubkin. Extension of the statistical mechanics of equilibrium to noncommutative constraints. *Journal of Mathematical Physics*, 17(5): 753–755, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p753_s1`. See correction [806].

Corones:1976:SSP

[533] James Corones. Solitons and simple pseudopotentials. *Journal of Mathematical Physics*, 17(5):756–759, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p756_s1`.

Sherman:1976:AAA

[534] George C. Sherman, Jakob J. Stamnes, and Éamon Lalor. Asymptotic approximations to angular-spectrum representations. *Journal of Mathematical Physics*, 17(5):760–776, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p760_s1`.

Kuchar:1976:GH

[535] Karel Kuchař. Geometry of hyperspace. I. *Journal of Mathematical Physics*, 17(5):777–791, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p777_s1`.

Kuchar:1976:KTF

[536] Karel Kuchař. Kinematics of tensor fields in hyperspace. II. *Journal of Mathematical Physics*, 17(5):792–800, May 1976. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p792_s1`.

Kuchar:1976:DTF

[537] Karel Kuchař. Dynamics of tensor fields in hyperspace. III. *Journal of Mathematical Physics*, 17(5):801–820, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p801_s1`.

Gorini:1976:CPD

[538] Vittorio Gorini, Andrzej Kossakowski, and E. C. G. Sudarshan. Completely positive dynamical semigroups of N-level systems. *Journal of Mathematical Physics*, 17(5):821–825, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p821_s1`.

Klauder:1976:CGR

[539] John R. Klauder. A characteristic glimpse of the renormalization group. *Journal of Mathematical Physics*, 17(5):826–830, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p826_s1`.

Browne:1976:NL

[540] Seán Browne. On the nonuniqueness of the Lagrangian. *Journal of Mathematical Physics*, 17(5):831–835, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p831_s1`.

Byrnes:1976:BTE

[541] S. G. Byrnes. Bäcklund transformations and the equation $\mathrm{z}_{xy} = \mathrm{F}$ (x, y, z). *Journal of Mathematical Physics*, 17(5):836–842, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p836_s1`.

Field:1976:SSP

[542] David A. Field. Series of Stieltjes, Padé approximants and continued fractions. *Journal of Mathematical Physics*, 17(5):843–844, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i5/p843_s1`.

Gobel:1976:SPT

[543] Rüdiger Göbel. The smooth-path topology for curved space–time which incorporates the conformal structure and analytic Feynman tracks. *Journal of Mathematical Physics*, 17(5):845–853, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p845_s1.

Zucker:1976:ENJ

[544] I. J. Zucker. Erratum: "New Jacobian ϑ functions and the evaluation of lattice sums". *Journal of Mathematical Physics*, 17(5):853, May 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i5/p853_s1. See [352, 775].

Kibler:1976:ITM

[545] Maurice R. Kibler. Irreducible tensor method for a chain $\mathrm{SU}_2 \supset \cdots \supset \mathrm{G}'' \supset \mathrm{G}' \supset \mathrm{G}$ and molecular physics. *Journal of Mathematical Physics*, 17(6):855–858, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p855_s1.

Liu:1976:WTD

[546] Kuang Chi Liu. The Weyl transform of distributions. *Journal of Mathematical Physics*, 17(6):859–862, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p859_s1.

Schwartz:1976:ASP

[547] Charles Schwartz. Almost singular potentials. *Journal of Mathematical Physics*, 17(6):863–867, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p863_s1.

Nahm:1976:SSP

[548] W. Nahm and M. Scheunert. On the structure of simple pseudo Lie algebras and their invariant bilinear forms. *Journal of Mathematical Physics*, 17(6):868–879, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p868_s1.

Floyd:1976:PIA

[549] Edward R. Floyd. Phase integral approximations for calculating energy bands. *Journal of Mathematical Physics*, 17(6):880–884, June 1976. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p880_s1.

Vaidya:1976:LBT

[550] Arvind Narayan Vaidya. Linear boson transformation coefficients. *Journal of Mathematical Physics*, 17(6):885–887, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p885_s1.

Coz:1976:RSI

[551] Marcel Coz and Christiane Coudray. The Riemann solution and the inverse quantum mechanical problem. *Journal of Mathematical Physics*, 17(6):888–893, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p888_s1.

Coz:1976:PDM

[552] M. Coz and P. Rochus. Partial differential matrix equations for the inverse problem of scattering theory. *Journal of Mathematical Physics*, 17(6):894–899, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p894_s1.

Barut:1976:SNI

[553] A. O. Barut and Raj Wilson. Some new identities of Clebsch–Gordan coefficients and representation functions of $\mathrm{SO}(2,1)$ and $\mathrm{SO}(4)$. *Journal of Mathematical Physics*, 17(6):900–915, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p900_s1.

Jarvis:1976:MMS

[554] P. D. Jarvis. Massive and massless supersymmetry: Multiplet structure and unitary irreducible representations. *Journal of Mathematical Physics*, 17(6):916–922, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p916_s1.

Letelier:1976:CTD

[555] Patricio S. Letelier. Classic theory of direct intermembrane interaction. *Journal of Mathematical Physics*, 17(6):923–928, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p923_s1.

Bahar:1976:EHP

[556] E. Bahar. Excitation of horizontally polarized waves in critical-coupling regions where the permittivity gradient approaches zero — full wave solutions. *Journal of Mathematical Physics*, 17(6):929–936, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p929_s1.

Allnatt:1976:GMD

[557] A. R. Allnatt. Generalized molecular distribution functions for fluids and occupation probabilities for lattice gases. *Journal of Mathematical Physics*, 17(6):937–940, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p937_s1.

Sorba:1976:GGC

[558] Paul Sorba. The Galilei group and its connected subgroups. *Journal of Mathematical Physics*, 17(6):941–953, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p941_s1.

Saenz:1976:WOL

[559] A. W. Sáenz and W. W. Zachary. Wave operators for long-range hard-core potentials. *Journal of Mathematical Physics*, 17(6):954–957, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p954_s1.

Morrison:1976:HFA

[560] J. A. Morrison. High frequency approximations for elastic surface waves propagating along cylinders of general cross section. *Journal of Mathematical Physics*, 17(6):958–963, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p958_s1.

Johnson:1976:DEQ

[561] R. E. Johnson and N. K. Pope. Derivation of an exact quantum-mechanical formula for the second term in the activity expansion of the correlation function $S(Q, \omega)$. *Journal of Mathematical Physics*, 17(6):964–972, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p964_s1.

Lehnigk:1976:CCD

[562] Siegfried H. Lehnigk. A class of conservative diffusion processes with delta function initial conditions. *Journal of Mathematical Physics*, 17(6): 973–976, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p973_s1.

Patera:1976:SPG

[563] J. Patera, R. T. Sharp, P. Winternitz, and H. Zassenhaus. Subgroups of the Poincaré group and their invariants. *Journal of Mathematical Physics*, 17(6):977–985, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p977_s1.

Patera:1976:IRL

[564] J. Patera, R. T. Sharp, P. Winternitz, and H. Zassenhaus. Invariants of real low dimension Lie algebras. *Journal of Mathematical Physics*, 17(6): 986–994, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p986_s1.

vanHaeringen:1976:CAS

[565] H. van Haeringen. Coulombian asymptotic states. *Journal of Mathematical Physics*, 17(6):995–1000, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p995_s1.

Anderson:1976:CET

[566] Ian M. Anderson and David Lovelock. A characterization of the Einstein tensor in terms of spinors. *Journal of Mathematical Physics*, 17(6):1001–1003, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1001_s1.

Pereira:1976:CSN

[567] Nino R. Pereira. Consequences of scaling in nonlinear partial differential equations. *Journal of Mathematical Physics*, 17(6):1004–1007, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1004_s1.

Wong:1976:SEF

[568] C. Y. Wong. On the Schrödinger equation in fluid-dynamical form. *Journal of Mathematical Physics*, 17(6):1008–1010, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1008_s1.

Ablowitz:1976:NDD

[569] M. J. Ablowitz and J. F. Ladik. Nonlinear differential-difference equations and Fourier analysis. *Journal of Mathematical Physics*, 17(6):1011–1018, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1011_s1.

Barnsley:1976:BBC

[570] M. F. Barnsley and George A. Baker, Jr. Bivariational bounds in a complex Hilbert space, and correction terms for padé approximants. *Journal of Mathematical Physics*, 17(6):1019–1027, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1019_s1.

Perroud:1976:MSS

[571] Marcel Perroud. The maximal solvable subalgebras of the real classical Lie algebras. *Journal of Mathematical Physics*, 17(6):1028–1033, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1028_s1.

Bloore:1976:QDT

[572] F. J. Bloore, M. Assimakopoulos, and I. R. Ghobrial. Quantization as deformation theory. *Journal of Mathematical Physics*, 17(6):1034–1038, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1034_s1.

Meyer:1976:QSA

[573] R. E. Meyer. Quasiclassical scattering above barriers in one dimension. *Journal of Mathematical Physics*, 17(6):1039–1041, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1039_s1.

McDonald:1976:SNE

[574] J. F. McDonald. Some new ensembles of random matrices. *Journal of Mathematical Physics*, 17(6):1042–1048, June 1976. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1042_s1.

Davis:1976:NBU

[575] T. M. Davis and J. R. Ray. Neutrinos and Bianchi I universes. *Journal of Mathematical Physics*, 17(6):1049–1050, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1049_s1.

Car:1976:OFG

[576] R. Car, G. Ciucci, and L. Quartapelle. Optimal factor group for nonsymmorphic space groups. *Journal of Mathematical Physics*, 17(6):1051–1055, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1051_s1. See [726].

Zachary:1976:WOM

[577] W. W. Zachary. Wave operators for multichannel scattering by long-range potentials. *Journal of Mathematical Physics*, 17(6):1056–1063, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1056_s1. See [832].

Fukushima:1976:SRO

[578] Masahisa Fukushima. A spectral representation on ordinary linear difference equation with operator-valued coefficients of the second order. *Journal of Mathematical Physics*, 17(6):1064–1072, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1064_s1.

Park:1976:UBP

[579] Yong Moon Park. Uniform bounds of the pressures of the $\lambda\phi_3^4$ field model. *Journal of Mathematical Physics*, 17(6):1073–1075, June 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i6/p1073_s1.

Deutsch:1976:DCE

[580] C. Deutsch and M. M. Gombert. Diffraction corrections to the equilibrium properties of the classical electron gas. Pair correlation function. *Journal of Mathematical Physics*, 17(7):1077–1090, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1077_s1.

Ernst:1976:NRT

[581] Frederick J. Ernst. New representation of the Tomimatsu–Sato solution. *Journal of Mathematical Physics*, 17(7):1091–1094, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1091_s1.

Economou:1976:AFT

[582] John E. Economou. Approximate form of the Tomimatsu–Sato $\delta = 2$ solution near the poles $x = 1$, $y = \pm 1$. *Journal of Mathematical Physics*, 17(7):1095–1098, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1095_s1.

Gopinath:1976:SIP

[583] B. Gopinath. The solution to an inverse problem in stratified dielectric media. *Journal of Mathematical Physics*, 17(7):1099–1104, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1099_s1.

Ali:1976:ENQ

[584] S. Twareque Ali and H. D. Doebner. On the equivalence of nonrelativistic quantum mechanics based upon sharp and fuzzy measurements. *Journal of Mathematical Physics*, 17(7):1105–1111, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1105_s1.

Bayen:1976:RCS

[585] F. Bayen and M. Flato. Remarks on conformal space. *Journal of Mathematical Physics*, 17(7):1112–1114, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1112_s1.

Barut:1976:AMS

[586] A. O. Barut and H. Schneider. Angular momentum of systems of electric and magnetic charges and of singular flux surfaces. *Journal of Mathematical Physics*, 17(7):1115–1117, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1115_s1.

Brydges:1976:CEF

[587] David C. Brydges. Cluster expansions for fermion fields by the time dependent Hamiltonian approach. *Journal of Mathematical Physics*, 17(7):

1118–1124, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1118_s1.

Patterson:1976:CSUa

[588] Chris W. Patterson and William G. Harter. Canonical symmetrization for unitary bases. I. Canonical Weyl bases. *Journal of Mathematical Physics*, 17(7):1125–1136, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1125_s1.

Patterson:1976:CSUb

[589] Chris W. Patterson and William G. Harter. Canonical symmetrization for the unitary bases. II. Boson and fermion bases. *Journal of Mathematical Physics*, 17(7):1137–1142, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1137_s1.

Park:1976:UBS

[590] Yong Moon Park. Uniform bounds of the Schwinger functions in boson field models. *Journal of Mathematical Physics*, 17(7):1143–1147, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1143_s1.

Fox:1976:CGC

[591] Ronald Forrest Fox. Critique of the generalized cumulant expansion method. *Journal of Mathematical Physics*, 17(7):1148–1153, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1148_s1.

Benci:1976:EDR

[592] V. Benci, D. Fortunato, and F. Zirilli. Exponential decay and regularity properties of the Hartree approximation to the bound state wavefunctions of the helium atom. *Journal of Mathematical Physics*, 17(7):1154–1155, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1154_s1.

Luning:1976:ISH

[593] C. D. Luning and W. L. Perry. Iterative solution of the Hartree equations. *Journal of Mathematical Physics*, 17(7):1156–1159, July 1976. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1156_s1.

Viano:1976:EOI

[594] G. A. Viano. On the extrapolation of optical image data. *Journal of Mathematical Physics*, 17(7):1160–1165, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1160_s1.

Winch:1976:IFW

[595] D. E. Winch. Integration formula for Wigner 3-j coefficients. *Journal of Mathematical Physics*, 17(7):1166–1170, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1166_s1.

Ray:1976:SGF

[596] Dipankar Ray. Self-gravitating fluids with cylindrical symmetry. *Journal of Mathematical Physics*, 17(7):1171–1172, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1171_s1.

Aguilera-Navarro:1976:EI

[597] M. C. K. Aguilera-Navarro and V. C. Aguilera-Navarro. Eigenvalues of invariants of U(n) and Su(n). *Journal of Mathematical Physics*, 17(7): 1173–1176, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1173_s1.

Alonso:1976:FCR

[598] Luis Martinez Alonso. Fundamental canonical realizations of connected Lie groups. *Journal of Mathematical Physics*, 17(7):1177–1181, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1177_s1.

Kelsey:1976:TOP

[599] Edward J. Kelsey and Joseph Macek. Nth order perturbation theory for hydrogen. *Journal of Mathematical Physics*, 17(7):1182–1185, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1182_s1.

Beran:1976:PTA

[600] M. J. Beran and J. J. McCoy. Propagation through an anisotropic random medium. An integro-differential formulation. *Journal of Mathematical Physics*, 17(7):1186–1189, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1186_s1.

Meuldermans:1976:CCE

[601] R. Meuldermans. A crossed-channel expansion of a conformal invariant scattering amplitude. *Journal of Mathematical Physics*, 17(7):1190–1195, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1190_s1.

Driscoll:1976:MIC

[602] C. F. Driscoll and T. M. O'Neil. Modulational instability of cnoidal wave solutions of the modified Korteweg–de Vries equation. *Journal of Mathematical Physics*, 17(7):1196–1200, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1196_s1.

Narnhofer:1976:BCS

[603] H. Narnhofer and J. R. Klauder. Boundary conditions and singular potentials in diffusion theory. *Journal of Mathematical Physics*, 17(7):1201–1209, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1201_s1.

Herbst:1976:CQF

[604] Ira W. Herbst. On canonical quantum field theories. *Journal of Mathematical Physics*, 17(7):1210–1221, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1210_s1.

Thide:1976:ELO

[605] Bo Thidé. The energy levels of the one-dimensional potential well $V(X) = a\|X\|$ calculated by means of certain phase-integral approximations. *Journal of Mathematical Physics*, 17(7):1222–1225, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1222_s1.

Lee:1976:CGE

[606] Chul Hoon Lee. Coupled gravitational and electromagnetic perturbations around a charged black hole. *Journal of Mathematical Physics*, 17(7): 1226–1235, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1226_s1.

Szu:1976:NFE

[607] H. H. Szu, C. E. Carroll, C. C. Yang, and S. Ahn. A new functional equation in the plasma inverse problem and its analytic properties. *Journal of Mathematical Physics*, 17(7):1236–1247, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1236_s1.

deVega:1976:MRC

[608] H. J. de Vega and F. Schaposnik. Multiplicative renormalization of composite operators. *Journal of Mathematical Physics*, 17(7):1248–1251, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1248_s1.

Furutsu:1976:TID

[609] K. Furutsu. Theory of irradiance distribution function in turbulent media-cluster approximation. *Journal of Mathematical Physics*, 17(7): 1252–1263, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1252_s1.

Hoenselaers:1976:GSE

[610] C. Hoenselaers. On generation of solutions of Einstein's equations. *Journal of Mathematical Physics*, 17(7):1264–1267, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1264_s1.

Berger:1976:HCM

[611] Beverly K. Berger. Homothetic and conformal motions in spacelike slices of solutions of Einstein's equations. *Journal of Mathematical Physics*, 17(7):1268–1273, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1268_s1.

Lathouwers:1976:SPS

[612] L. Lathouwers. A supereigenvalue problem for the solution of the generator coordinate integral equation. *Journal of Mathematical Physics*, 17(7): 1274–1275, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1274_s1`.

Haba:1976:MTR

[613] Zbigniew Haba. Measure-theoretic representations of the SU(2) $\otimes$ SU(2) current algebra with PCAC. *Journal of Mathematical Physics*, 17(7): 1276–1285, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1276_s1`.

Brissaud:1976:PWN

[614] A. Brissaud, J. Léorat, and A. Mazure. Pseudo white noises: δ-correlated processes with finite memory. *Journal of Mathematical Physics*, 17(7): 1286–1292, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1286_s1`.

Estabrook:1976:PSN

[615] F. B. Estabrook and H. D. Wahlquist. Prolongation structures of nonlinear evolution equations. II. *Journal of Mathematical Physics*, 17(7): 1293–1297, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1293_s1`.

Gorini:1976:LSC

[616] Vittorio Gorini and Andrzej Kossakowski. N-level system in contact with a singular reservoir. *Journal of Mathematical Physics*, 17(7):1298–1305, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1298_s1`.

Hauser:1976:STK

[617] I. Hauser and R. J. Malhiot. On space–time Killing tensors with a Segrè characteristic ((11)(11)). *Journal of Mathematical Physics*, 17(7):1306–1312, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1306_s1`.

Peccia:1976:NIM

[618] A. Peccia and R. T. Sharp. Number of independent missing label operators. *Journal of Mathematical Physics*, 17(7):1313–1314, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1313_s1.

Guven:1976:HGP

[619] R. Güven. Hertzian gravitational potentials for type D space–times. *Journal of Mathematical Physics*, 17(7):1315–1319, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1315_s1.

Hioe:1976:QTA

[620] F. T. Hioe, Don MacMillen, and E. W. Montroll. Quantum theory of anharmonic oscillators. II. Energy levels of oscillators with $x^{2\alpha}$ anharmonicity. *Journal of Mathematical Physics*, 17(7):1320–1337, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1320_s1.

Rau:1976:CBB

[621] A. R. P. Rau. Cross between Born and WKB approximations: Variational solutions of nonlinear forms of the Schrödinger equation. *Journal of Mathematical Physics*, 17(7):1338–1344, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1338_s1.

Katzin:1976:GIF

[622] Gerald H. Katzin and Jack Levine. A gauge invariant formulation of time-dependent dynamical symmetry mappings and associated constants of motion for Lagrangian particle mechanics. I. *Journal of Mathematical Physics*, 17(7):1345–1350, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1345_s1.

Jaulent:1976:ISP

[623] M. Jaulent. Inverse scattering problems in absorbing media. *Journal of Mathematical Physics*, 17(7):1351–1360, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1351_s1.

Balanis:1976:AAD

[624] George N. Balanis. Addendum: "Analysis of the dispersion of low frequency uniaxial waves in heterogeneous periodic elastic media [J. Math. Phys. **16**, 1383 (1975)]". *Journal of Mathematical Physics*, 17(7):1360, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1360_s1`. See [230].

Aly:1976:ESS

[625] H. H. Aly, H. J. W. Müller-Kirsten, and N. Vahedi-Faridi. Erratum: "Scattering by singular potentials with a perturbation-theoretical introduction to Mathieu functions". *Journal of Mathematical Physics*, 17(7): 1361, July 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i7/p1361_s1`. See [166].

Abellanas:1976:QAV

[626] L. Abellanas and L. Martinez Alonso. Quantization from the algebraic viewpoint. *Journal of Mathematical Physics*, 17(8):1363–1365, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1363_s1`.

Semon:1976:CSS

[627] Mark D. Semon and John R. Taylor. Cross sections for screened potentials. *Journal of Mathematical Physics*, 17(8):1366–1370, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1366_s1`.

McKay:1976:BRC

[628] W. McKay, J. Patera, and R. T. Sharp. Branching rules and Clebsch–Gordan series for E_8. *Journal of Mathematical Physics*, 17(8):1371–1375, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1371_s1`.

Green:1976:SLP

[629] H. S. Green, C. A. Hurst, and Y. Ilamed. The state labeling problems for $SO(N)$ in $U(N)$ and $U(M)$ in $Sp(2M)$. *Journal of Mathematical Physics*, 17(8):1376–1382, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1376_s1`.

Williams:1976:PPS

[630] S. A. Williams and D. L. Pursey. Particle permutation symmetry of multishell states. I. Two shells. *Journal of Mathematical Physics*, 17(8):1383–1391, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1383_s1.

Massot:1976:SIP

[631] J. N. Massot and R. Bacis. Symmetry and invariance properties of the Boltzmann equation on different groups. *Journal of Mathematical Physics*, 17(8):1392–1403, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1392_s1.

Deutsch:1976:OCP

[632] C. Deutsch. One-component plasma in $2+\epsilon$ dimensions. *Journal of Mathematical Physics*, 17(8):1404–1413, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1404_s1. See [940].

Wang:1976:SIC

[633] P. K. C. Wang. Stability and instability conditions for nonlinear evolutional equations in Hilbert spaces. *Journal of Mathematical Physics*, 17(8):1414–1420, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1414_s1.

Berntsen:1976:RMS

[634] Svend Berntsen and Günther Johannsen. Relativistic multiple scattering of electromagnetic waves. *Journal of Mathematical Physics*, 17(8):1421–1428, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1421_s1.

Chang:1976:NSC

[635] S. C. Chang and Allen I. Janis. Nonspreading solutions to a class of differential equations. *Journal of Mathematical Physics*, 17(8):1429–1431, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1429_s1.

Chang:1976:RCB

[636] S. C. Chang and Allen I. Janis. Radiation in cosmological backgrounds. *Journal of Mathematical Physics*, 17(8):1432–1438, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1432_s1.

Boyer:1976:SBI

[637] C. P. Boyer, R. T. Sharp, and P. Winternitz. Symmetry breaking interactions for the time dependent Schrödinger equation. *Journal of Mathematical Physics*, 17(8):1439–1451, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1439_s1.

Quesne:1976:SEA

[638] C. Quesne. $SU(2) \times SU(2)$ scalars in the enveloping algebra of SU(4). *Journal of Mathematical Physics*, 17(8):1452–1467, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1452_s1.

Pauri:1976:CRP

[639] M. Pauri and G. M. Prosperi. Canonical realizations of the Poincaré group. II. Space–time description of two particles interacting at a distance, Newtonian-like equations of motion and approximately relativistic Lagrangian formulation. *Journal of Mathematical Physics*, 17(8):1468–1495, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1468_s1.

Cohn:1976:ARS

[640] J. Cohn and H. Wiebe. Asymptotic radiation from spinning charged particles. *Journal of Mathematical Physics*, 17(8):1496–1500, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1496_s1.

Fujita:1976:ECE

[641] Shigeji Fujita. Exact closed evolution equation for the electron density operator averaged over impurity configurations. *Journal of Mathematical Physics*, 17(8):1501–1508, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1501_s1.

King:1976:SRO

[642] Frederick W. King. Sum rules for the optical constants. *Journal of Mathematical Physics*, 17(8):1509–1514, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1509_s1.

Lucke:1976:RCP

[643] W. Lücke. Ruelle's cluster property for nonstrictly localizable fields derived from symmetry of their Wightman functions. *Journal of Mathematical Physics*, 17(8):1515–1520, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1515_s1.

Ruhl:1976:RUC

[644] W. Rühl and B. C. Yunn. Representations of the universal covering group of $\mathrm{SU}(1,1)$ and their bilinear and trilinear invariant forms. *Journal of Mathematical Physics*, 17(8):1521–1530, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1521_s1.

Safko:1976:LMG

[645] J. L. Safko and F. Elston. Lagrange multipliers and gravitational theory. *Journal of Mathematical Physics*, 17(8):1531–1537, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1531_s1.

Budgor:1976:QMT

[646] Aaron B. Budgor. Quantum mechanics on topological networks. *Journal of Mathematical Physics*, 17(8):1538–1545, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1538_s1.

Bergere:1976:BPT

[647] M. C. Bergere and Yuk-Ming P. Lam. Bogolubov–Parasiuk theorem in the α-parametric representation. *Journal of Mathematical Physics*, 17(8):1546–1557, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1546_s1.

Wong:1976:SMF

[648] M. K. F. Wong. On the structure of the multiplicity-free Wigner coefficients of $\mathrm{U}(n)$. *Journal of Mathematical Physics*, 17(8):1558–1569, Au-

gust 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1558_s1.

Ostebee:1976:NAT

[649] A. Ostebee, P. Gambardella, and M. Dresden. A "nonstandard" approach to the thermodynamic limit. II. weakly tempered potentials and neutral Coulomb systems. *Journal of Mathematical Physics*, 17(8):1570–1578, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1570_s1.

Zeleznik:1976:T

[650] Frank J. Zeleznik. Thermodynamics. *Journal of Mathematical Physics*, 17(8):1579–1610, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1579_s1.

Nwachuku:1976:ECO

[651] C. O. Nwachuku and M. A. Rashid. Eigenvalues of the Casimir operators of the orthogonal and symplectic groups. *Journal of Mathematical Physics*, 17(8):1611–1616, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1611_s1.

Saenz:1976:EEO

[652] A. W. Sáenz and W. W. Zachary. Erratum: "On the equality of S operators corresponding to unitarily equivalent Hamiltonians in single channel scattering". *Journal of Mathematical Physics*, 17(8):1616, August 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i8/p1616_s1. See [466].

Gilmore:1976:BPD

[653] R. Gilmore and C. M. Bowden. Bifurcation properties of Dicke Hamiltonians. *Journal of Mathematical Physics*, 17(9):1617–1625, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1617_s1.

Scheunert:1976:CASa

[654] M. Scheunert, W. Nahm, and V. Rittenberg. Classification of all simple graded Lie algebras whose Lie algebra is reductive. I. *Journal of Mathe-*

matical Physics, 17(9):1626–1639, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1626_s1.

Scheunert:1976:CASb

[655] M. Scheunert, W. Nahm, and V. Rittenberg. Classification of all simple graded Lie algebras whose Lie algebra is reductive. II. Construction of the exceptional algebras. *Journal of Mathematical Physics*, 17(9):1640–1644, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1640_s1.

Stephenson:1976:SCS

[656] John Stephenson. Soluble classical spin model with competing interactions. *Journal of Mathematical Physics*, 17(9):1645–1654, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1645_s1.

Gasser:1976:HCG

[657] J. Gasser. How to calculate the grand partition function in the uncorrelated jet model. *Journal of Mathematical Physics*, 17(9):1655–1661, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1655_s1.

Leveille:1976:ILG

[658] J. P. Leveille and P. Roman. On the implementability of local gauge transformations in a theory with localized states. *Journal of Mathematical Physics*, 17(9):1662–1663, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1662_s1.

Roman:1976:GTN

[659] P. Roman and J. Haavisto. Gauge theories and nonrelativistic cosmological symmetries. *Journal of Mathematical Physics*, 17(9):1664–1670, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1664_s1.

Lockwood:1976:CPC

[660] Loren A. Lockwood. Canonical parameters of the $3j$ coefficient. *Journal of Mathematical Physics*, 17(9):1671–1672, September 1976. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1671_s1.

Prugovecki:1976:QTP

[661] E. Prugovečki. Quantum two-particle scattering in fuzzy phase space. *Journal of Mathematical Physics*, 17(9):1673–1681, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1673_s1.

Ellis:1976:QMS

[662] Richard S. Ellis and Charles M. Newman. Quantum mechanical soft springs and reverse correlation inequalities. *Journal of Mathematical Physics*, 17(9):1682–1683, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1682_s1.

Yan:1976:BMN

[663] C. C. Yan. Binary mixture with nearest and next nearest neighbor interaction on a one-dimensional lattice. *Journal of Mathematical Physics*, 17(9):1684–1687, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1684_s1.

Epifanio:1976:MRU

[664] G. Epifanio. On the matrix representation of unbounded operators. *Journal of Mathematical Physics*, 17(9):1688–1691, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1688_s1.

Davidson:1976:EDM

[665] Russell Davidson and John J. Kozak. Exact dynamics of a model for a three-level atom. *Journal of Mathematical Physics*, 17(9):1692–1702, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1692_s1.

Case:1976:FDM

[666] K. M. Case. Fredholm determinants and multiple solitons. *Journal of Mathematical Physics*, 17(9):1703–1706, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1703_s1.

Besieris:1976:DES

[667] Ioannis M. Besieris. Derivation of an exact spectral density transport equation for a nonstationary scattering medium. *Journal of Mathematical Physics*, 17(9):1707–1710, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1707_s1.

Besieris:1976:CFS

[668] Ioannis M. Besieris and Wojciech B. Stasiak. Closed first- and second-order moment equations for stochastic nonlinear problems with applications to model hydrodynamic and Vlasov-plasma turbulence. *Journal of Mathematical Physics*, 17(9):1711–1718, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1711_s1.

Sud:1976:NAC

[669] Krishan Sud and L. E. Wright. A new analytic continuation of Appell's hypergeometric series F_2. *Journal of Mathematical Physics*, 17(9):1719–1721, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1719_s1.

Bowden:1976:SNM

[670] R. L. Bowden, P. F. Zweifel, and R. Menikoff. On the solution of non-linear matrix integral equations in transport theory. *Journal of Mathematical Physics*, 17(9):1722–1726, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1722_s1.

Maugin:1976:CTDa

[671] Gérard A. Maugin. A continuum theory of deformable ferrimagnetic bodies. I. Field equations. *Journal of Mathematical Physics*, 17(9):1727–1738, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1727_s1.

Maugin:1976:CTDb

[672] Gérard A. Maugin. A continuum theory of deformable ferrimagnetic bodies. II. thermodynamics, constitutive theory. *Journal of Mathematical Physics*, 17(9):1739–1751, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1739_s1.

DeSanto:1976:IWP

[673] John A. DeSanto. Inverse wave propagation in an inhomogeneous waveguide. *Journal of Mathematical Physics*, 17(9):1752–1753, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1752_s1`.

Flato:1976:DPB

[674] M. Flato, A. Lichnerowicz, and D. Sternheimer. Deformations of Poisson brackets, Dirac brackets and applications. *Journal of Mathematical Physics*, 17(9):1754–1762, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1754_s1`.

Roy:1976:SJF

[675] M. N. Sinha Roy, B. Talukdar, and D. Chattarji. Off-shell Jost function and T matrix for the Woods–Saxon potential. *Journal of Mathematical Physics*, 17(9):1763–1766, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1763_s1`.

Pao:1976:CLT

[676] C. V. Pao. Critical length of a transport process in rod geometry. *Journal of Mathematical Physics*, 17(9):1767–1772, September 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i9/p1767_s1`.

Prosser:1976:FSI

[677] Reese T. Prosser. Formal solutions of inverse scattering problems. II. *Journal of Mathematical Physics*, 17(10):1775–1779, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1775_s1`.

Backhouse:1976:IRF

[678] Nigel B. Backhouse and Patricia Gard. On induced representations for finite groups. *Journal of Mathematical Physics*, 17(10):1780–1784, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1780_s1`.

Chen:1976:MSQ

[679] Etang Chen. Markovian subdynamics in quantum dynamical systems. *Journal of Mathematical Physics*, 17(10):1785–1789, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1785_s1.

Oliver:1976:PFS

[680] D. R. Oliver, Jr. and W. R. Davis. Perfect fluids and symmetry mappings leading to conservation laws. *Journal of Mathematical Physics*, 17(10):1790–1792, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1790_s1.

Stehney:1976:PND

[681] Ann K. Stehney. Principal null directions without spinors (in vacuum space times). *Journal of Mathematical Physics*, 17(10):1793–1796, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1793_s1.

Kerner:1976:EIF

[682] Edward H. Kerner. Extended inertial frames and Lorentz transformations. II. *Journal of Mathematical Physics*, 17(10):1797–1807, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1797_s1.

Krause:1976:HCL

[683] F. Krause and P. H. Roberts. The high conductivity limit in mean field electrodynamics. *Journal of Mathematical Physics*, 17(10):1808–1809, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1808_s1.

Lindblom:1976:ACS

[684] Lee Lindblom. On the analyticity of certain stationary nonvacuum Einstein space–times. *Journal of Mathematical Physics*, 17(10):1810–1811, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1810_s1.

Larsen:1976:SOD

[685] Edward W. Larsen and Paul F. Zweifel. Steady, one-dimensional multigroup neutron transport with anisotropic scattering. *Journal of Mathematical Physics*, 17(10):1812–1820, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1812_s1.

Moses:1976:SPA

[686] H. E. Moses. A simple proof of the angular momentum Helmholtz theorem and the relation of the theorem to the decomposition of solenoidal vectors into poloidal and toroidal components. *Journal of Mathematical Physics*, 17(10):1821–1823, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1821_s1.

Reina:1976:CES

[687] C. Reina. Complete extension of the symmetry axis of the Tomimatsu–Sato solution of the Einstein equations. *Journal of Mathematical Physics*, 17(10):1824–1826, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1824_s1.

Harnad:1976:GTS

[688] J. P. Harnad and R. B. Pettitt. Gauge theories for space–time symmetries. I. *Journal of Mathematical Physics*, 17(10):1827–1837, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1827_s1.

Hurd:1976:DHP

[689] R. A. Hurd and S. Przeździecki. Diffraction by a half-plane perpendicular to the distinguished axis of a gyrotropic medium. *Journal of Mathematical Physics*, 17(10):1838–1847, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1838_s1.

Bouziane:1976:BIU

[690] M. Bouziane and Ph. A. Martin. Bogoliubov inequality for unbounded operators and the Bose gas. *Journal of Mathematical Physics*, 17(10):1848–1851, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1848_s1.

Truman:1976:FPI

[691] Aubrey Truman. Feynman path integrals and quantum mechanics as $h \to 0$. *Journal of Mathematical Physics*, 17(10):1852–1862, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1852_s1.

Cohen:1976:QPV

[692] Leon Cohen. Quantization problem and variational principle in the phase-space formulation of quantum mechanics. *Journal of Mathematical Physics*, 17(10):1863–1866, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1863_s1.

Morris:1976:PSG

[693] Hedley C. Morris. Prolongation structures and a generalized inverse scattering problem. *Journal of Mathematical Physics*, 17(10):1867–1869, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1867_s1.

Morris:1976:PSN

[694] H. C. Morris. Prolongation structures and nonlinear evolution equations in two spatial dimensions. *Journal of Mathematical Physics*, 17(10):1870–1872, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1870_s1.

Dowker:1976:PIO

[695] J. S. Dowker. Path integrals and ordering rules. *Journal of Mathematical Physics*, 17(10):1873–1874, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1873_s1.

Gunaydin:1976:OHS

[696] Murat Günaydin. Octonionic Hilbert spaces, the Poincaré group and SU(3). *Journal of Mathematical Physics*, 17(10):1875–1883, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1875_s1.

Trullinger:1976:ETC

[697] S. E. Trullinger. Expansion technique for crystal surface problems. *Journal of Mathematical Physics*, 17(10):1884–1888, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1884_s1.

Challifour:1976:EFT

[698] John L. Challifour. Euclidean field theory. II. Remarks on embedding the relativistic Hilbert space. *Journal of Mathematical Physics*, 17(10):1889–1892, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1889_s1.

Moncrief:1976:STS

[699] Vincent Moncrief. Space–time symmetries and linearization stability of the Einstein equations. II. *Journal of Mathematical Physics*, 17(10):1893–1902, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1893_s1.

Daumens:1976:TSHa

[700] M. Daumens and P. Minnaert. Tensor spherical harmonics and tensor multipoles. I. Euclidean space. *Journal of Mathematical Physics*, 17(10):1903–1909, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1903_s1.

Powers:1976:RII

[701] Robert T. Powers. Resistance inequalities for the isotropic Heisenberg ferromagnet. *Journal of Mathematical Physics*, 17(10):1910–1918, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1910_s1.

Chacon:1976:LAS

[702] E. Chacón, D. Levi, and M. Moshinsky. Lie algebras in the Schrödinger picture and radial matrix elements. *Journal of Mathematical Physics*, 17(10):1919–1929, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1919_s1.

Strocchi:1976:EPC

[703] F. Strocchi and A. S. Wightman. Erratum: “Proof of the charge superselection rule in local relativistic quantum field theory”. *Journal of Mathematical Physics*, 17(10):1930–1931, October 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i10/p1930_s1`. See [11].

Durand:1976:EFA

[704] Loyal Durand, Paul M. Fishbane, and L. M. Simmons, Jr. Expansion formulas and addition theorems for Gegenbauer functions. *Journal of Mathematical Physics*, 17(11):1933–1948, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1933_s1`.

Raveche:1976:BSC

[705] Harold J. Raveché and C. A. Stuart. Bifurcation of solutions with crystalline symmetry. *Journal of Mathematical Physics*, 17(11):1949–1953, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1949_s1`.

daCosta:1976:SDR

[706] R. C. T. da Costa and R. Lobo. A soluble dispersion relation for a three-dimensional band structure. *Journal of Mathematical Physics*, 17 (11):1954–1956, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1954_s1`.

Raszillier:1976:ZPE

[707] I. Raszillier, W. Schmidt, and I.-S. Stefanescu. On zeroes of the pion electromagnetic form factor. *Journal of Mathematical Physics*, 17(11):1957–1962, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1957_s1`.

Aragone:1976:ISS

[708] C. Aragone, E. Chalbaud, and S. Salamó. On intelligent spin states. *Journal of Mathematical Physics*, 17(11):1963–1971, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1963_s1`.

Patera:1976:HIG

[709] J. Patera, R. T. Sharp, and P. Winternitz. Higher indices of group representations. *Journal of Mathematical Physics*, 17(11):1972–1979, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1972_s1`. See [977].

Horndeski:1976:CCE

[710] Gregory Walter Horndeski. Conservation of charge and the Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 17(11):1980–1987, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1980_s1`.

Lee:1976:CCF

[711] L. L. Lee. Continuum calculus and Feynman's path integrals. *Journal of Mathematical Physics*, 17(11):1988–1997, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1988_s1`. See [1330].

Perroud:1976:IRL

[712] M. Perroud. On the irreducible representations of the Lie algebra chain $G_2 \supseteq A_2$. *Journal of Mathematical Physics*, 17(11):1998–2006, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p1998_s1`.

Reichl:1976:NREa

[713] L. E. Reichl. Nonlinear response of equilibrium strongly coupled Fermi fluids. I. Formal development. *Journal of Mathematical Physics*, 17 (11):2007–2022, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2007_s1`.

Reichl:1976:NREb

[714] L. E. Reichl. Nonlinear response of equilibrium strongly coupled Fermi fluids. II. Fourier expansion and partial resummation of expectation values-polarization diagrams. *Journal of Mathematical Physics*, 17 (11):2023–2033, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2023_s1`.

Reichl:1976:PTE

[715] L. E. Reichl. Propagator techniques for equilibrium strongly coupled Fermi fluids. III. *Journal of Mathematical Physics*, 17(11):2034–2040, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2034_s1.

Haacke:1976:CCG

[716] E. M. Haacke, J. W. Moffat, and P. Savaria. A calculation of SU(4) Clebsch–Gordan coefficients. *Journal of Mathematical Physics*, 17(11):2041–2066, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2041_s1.

Hoshen:1976:GFF

[717] J. Hoshen and R. Kopelman. Green's functions for a face centered orthorhombic lattice. *Journal of Mathematical Physics*, 17(11):2067–2073, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2067_s1.

Wollenberg:1976:ALA

[718] L. S. Wollenberg. Automorphisms of the Lie algebra of polynomials under Poisson bracket. *Journal of Mathematical Physics*, 17(11):2074–2081, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2074_s1.

Keskinen:1976:LCC

[719] R. Keskinen and M. Lehtinen. On the linear connection and curvature in Newtonian mechanics. *Journal of Mathematical Physics*, 17(11):2082–2084, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2082_s1.

Daumens:1976:TSHb

[720] M. Daumens and P. Minnaert. Tensor spherical harmonics and tensor multipoles. II. Minkowski space. *Journal of Mathematical Physics*, 17(11):2085–2091, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2085_s1.

Greenberg:1976:SMT

[721] William Greenberg and Selim Sancaktar. Solution of the multigroup transport equation in L^p spaces. *Journal of Mathematical Physics*, 17 (11):2092–2097, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2092_s1`.

Backhouse:1976:TRC

[722] Nigel Backhouse and Patricia Gard. On the tensor representation for compact groups. *Journal of Mathematical Physics*, 17(11):2098–2100, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2098_s1`.

Candelas:1976:QFT

[723] P. Candelas and D. J. Raine. Quantum field theory on incomplete manifolds. *Journal of Mathematical Physics*, 17(11):2101–2112, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2101_s1`.

Ladde:1976:SDI

[724] G. S. Ladde. Systems of differential inequalities and stochastic differential equations. III. *Journal of Mathematical Physics*, 17(11):2113–2120, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2113_s1`.

Berenson:1976:ECG

[725] Rhoda Berenson and Joseph L. Birman. Erratum: "Clebsch–Gordan coefficients for crystal space groups". *Journal of Mathematical Physics*, 17(11):2121, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2121_s1`. See [51].

Car:1976:EOF

[726] R. Car, G. Ciucci, and L. Quartapelle. Erratum: "Optimal factor group for nonsymmorphic space groups". *Journal of Mathematical Physics*, 17(11):2121, November 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i11/p2121_s2`. See [576].

Frigerio:1976:LSC

[727] Alberto Frigerio and Vittorio Gorini. N-level systems in contact with a singular reservoir. II. *Journal of Mathematical Physics*, 17(12):2123–2127, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2123_s1.

Chong:1976:SPC

[728] Tak-Yuen Chong. Some properties of canonical invariantly relaxing (CIR) systems. *Journal of Mathematical Physics*, 17(12):2128–2132, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2128_s1.

Brydges:1976:NEB

[729] David Brydges and Paul Federbush. A note on energy bounds for boson matter. *Journal of Mathematical Physics*, 17(12):2133–2134, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2133_s1.

Lichnerowicz:1976:SWR

[730] André Lichnerowicz. Shock waves in relativistic magnetohydrodynamics under general assumptions. *Journal of Mathematical Physics*, 17(12):2135–2142, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2135_s1.

Cornille:1976:DES

[731] Henri Cornille. Differential equations satisfied by Fredholm determinants and application to the inversion formalism for parameter dependent potentials. *Journal of Mathematical Physics*, 17(12):2143–2158, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2143_s1.

Lee:1976:UPR

[732] Chul Hoon Lee and W. D. McGlinn. Uniqueness of perturbation of a Reissner–Nordström black hole. *Journal of Mathematical Physics*, 17(12):2159–2165, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2159_s1.

Baur:1976:ZGC

[733] M. E. Baur and R. M. Sinder. Zeros of the grand canonical partition function: Generalization of a result of Lee and Yang. *Journal of Mathematical Physics*, 17(12):2166–2168, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2166_s1`. See [1004].

Honig:1976:IGK

[734] E. Honig. Intrinsic geometry of Killing trajectories. *Journal of Mathematical Physics*, 17(12):2169–2174, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2169_s1`.

Sud:1976:RIF

[735] Krishan Sud, L. E. Wright, and D. S. Onley. Radial integrals with finite energy loss for Dirac–Coulomb functions. *Journal of Mathematical Physics*, 17(12):2175–2181, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2175_s1`.

Berryman:1976:FDE

[736] James G. Berryman and Samuel P. Bowen. The frequency dependent electrical conductivity for disordered alloys: Application of an abstract Hilbert space generalization of Feenberg's perturbation theory. *Journal of Mathematical Physics*, 17(12):2182–2191, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2182_s1`.

McLenaghan:1976:SEM

[737] Raymond G. McLenaghan and Nessim Tariq. On a solution of the Einstein–Maxwell equations admitting a nonsingular electromagnetic field. *Journal of Mathematical Physics*, 17(12):2192–2197, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2192_s1`.

Mehta:1976:NCM

[738] M. L. Mehta. A note on certain multiple integrals. *Journal of Mathematical Physics*, 17(12):2198–2202, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2198_s1`.

Hacyan:1976:SBP

[739] Shahen Hacyan and Jerzy Plebański. Some basic properties of Killing spinors. *Journal of Mathematical Physics*, 17(12):2203–2206, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2203_s1`.

Finley:1976:ISS

[740] J. D. Finley III and J. F. Plebański. The intrinsic spinorial structure of hyperheavens. *Journal of Mathematical Physics*, 17(12):2207–2214, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2207_s1`.

Dragt:1976:LSI

[741] Alex J. Dragt and John M. Finn. Lie series and invariant functions for analytic symplectic maps. *Journal of Mathematical Physics*, 17(12):2215–2227, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2215_s1`.

Ezawa:1976:MVG

[742] Z. F. Ezawa and H. C. Tze. Monopoles, vortices and the geometry of the Yang–Mills bundles. *Journal of Mathematical Physics*, 17(12):2228–2231, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2228_s1`.

Catenacci:1976:SAE

[743] Roberto Catenacci and Joaquin Diaz Alonso. On the stationary axisymmetric Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 17(12):2232–2235, December 1976. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v17/i12/p2232_s1`.

Kalnins:1977:LTWa

[744] E. G. Kalnins and W. Miller, Jr. Lie theory and the wave equation in space–time. I. The Lorentz group. *Journal of Mathematical Physics*, 18(1):1–16, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p1_s1`.

Gilmore:1977:SSP

[745] R. Gilmore. Structural stability of the phase transition in Dicke-like models. *Journal of Mathematical Physics*, 18(1):17–22, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p17_s1`.

Newman:1977:MAC

[746] C. M. Newman and L. S. Schulman. Metastability and the analytic continuation of eigenvalues. *Journal of Mathematical Physics*, 18(1): 23–30, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p23_s1`.

Folland:1977:FIS

[747] N. O. Folland. Factored irreducible symmetry operators. *Journal of Mathematical Physics*, 18(1):31–36, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p31_s1`.

Bricmont:1977:WAP

[748] J. Bricmont and F. Debacker-Mathot. The Wegner approximation of the plane rotator model as a massless, free, lattice, Euclidean field. *Journal of Mathematical Physics*, 18(1):37–40, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p37_s1`.

Jang:1977:PEC

[749] Pong Soo Jang and Robert M. Wald. The positive energy conjecture and the cosmic censor hypothesis. *Journal of Mathematical Physics*, 18(1): 41–44, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p41_s1`.

Lockwood:1977:CPC

[750] Loren A. Lockwood. Canonical parameters of the $6j$ coefficient. *Journal of Mathematical Physics*, 18(1):45–46, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p45_s1`.

Wang:1977:NMS

[751] A. P. Wang. Nonstationary multiple scattering (in radiative transfer). *Journal of Mathematical Physics*, 18(1):47–51, January 1977. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p47_s1.

Mansouri:1977:GSB

[752] Freydoon Mansouri. Geometry of superspaces with Bose and Fermi coordinates and applications to graded Lie bundles and supergravity. *Journal of Mathematical Physics*, 18(1):52–57, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p52_s1.

Ko:1977:KSA

[753] M. Ko, E. T. Newman, and R. Penrose. The Kähler structure of asymptotic twistor space. *Journal of Mathematical Physics*, 18(1):58–64, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p58_s1.

Hietarinta:1977:ELS

[754] Jarmo Hietarinta. On the existence of localized solutions in nonlinear chiral theories. *Journal of Mathematical Physics*, 18(1):65–71, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p65_s1.

Beckers:1977:SEG

[755] J. Beckers, J. Patera, M. Perroud, and P. Winternitz. Subgroups of the Euclidean group and symmetry breaking in nonrelativistic quantum mechanics. *Journal of Mathematical Physics*, 18(1):72–83, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p72_s1.

Rund:1977:CPT

[756] Hanno Rund. Clebsch potentials in the theory of electromagnetic fields admitting electric and magnetic charge distributions. *Journal of Mathematical Physics*, 18(1):84–95, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p84_s1.

Froman:1977:WPQ

[757] Nanny Fröman and Per Olof Fröman. On Wentzel's proof of the quantisation condition for a single-well potential. *Journal of Mathematical Physics*, 18(1):96–99, January 1977. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p96_s1.

Hsu:1977:SED

[758] J. P. Hsu and E. Mac. Symmetry and exact dyon solutions for classical Yang–Mills field equations. *Journal of Mathematical Physics*, 18(1):100–103, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p100_s1.

Lehnigk:1977:MWP

[759] Siegfried H. Lehnigk. Maxwell and Wien processes as special cases of the generalized Feller diffusion process. *Journal of Mathematical Physics*, 18(1):104–105, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p104_s1.

Eimerl:1977:NTS

[760] David Eimerl. Nonexistence theorem for spherically asymmetric solutions of the Fermi–Thomas model of atoms and ions. *Journal of Mathematical Physics*, 18(1):106–109, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p106_s1.

Schwartz:1977:CPT

[761] Charles Schwartz. A classical perturbation theory. *Journal of Mathematical Physics*, 18(1):110–112, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p110_s1. See addendum [915].

Christensen:1977:GMI

[762] Mark J. Christensen. Gleason measures on infinite tensor products of Hilbert spaces. *Journal of Mathematical Physics*, 18(1):113–115, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p113_s1.

Dobson:1977:ERS

[763] J. Dobson. Exact results for second-neighbor surface magnons in an FCC lattice. *Journal of Mathematical Physics*, 18(1):116–117, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p116_s1.

Pick:1977:HLS

[764] Stepán Pick. Hamiltonians with x^{-2}-like singularity. *Journal of Mathematical Physics*, 18(1):118–119, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p118_s1.

Oliveira:1977:HDS

[765] Colber G. Oliveira. Hamiltonian dynamics in symplectic phase space and Nambu's formulation of mechanics. *Journal of Mathematical Physics*, 18(1):120–125, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p120_s1.

Dassios:1977:CLF

[766] George Dassios. Convergent low-frequency expansions for penetrable scatterers. *Journal of Mathematical Physics*, 18(1):126–137, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p126_s1.

Doebner:1977:MAM

[767] H. D. Doebner and W. Lücke. Macrocausal aspects of the S matrix related to the LSZ asymptotic condition. *Journal of Mathematical Physics*, 18(1):138–145, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p138_s1.

Scheunert:1977:GLA

[768] M. Scheunert, W. Nahm, and V. Rittenberg. Graded Lie algebras: Generalization of Hermitian representations. *Journal of Mathematical Physics*, 18(1):146–154, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p146_s1.

Scheunert:1977:IRO

[769] M. Scheunert, W. Nahm, and V. Rittenberg. Irreducible representations of the osp(2,1) and spl(2,1) graded Lie algebras. *Journal of Mathematical Physics*, 18(1):155–162, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p155_s1.

Corones:1977:SPC

[770] James Corones. Solitons, pseudopotentials, and certain Lie algebras. *Journal of Mathematical Physics*, 18(1):163–164, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p163_s1`.

Weingarten:1977:GFE

[771] Don Weingarten. Geometric formulation of electrodynamics and general relativity in discrete space–time. *Journal of Mathematical Physics*, 18(1):165–170, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p165_s1`.

Baumann:1977:WSI

[772] Klaus Baumann and Gerhard C. Hegerfeldt. Is the Wick square infinitely divisible? *Journal of Mathematical Physics*, 18(1):171–172, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p171_s1`.

Antippa:1977:GFS

[773] Adel F. Antippa and Alain J. Phares. General formalism solving linear recursion relations. *Journal of Mathematical Physics*, 18(1):173–181, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p173_s1`.

vanNieuwenhuizen:1977:IRI

[774] P. van Nieuwenhuizen and C. C. Wu. On integral relations for invariants constructed from three Riemann tensors and their applications in quantum gravity. *Journal of Mathematical Physics*, 18(1):182–186, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p182_s1`.

Geller:1977:CNJ

[775] Murray Geller. Comment on "New Jacobian ϑ functions and the evaluation of lattice sums", by I. J. Zucker (J. Math. Phys. **16**, 2189 (1975)). *Journal of Mathematical Physics*, 18(1):187, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i1/p187_s1`. See [352, 544].

Spohn:1977:ESL

[776] Herbert Spohn. Erratum: "The spectrum of the Liouville–von Neumann operator". *Journal of Mathematical Physics*, 18(1):188, January 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i1/p188_s1. See [414].

Ruttimann:1977:JPS

[777] Gottfried T. Rüttimann. Jauch–Piron states (in quantum logic). *Journal of Mathematical Physics*, 18(2):189–193, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p189_s1.

Bleistein:1977:NIS

[778] Norman Bleistein and Jack K. Cohen. Nonuniqueness in the inverse source problem in acoustics and electromagnetics. *Journal of Mathematical Physics*, 18(2):194–201, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p194_s1. See erratum [1953].

Peccia:1977:SSA

[779] Anthony Peccia. Subalgebras of the similitude algebra and their invariants. *Journal of Mathematical Physics*, 18(2):202–214, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p202_s1.

Miyazaki:1977:EOS

[780] Eizo Miyazaki and Iwao Yasumori. Exact occupation statistics for two-dimensional lattices of single particles. *Journal of Mathematical Physics*, 18(2):215–218, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p215_s1.

Ali:1977:SIR

[781] S. Twareque Ali and E. Prugovečki. Systems of imprimitivity and representations of quantum mechanics on fuzzy phase spaces. *Journal of Mathematical Physics*, 18(2):219–228, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p219_s1.

Dollard:1977:DSS

[782] John D. Dollard. On the definition of scattering subspaces in nonrelativistic quantum mechanics. *Journal of Mathematical Physics*, 18(2):229–232, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p229_s1.

Ernst:1977:NFS

[783] Frederick J. Ernst. A new family of solutions of the Einstein field equations. *Journal of Mathematical Physics*, 18(2):233–234, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p233_s1.

Arrowsmith:1977:PTD

[784] D. K. Arrowsmith and J. W. Essam. Percolation theory on directed graphs. *Journal of Mathematical Physics*, 18(2):235–238, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p235_s1.

Backhouse:1977:KFG

[785] Nigel B. Backhouse. The Killing form for graded Lie algebras. *Journal of Mathematical Physics*, 18(2):239–244, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p239_s1.

Ray:1977:PWS

[786] Dipankar Ray. Plane wave solutions in scalar tensor theories and solutions of source-free Einstein–Maxwell theory. *Journal of Mathematical Physics*, 18(2):245–249, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p245_s1.

Galloway:1977:CAC

[787] Gregory J. Galloway. Closure in anisotropic cosmological models. *Journal of Mathematical Physics*, 18(2):250–252, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p250_s1.

Dankel:1977:HSS

[788] Thad Dankel, Jr. Higher spin states in the stochastic mechanics of the Bopp–Haag spin model. *Journal of Mathematical Physics*, 18(2):253–

255, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p253_s1.

Kumei:1977:GTA

[789] Sukeyuki Kumei. Group theoretic aspects of conservation laws of nonlinear dispersive waves: KdV type equations and nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 18(2):256–264, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p256_s1.

Banerjee:1977:PSE

[790] A. Banerjee and N. Chakrabarty. On plane symmetric Einstein–Maxwell fields. *Journal of Mathematical Physics*, 18(2):265–266, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p265_s1.

Baumgarten:1977:CSN

[791] D. Baumgarten, G. Braunss, and O. Wagner. Causal solutions of nonlinear wave and spinor equations obtained by Gel'fand-Shilov regularization. *Journal of Mathematical Physics*, 18(2):267–270, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p267_s1.

Kalnins:1977:LTWb

[792] E. G. Kalnins and W. Miller, Jr. Lie theory and the wave equation in space–time. 3. Semisubgroup coordinates. *Journal of Mathematical Physics*, 18(2):271–280, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p271_s1.

Bowden:1977:CNT

[793] R. L. Bowden, W. L. Cameron, and P. F. Zweifel. Conservative neutron transport theory. *Journal of Mathematical Physics*, 18(2):281–284, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p281_s1.

Morris:1977:PSN

[794] H. C. Morris. Prolongation structures and nonlinear evolution equations in two spatial dimensions. II. A generalized nonlinear Schrödinger equation. *Journal of Mathematical Physics*, 18(2):285–288, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p285_s1.

Nayak:1977:ASB

[795] B. K. Nayak and R. N. Tiwari. Axisymmetric stationary Brans–Dicke vacuum fields. *Journal of Mathematical Physics*, 18(2):289–291, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p289_s1.

Furutani:1977:BST

[796] Y. Furutani and C. Deutsch. The n-bubble series in the theory of the classical one-component plasma. *Journal of Mathematical Physics*, 18(2):292–300, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p292_s1. See [1176].

Torres:1977:CMP

[797] P. L. Torres. A classical Markov process in nonequilibrium quantum statistical mechanics. *Journal of Mathematical Physics*, 18(2):301–305, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p301_s1.

Weaver:1977:EDR

[798] D. L. Weaver. Exact diagonalization of relativistic Hamiltonians including a constant magnetic field. *Journal of Mathematical Physics*, 18(2):306–307, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p306_s1.

Skagerstam:1977:SMD

[799] Bo-Sture K. Skagerstam. Stochastic mechanics and dissipative forces. *Journal of Mathematical Physics*, 18(2):308–311, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p308_s1.

Steiger:1977:EEP

[800] Arno D. Steiger. Electromagnetic eigenmode perturbations caused by deformation of a plasma core in a spherical cavity resonator. *Journal of Mathematical Physics*, 18(2):312–320, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p312_s1. See [877].

Boersma:1977:ESD

[801] J. Boersma and S. W. Lee. An exact solution for diffraction of a line-source field by a half-plane. *Journal of Mathematical Physics*, 18(2):321–328, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p321_s1.

Kummer:1977:SARa

[802] H. Kummer, I. Absar, and A. J. Coleman. Some aspects of the N-representability problem in finite dimensions. I. Operator endomorphisms which induce necessary conditions. *Journal of Mathematical Physics*, 18(2):329–334, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p329_s1.

Kummer:1977:SARb

[803] H. Kummer and I. Absar. Some aspects of the N-representability problem in finite dimensions. II. Operator endomorphisms which induce sufficient conditions. *Journal of Mathematical Physics*, 18(2):335–341, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p335_s1.

Epstein:1977:RSO

[804] Saul T. Epstein. Remarks on the second order error in the variational calculation of expectation values. *Journal of Mathematical Physics*, 18(2):342–343, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p342_s1.

Epstein:1977:SDF

[805] Saul T. Epstein. Short derivation of a formula due to Lubkin. *Journal of Mathematical Physics*, 18(2):344, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p344_s1.

Lubkin:1977:CES

[806] Elihu Lubkin. Correction of "Extension of the statistical mechanics of equilibrium to noncommutative constraints" to cover singular constraints. *Journal of Mathematical Physics*, 18(2):345–346, February 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i2/p345_s1. See [532].

Enz:1977:NTS

[807] U. Enz. A new type of soliton with particle properties. *Journal of Mathematical Physics*, 18(3):347–353, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p347_s1.

Park:1977:CLA

[808] Yong Moon Park. Convergence of lattice approximations and infinite volume limit in the $(\lambda\phi^4 - \sigma\phi^2 - \mu\phi)_3$ field theory. *Journal of Mathematical Physics*, 18(3):354–366, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p354_s1.

Sinha:1977:EPF

[809] S. K. Sinha and Y. Singh. Equilibrium properties of fluids in the semiclassical limit. *Journal of Mathematical Physics*, 18(3):367–375, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p367_s1.

Siewert:1977:HSA

[810] C. E. Siewert and E. E. Burniston. Half-space analysis basic to the time-dependent BGK model in the kinetic theory of gases. *Journal of Mathematical Physics*, 18(3):376–380, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p376_s1.

Hultgren:1977:LVP

[811] Bror O. Hultgren III and Abner Shimony. The lattice of verifiable propositions of the spin-1 system. *Journal of Mathematical Physics*, 18(3):381–394, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p381_s1.

Rasmussen:1977:AAE

[812] C. H. Rasmussen and G. H. Rawitscher. Asymptotic approximations, with error estimates, of the scattering matrix for quantal Coulomb excitation by means of a nonlinear (riccati) matrix differential equation. *Journal of Mathematical Physics*, 18(3):395–403, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p395_s1.

Mehta:1977:OEQ

[813] C. L. Mehta. Ordering of the exponential of a quadratic in boson operators. I. Single mode case. *Journal of Mathematical Physics*, 18(3): 404–407, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p404_s1.

Agrawal:1977:OEQ

[814] G. P. Agrawal and C. L. Mehta. Ordering of the exponential of a quadratic in boson operators. II. Multimode case. *Journal of Mathematical Physics*, 18(3):408–412, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p408_s1.

Guler:1977:UAR

[815] Y. Güler. Unitary analytic representations of SL$(3, R)$. *Journal of Mathematical Physics*, 18(3):413–417, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p413_s1.

Berezdivin:1977:EIB

[816] R. Berezdivin and L. Herrera. Evolution of isometries in the Bondi formalism. *Journal of Mathematical Physics*, 18(3):418–423, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p418_s1.

Katzin:1977:TDDa

[817] Gerald H. Katzin, Jack Levine, and Robert N. Sane. Time-dependent dynamical symmetry mappings and associated constants of motion for classical particle systems. II. *Journal of Mathematical Physics*, 18(3): 424–431, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p424_s1.

Osborn:1977:ELT

[818] T. A. Osborn and D. Bollé. An extended Levinson's theorem. *Journal of Mathematical Physics*, 18(3):432–440, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p432_s1`.

Wodkiewicz:1977:SFI

[819] K. Wódkiewicz. Spin-frame independent variables in general relativity. *Journal of Mathematical Physics*, 18(3):441–444, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p441_s1`.

Volkel:1977:GOP

[820] A. H. Völkel. Global operator product expansions for free fields of arbitrary mass $m \geq 0$. *Journal of Mathematical Physics*, 18(3):445–452, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p445_s1`.

Mezincescu:1977:WET

[821] L. Mezincescu. Wigner–Eckart theorem for tensor operators of graded Lie algebras. *Journal of Mathematical Physics*, 18(3):453–455, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p453_s1`.

Mayer:1977:WDC

[822] D. H. Mayer. Wightman distributions on conformal space. *Journal of Mathematical Physics*, 18(3):456–464, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p456_s1`.

Hillion:1977:AFG

[823] Pierre Hillion. Approximating functions with a given singularity. *Journal of Mathematical Physics*, 18(3):465–470, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i3/p465_s1`.

Menikoff:1977:GIF

[824] R. Menikoff and D. H. Sharp. A gauge invariant formulation of quantum electrodynamics using local currents. *Journal of Mathematical*

Physics, 18(3):471–482, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p471_s1.

Srivastava:1977:MU

[825] Sushil K. Srivastava and Mahendra P. Pathak. Meta universe. *Journal of Mathematical Physics*, 18(3):483–486, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p483_s1.

Hori:1977:STE

[826] Motoo Hori. Statistical theory of effective electrical, thermal, and magnetic properties of random heterogeneous materials. VII. Comparison of different approaches. *Journal of Mathematical Physics*, 18(3):487–501, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p487_s1.

Houard:1977:IGL

[827] J. C. Houard. On invariance groups and Lagrangian theories. *Journal of Mathematical Physics*, 18(3):502–516, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p502_s1.

Ruijsenaars:1977:BTS

[828] S. N. M. Ruijsenaars. On Bogoliubov transformations for systems of relativistic charged particles. *Journal of Mathematical Physics*, 18(3):517–526, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p517_s1.

Palmer:1977:SCW

[829] P. F. Palmer. The singular coupling and weak coupling limits. *Journal of Mathematical Physics*, 18(3):527–529, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p527_s1.

Morris:1977:SSH

[830] H. C. Morris. Soliton solutions and the higher order Korteweg–de Vries equations. *Journal of Mathematical Physics*, 18(3):530–532, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p530_s1.

Morris:1977:PSA

[831] H. C. Morris. A prolongation structure for the AKNS system and its generalization. *Journal of Mathematical Physics*, 18(3):533–536, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p533_s1.

Zachary:1977:EWO

[832] W. W. Zachary. Erratum: "Wave operators for multichannel scattering by long-range potentials". *Journal of Mathematical Physics*, 18(3): 536, March 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i3/p536_s1. See [577].

Varatharajulu:1977:RRF

[833] V. Varatharajulu. Reciprocity relations and forward amplitude theorems for elastic waves. *Journal of Mathematical Physics*, 18(4):537–543, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p537_s1.

Pao:1977:PSS

[834] C. V. Pao. Positive solutions and subcriticality of energy dependent transport systems in slab geometry. *Journal of Mathematical Physics*, 18(4):544–550, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p544_s1.

Jarvis:1977:PWA

[835] P. D. Jarvis. Partial-wave analysis for supersymmetric scattering amplitudes. *Journal of Mathematical Physics*, 18(4):551–563, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p551_s1.

Doria:1977:LFN

[836] Francisco Antonio Doria. A Lagrangian formulation for noninteracting high-spin fields. *Journal of Mathematical Physics*, 18(4):564–571, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p564_s1.

Gunther:1977:GIT

[837] N. J. Günther and P. G. L. Leach. Generalized invariants for the time-dependent harmonic oscillator. *Journal of Mathematical Physics*, 18(4): 572–576, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p572_s1.

Dhar:1977:LEN

[838] Deepak Dhar. Lattices of effectively nonintegral dimensionality. *Journal of Mathematical Physics*, 18(4):577–585, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p577_s1. See [1128].

Das:1977:SGF

[839] A. Das and S. Kloster. Stationary gravitational fields of a dually charged perfect fluid. *Journal of Mathematical Physics*, 18(4):586–589, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p586_s1.

Baker:1977:RGS

[840] George A. Baker, Jr. and Samuel Krinsky. Renormalization group structure for translationally invariant ferromagnets. *Journal of Mathematical Physics*, 18(4):590–607, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p590_s1.

Jordan:1977:IVO

[841] Thomas F. Jordan. Identification of the velocity operator for an irreducible unitary representation of the Poincaré group. *Journal of Mathematical Physics*, 18(4):608–610, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p608_s1.

Wu:1977:ATM

[842] F. Y. Wu. Ashkin–Teller model as a vertex problem. *Journal of Mathematical Physics*, 18(4):611–613, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p611_s1.

Kiehn:1977:PMQ

[843] R. M. Kiehn. Periods on manifolds, quantization, and gauge. *Journal of Mathematical Physics*, 18(4):614–624, April 1977. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p614_s1. See comments [1065].

Winnberg:1977:SES

[844] J. O. Winnberg. Superfields as an extension of the spin representation of the orthogonal group. *Journal of Mathematical Physics*, 18(4):625–628, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p625_s1.

Carey:1977:AFQ

[845] A. L. Carey, J. M. Gaffney, and C. A. Hurst. A $C*$-algebra formulation of the quantization of the electromagnetic field. *Journal of Mathematical Physics*, 18(4):629–640, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p629_s1. See [1005].

Sohn:1977:GEE

[846] R. Sohn and K. Haller. Gauge equivalence of the electrodynamics of charged bosons. *Journal of Mathematical Physics*, 18(4):641–647, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p641_s1.

Raduta:1977:SDC

[847] A. A. Raduta, M. Badea, and E. Badralexe. A simple derivation of a closed formula for Bogoliubov boson transformations. *Journal of Mathematical Physics*, 18(4):648–650, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p648_s1.

Corcoran:1977:MTA

[848] C. T. Corcoran and P. W. Langhoff. Moment-theory approximations for nonnegative spectral densities. *Journal of Mathematical Physics*, 18(4):651–657, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p651_s1.

Cuer:1977:SET

[849] Michel Cuer. Some examples of transparent potentials in the classical approximation. *Journal of Mathematical Physics*, 18(4):658–661, April

1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p658_s1.

Henry:1977:FEF

[850] Leighton L. Henry. Free electromagnetic fields on a compact Lie group manifold. *Journal of Mathematical Physics*, 18(4):662–663, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p662_s1.

Einstein:1977:CSD

[851] S. Einstein and R. Finkelstein. A class of solutions of the Dirac equation in the Kerr–Newman space. *Journal of Mathematical Physics*, 18(4):664–671, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p664_s1.

Wainwright:1977:CSI

[852] J. Wainwright. Characterization of the Szekeres inhomogeneous cosmologies as algebraically special spacetimes. *Journal of Mathematical Physics*, 18(4):672–675, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p672_s1.

Pardee:1977:AEP

[853] W. J. Pardee. Acoustic emission and the plate Green's function. *Journal of Mathematical Physics*, 18(4):676–686, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p676_s1. See [1210].

Matsuno:1977:ESL

[854] Koichiro Matsuno. Ergodic state with least mean recurrence time in Markovian kinetics. *Journal of Mathematical Physics*, 18(4):687–689, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p687_s1.

Chiu:1977:GES

[855] S.-C. Chiu and J. F. Ladik. Generating exactly soluble nonlinear discrete evolution equations by a generalized Wronskian technique. *Journal of Mathematical Physics*, 18(4):690–700, April 1977. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p690_s1`.

Ladik:1977:SNN

[856] John F. Ladik and Shiu-Chu Chiu. Solutions of nonlinear network equations by the inverse scattering method. *Journal of Mathematical Physics*, 18(4):701–704, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p701_s1`.

Esposito:1977:GRM

[857] F. Paul Esposito and E. N. Glass. General relativistic magnetofluids. *Journal of Mathematical Physics*, 18(4):705–707, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p705_s1`.

Glass:1977:RSS

[858] E. N. Glass. Rotating steady state configurations in general relativity. *Journal of Mathematical Physics*, 18(4):708–711, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p708_s1`.

Khandekar:1977:PIO

[859] D. C. Khandekar and S. V. Lawande. Path integration of a one-dimensional three-body problem with three-body forces. *Journal of Mathematical Physics*, 18(4):712–716, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p712_s1`.

Znojil:1977:GMR

[860] M. Znojil. Generalized method of a resolvent operator expansion. *Journal of Mathematical Physics*, 18(4):717–719, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p717_s1`.

Ruijsenaars:1977:CPE

[861] S. N. M. Ruijsenaars. Charged particles in external fields. I. Classical theory. *Journal of Mathematical Physics*, 18(4):720–737, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p720_s1`.

Asgekar:1977:CMS

[862] G. G. Asgekar and T. H. Date. Collineations and motions in self-gravitating magnetofluids. *Journal of Mathematical Physics*, 18(4):738–742, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p738_s1`.

Basu:1977:NRS

[863] Debabrata Basu. Note on the representation spaces of $O(2,1)$. *Journal of Mathematical Physics*, 18(4):743–745, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p743_s1`.

Cheng:1977:MTS

[864] Kuo-Shung Cheng. Monopole theory without string. *Journal of Mathematical Physics*, 18(4):746–749, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p746_s1`.

Barston:1977:EPL

[865] E. M. Barston. Eigenvalue problem for Lagrangian systems. VIII. Eigenvalue bounds with application to fluid and plasma flows. *Journal of Mathematical Physics*, 18(4):750–755, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p750_s1`.

Misra:1977:ZPQ

[866] B. Misra and E. C. G. Sudarshan. The Zeno's paradox in quantum theory. *Journal of Mathematical Physics*, 18(4):756–763, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p756_s1`.

Kelley:1977:CEO

[867] C. T. Kelley. Convolution and H-equations for operator-valued functions with applications to neutron transport theory. *Journal of Mathematical Physics*, 18(4):764–769, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i4/p764_s1`.

Corum:1977:RRA

[868] James F. Corum. Relativistic rotation and the anholonomic object. *Journal of Mathematical Physics*, 18(4):770–776, April 1977. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p770_s1.

Demiralp:1977:DSS

[869] Metin Demiralp and Erdogan Suhubi. Discrete spectrum for a system of electrically charged particles. *Journal of Mathematical Physics*, 18(4): 777–785, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p777_s1.

Mizrahi:1977:SEQ

[870] Maurice M. Mizrahi. On the semiclassical expansion in quantum mechanics for arbitrary Hamiltonians. *Journal of Mathematical Physics*, 18(4): 786–790, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p786_s1.

Gilbert:1977:SQR

[871] J. Dennis Gilbert. Second-quantized representation for a model system with composite particles. *Journal of Mathematical Physics*, 18(4):791–805, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p791_s1.

Gutzwiller:1977:BST

[872] Martin C. Gutzwiller. Bernoulli sequences and trajectories in the anisotropic Kepler problem. *Journal of Mathematical Physics*, 18(4): 806–823, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p806_s1.

Eris:1977:FAH

[873] Ahmet Eris. Further applications of harmonic mappings of Riemannian manifolds to gravitational fields. *Journal of Mathematical Physics*, 18(4): 824–829, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p824_s1.

Arms:1977:LSE

[874] Judith M. Arms. Linearization stability of the Einstein–Maxwell system. *Journal of Mathematical Physics*, 18(4):830–833, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p830_s1.

Meiman:1977:TOD

[875] N. N. Meiman. The theory of one-dimensional Schrödinger operators with a periodic potential. *Journal of Mathematical Physics*, 18(4):834–848, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p834_s1.

Gruber:1977:MME

[876] B. Gruber and T. S. Santhanam. Multiquark models and the embedding of groups. *Journal of Mathematical Physics*, 18(4):849–853, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p849_s1.

Steiger:1977:EEE

[877] Arno D. Steiger. Erratum: "Electromagnetic eigenmode perturbations caused by deformation of a plasma core in a spherical cavity resonator". *Journal of Mathematical Physics*, 18(4):853, April 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i4/p853_s1. See [800].

Sudarshan:1977:CRR

[878] E. C. G. Sudarshan, M. A. K. Khalil, and W. J. Hurley. A criterion for reducibility of a relativistic wave equation. *Journal of Mathematical Physics*, 18(5):855–857, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p855_s1.

Shahinpoor:1977:AGT

[879] M. Shahinpoor. Asymmetric gas thermodynamics. *Journal of Mathematical Physics*, 18(5):858–861, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p858_s1. See [1275].

Pule:1977:CSI

[880] J. V. Pulè and A. Verbeure. Classical systems of infinitely many noninteracting particles. *Journal of Mathematical Physics*, 18(5):862–867, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p862_s1.

Whitman:1977:FIS

[881] Patrick G. Whitman. On a family of interior solutions for relativistic fluid spheres with possible applications to highly collapsed stellar objects. *Journal of Mathematical Physics*, 18(5):868–869, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p868_s1`.

Chacon:1977:GTC

[882] E. Chacón and M. Moshinsky. Group theory of the collective model of the nucleus. *Journal of Mathematical Physics*, 18(5):870–880, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p870_s1`.

Ray:1977:SIP

[883] J. R. Ray and John Charles Zimmerman. A systematic investigation of the Petrov G_4 types. *Journal of Mathematical Physics*, 18(5):881–884, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p881_s1`.

Lauten:1977:IST

[884] W. T. Lauten III and J. R. Ray. Investigations of space–times with four-parameter groups of motions acting on null hypersurfaces. *Journal of Mathematical Physics*, 18(5):885–888, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p885_s1`.

Krause:1977:LTS

[885] Jorge Krause. Lorentz transformations as space–time reflections. *Journal of Mathematical Physics*, 18(5):889–893, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p889_s1`.

Rosen:1977:CYF

[886] Lon Rosen. Construction of the Yukawa_2 field theory with a large external field. *Journal of Mathematical Physics*, 18(5):894–897, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p894_s1`.

Johnson:1977:BBS

[887] Russell A. Johnson. The bundle boundary in some special cases. *Journal of Mathematical Physics*, 18(5):898–902, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p898_s1.

Froman:1977:PIC

[888] Nanny Fröman and Per Olof Fröman. Phase-integral calculation of quantal matrix elements without the use of wavefunctions. *Journal of Mathematical Physics*, 18(5):903–906, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p903_s1.

Albeverio:1977:EFH

[889] Sergio Albeverio, Raphael Høegh-Krohn, and Ludwig Streit. Energy forms, Hamiltonians, and distorted Brownian paths. *Journal of Mathematical Physics*, 18(5):907–917, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p907_s1.

Avron:1977:ICS

[890] J. E. Avron, J. Zak, A. Grossmann, and L. Gunther. Instability of the continuous spectrum. The N-band Stark ladder. *Journal of Mathematical Physics*, 18(5):918–921, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p918_s1.

Newell:1977:SS

[891] Alan C. Newell. Synchronized solitons. *Journal of Mathematical Physics*, 18(5):922–926, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p922_s1.

vanHaeringen:1977:MER

[892] H. van Haeringen. T matrix and effective range function for Coulomb plus rational separable potentials especially for $l = 1$. *Journal of Mathematical Physics*, 18(5):927–940, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p927_s1.

vanHaeringen:1977:NBS

[893] H. van Haeringen, C. V. M. van der Mee, and R. van Wageningen. The number of bound states of the Coulomb plus Yamaguchi potential. *Jour-*

nal of Mathematical Physics, 18(5):941–943, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p941_s1.

Ferreira:1977:RTV

[894] Erasmo M. Ferreira, Ricardo Merí, and Javier Sesma. Regge trajectories for a velocity dependent potential. *Journal of Mathematical Physics*, 18(5):944–951, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p944_s1.

Kaiser:1977:PSA

[895] Gerald Kaiser. Phase-space approach to relativistic quantum mechanics. I. Coherent-state representation for massive scalar particles. *Journal of Mathematical Physics*, 18(5):952–959, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p952_s1.

Thorpe:1977:CIS

[896] John A. Thorpe. Curvature invariants and space–time singularities. *Journal of Mathematical Physics*, 18(5):960–964, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p960_s1.

Luehr:1977:NVC

[897] C. P. Luehr, M. Rosenbaum, M. P. Ryan, Jr., and L. C. Shepley. Nonstandard vector connections given by nonstandard spinor connections. *Journal of Mathematical Physics*, 18(5):965–970, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p965_s1.

Kapoor:1977:MSD

[898] A. K. Kapoor. Matrix superpropagators with derivatives. *Journal of Mathematical Physics*, 18(5):971–983, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p971_s1.

Molinet:1977:EUP

[899] Frédéric A. Molinet. Existence, uniqueness and properties of the solutions of the Boltzmann kinetic equation for a weakly ionized gas. I. *Journal of Mathematical Physics*, 18(5):984–996, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p984_s1.

Robbins:1977:PUI

[900] Steven Robbins. Paraboson uniqueness for infinitely many degrees of freedom. *Journal of Mathematical Physics*, 18(5):997–1005, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p997_s1.

Fahnline:1977:CCF

[901] Donald E. Fahnline. Covariant canonical formulation and centers of mass and motion for a relativistic two-body problem. *Journal of Mathematical Physics*, 18(5):1006–1011, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1006_s1.

Manoukian:1977:ABF

[902] Edward B. Manoukian. Asymptotic behavior of Feynman integrals with zero mass particles. *Journal of Mathematical Physics*, 18(5):1012–1014, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1012_s1.

Krips:1977:QTM

[903] H. Krips. Quantum theory and measures on Hilbert space. *Journal of Mathematical Physics*, 18(5):1015–1021, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1015_s1.

Boyer:1977:HTI

[904] Charles P. Boyer and Jerzy F. Plebañski. Heavens and their integral manifolds. *Journal of Mathematical Physics*, 18(5):1022–1031, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1022_s1.

Boyer:1977:SHJ

[905] C. P. Boyer and E. G. Kalnins. Symmetries of the Hamilton–Jacobi equation. *Journal of Mathematical Physics*, 18(5):1032–1045, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1032_s1.

Wolf:1977:SRF

[906] Kurt Bernardo Wolf. On self-reciprocal functions under a class of integral transforms. *Journal of Mathematical Physics*, 18(5):1046–1051, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1046_s1`.

Sutton:1977:SCA

[907] G. R. Sutton and J. J. McCoy. Spatial coherence of acoustic signals in randomly inhomogeneous waveguides — a multiple-scatter theory. *Journal of Mathematical Physics*, 18(5):1052–1057, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1052_s1`.

McCoy:1977:PFT

[908] Barry M. McCoy, Craig A. Tracy, and Tai Tsun Wu. Painlevé functions of the third kind. *Journal of Mathematical Physics*, 18(5):1058–1092, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1058_s1`.

Hsieh:1977:VMN

[909] Din-Yu Y. Hsieh. Variation method and nonlinear stability problems. *Journal of Mathematical Physics*, 18(5):1093–1104, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1093_s1`.

Naito:1977:RJM

[910] Seichi Naito. Rederivation of the Jin–Martin lower bound. *Journal of Mathematical Physics*, 18(5):1105–1106, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1105_s1`.

Buchholz:1977:DI

[911] Detlev Buchholz and Klaus Fredenhagen. Dilations and interaction. *Journal of Mathematical Physics*, 18(5):1107–1111, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1107_s1`.

Zorbas:1977:RES

[912] J. Zorbas. Renormalized off-energy-shell Coulomb scattering. *Journal of Mathematical Physics*, 18(5):1112–1120, May 1977. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1112_s1.

Buhring:1977:SEY

[913] Wolfgang Bühring. Schrödinger equation with Yukawa potential, a differential equation with two singular points. *Journal of Mathematical Physics*, 18(5):1121–1136, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1121_s1.

Haberman:1977:INC

[914] Richard Haberman. An infinite number of conservation laws for coupled nonlinear evolution equations. *Journal of Mathematical Physics*, 18(5):1137–1139, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1137_s1.

Schwartz:1977:ACP

[915] Charles Schwartz. Addendum: "A classical perturbation theory [J. Math. Phys. **18**, 110 (1977)]". *Journal of Mathematical Physics*, 18(5):1139, May 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i5/p1139_s1. See [761].

Bargmann:1977:SAF

[916] V. Bargmann and I. T. Todorov. Spaces of analytic functions on a complex cone as carriers for the symmetric tensor representations of SO(n). *Journal of Mathematical Physics*, 18(6):1141–1148, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1141_s1.

Barucchi:1977:CPC

[917] G. Barucchi and T. Regge. Conformal properties of a class of exactly solvable N-body problems in space dimension one. *Journal of Mathematical Physics*, 18(6):1149–1153, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1149_s1.

Cycon:1977:CEG

[918] H. Cycon and K.-E. Hellwig. Conditional expectations in generalized probability theory. *Journal of Mathematical Physics*, 18(6):1154–1161,

June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1154_s1`.

Laskar:1977:HWS

[919] W. Laskar. Highest weights of semisimple Lie algebras. *Journal of Mathematical Physics*, 18(6):1162–1177, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1162_s1`. See erratum [1091].

Lafon:1977:TPA

[920] J.-P. J. Lafon. On a topological problem arising in physics. *Journal of Mathematical Physics*, 18(6):1178–1187, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1178_s1`.

Cox:1977:KTK

[921] D. Cox. Kerr's theorem and the Kerr–Schild congruences. *Journal of Mathematical Physics*, 18(6):1188–1190, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1188_s1`.

McQuistan:1977:CNN

[922] Richmond B. McQuistan. Composite next nearest neighbor degeneracy. *Journal of Mathematical Physics*, 18(6):1191–1199, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1191_s1`.

McQuistan:1977:ENN

[923] R. B. McQuistan. Exact nearest neighbor statistics for λ-bell particles on a one-dimensional lattice. *Journal of Mathematical Physics*, 18(6):1200–1205, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1200_s1`.

Hansen:1977:KIR

[924] R. O. Hansen and Jeffrey Winicour. Killing inequalities for relativistically rotating fluids. II. *Journal of Mathematical Physics*, 18(6):1206–1209, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1206_s1`.

Quesne:1977:ISC

[925] C. Quesne. Inequivalent sets of commuting missing label operators for $SU(4) \subseteq SU(2) \times SU(2)$. *Journal of Mathematical Physics*, 18(6):1210–1211, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1210_s1.

Olver:1977:EEP

[926] Peter J. Olver. Evolution equations possessing infinitely many symmetries. *Journal of Mathematical Physics*, 18(6):1212–1215, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1212_s1.

DeFacio:1977:SUQ

[927] B. De Facio and C. L. Hammer. Symmetries of ultralocal quantum field theories. *Journal of Mathematical Physics*, 18(6):1216–1223, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1216_s1.

Stillinger:1977:ABS

[928] Frank H. Stillinger. Axiomatic basis for spaces with noninteger dimension. *Journal of Mathematical Physics*, 18(6):1224–1234, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1224_s1.

Lehr:1977:SDK

[929] William J. Lehr and James L. Park. A stochastic derivation of the Klein–Gordon equation. *Journal of Mathematical Physics*, 18(6):1235–1240, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1235_s1.

Crawford:1977:VMC

[930] Oakley H. Crawford. Variational methods for chemical and nuclear reactions. *Journal of Mathematical Physics*, 18(6):1241–1255, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1241_s1.

Macki:1977:ITD

[931] Jack W. Macki. Invariants for the time-dependent harmonic oscillator. *Journal of Mathematical Physics*, 18(6):1256–1258, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1256_s1.

Vazquez:1977:LSNa

[932] Luis Vazquez. Localized solutions of a nonlinear electromagnetic field. *Journal of Mathematical Physics*, 18(6):1259–1263, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1259_s1.

Woo:1977:PCT

[933] G. Woo. Pseudoparticle configurations in two-dimensional ferromagnets. *Journal of Mathematical Physics*, 18(6):1264–1266, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1264_s1.

Katzin:1977:TDDb

[934] Gerald H. Katzin and Jack Levine. Time-dependent dynamical symmetries and constants of motion III. Time-dependent harmonic oscillator. *Journal of Mathematical Physics*, 18(6):1267–1274, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1267_s1.

Baltes:1977:EDO

[935] H. P. Baltes and B. Steinle. Eigenfrequency density oscillations and Walfisz lattice sums. *Journal of Mathematical Physics*, 18(6):1275–1276, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1275_s1.

McKean:1977:PBP

[936] H. P. McKean. $-\Delta$ plus a bad potential. *Journal of Mathematical Physics*, 18(6):1277–1279, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1277_s1.

Vishveshwara:1977:RRD

[937] C. V. Vishveshwara and J. Winicour. Relativistically rotating dust cylinders. *Journal of Mathematical Physics*, 18(6):1280–1284, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1280_s1.

Olsson:1977:IDE

[938] P. O. M. Olsson. On the integration of the differential equations of five-parametric double-hypergeometric functions of second order. *Journal of Mathematical Physics*, 18(6):1285–1294, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1285_s1.

Weaver:1977:ASS

[939] D. L. Weaver. Algebraic solutions to some spin-1 problems. *Journal of Mathematical Physics*, 18(6):1295–1296, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1295_s1.

Deutsch:1977:EOC

[940] C. Deutsch. Erratum: "One-component plasma in $2 + \epsilon$ dimensions". *Journal of Mathematical Physics*, 18(6):1297, June 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i6/p1297_s1. See [632].

Forte:1977:REF

[941] B. Forte and C. C. A. Sastri. Representation of the entropy functional for a grand canonical ensemble in classical statistical mechanics. *Journal of Mathematical Physics*, 18(7):1299–1302, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1299_s1.

Eris:1977:SAS

[942] A. Eris and M. Gürses. Stationary axially symmetric solutions of Einstein–Maxwell massless scalar field equations. *Journal of Mathematical Physics*, 18(7):1303–1304, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1303_s1.

Norris:1977:FST

[943] L. K. Norris, L. H. Green, and W. R. Davis. Fluid space–times including electromagnetic fields admitting symmetry mappings belonging to the family of contracted Ricci collineations. *Journal of Mathematical*

Physics, 18(7):1305–1311, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1305_s1.

Rund:1977:EMT

[944] Hanno Rund. Energy-momentum tensors in the theory of electromagnetic fields admitting electric and magnetic charge distributions. *Journal of Mathematical Physics*, 18(7):1312–1315, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1312_s1.

Keizer:1977:MED

[945] Joel Keizer. On the macroscopic equivalence of descriptions of fluctuations for chemical reactions. *Journal of Mathematical Physics*, 18(7):1316–1321, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1316_s1.

DeCanniere:1977:DPO

[946] J. De Cannière, J. Pulè, P. Vanheuverzwijn, and A. Verbeure. Dispersive properties and observables at infinity for classical KMS systems. *Journal of Mathematical Physics*, 18(7):1322–1326, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1322_s1.

Gzyl:1977:QSS

[947] Henryk Gzyl. Quantum system subject to random pulses. *Journal of Mathematical Physics*, 18(7):1327–1329, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1327_s1. See comments [1451].

Spero:1977:ASG

[948] Alan Spero and Ralph Baierlein. Approximate symmetry groups of inhomogeneous metrics. *Journal of Mathematical Physics*, 18(7):1330–1340, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1330_s1.

Vazquez:1977:LSNb

[949] Luis Vazquez. Localized solutions of a nonlinear scalar field with a scalar potential. *Journal of Mathematical Physics*, 18(7):1341–1342, July

1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1341_s1.

Vazquez:1977:SLS

[950] Luis Vazquez. Stationary localized solutions in nonlinear classical fields. *Journal of Mathematical Physics*, 18(7):1343–1347, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1343_s1.

Newton:1977:NPG

[951] Roger G. Newton. Noncentral potentials: The generalized Levinson theorem and the structure of the spectrum. *Journal of Mathematical Physics*, 18(7):1348–1357, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1348_s1.

Drechsler:1977:GCF

[952] W. Drechsler. Group contraction in a fiber bundle with Cartan connection. *Journal of Mathematical Physics*, 18(7):1358–1366, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1358_s1.

Ahner:1977:CIP

[953] Henry F. Ahner and Allan E. Moose. Covariant inverse problem of the calculus of variations. *Journal of Mathematical Physics*, 18(7):1367–1373, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1367_s1. See corrigendum [1414].

Collins:1977:SSS

[954] C. B. Collins. Static stars : Some mathematical curiosities. *Journal of Mathematical Physics*, 18(7):1374–1377, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1374_s1.

Brans:1977:CIC

[955] Carl H. Brans. Complete integrability conditions of the Einstein–Petrov equations, type I. *Journal of Mathematical Physics*, 18(7):1378–1381, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1378_s1.

Daumens:1977:ORG

[956] M. Daumens and M. Perroud. Orbits of the rotation group on the density matrices of spin-1 particles. *Journal of Mathematical Physics*, 18(7): 1382–1386, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1382_s1.

Nwachuku:1977:GFE

[957] C. O. Nwachuku and M. A. Rashid. Generating functions for the eigenvalues of the Casimir operators of the orthogonal and symplectic groups. *Journal of Mathematical Physics*, 18(7):1387–1391, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1387_s1.

Gates:1977:HDD

[958] D. J. Gates. Hydrostatic density distribution of fluids in steep field gradients and near critical points. *Journal of Mathematical Physics*, 18(7): 1392–1398, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1392_s1.

Malament:1977:CCT

[959] David B. Malament. The class of continuous timelike curves determines the topology of spacetime. *Journal of Mathematical Physics*, 18(7):1399–1404, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1399_s1.

Magri:1977:ETN

[960] Franco Magri. Equivalence transformations for nonlinear evolution equations. *Journal of Mathematical Physics*, 18(7):1405–1411, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1405_s1.

Chen:1977:IAS

[961] F. C. Chen and K. Young. Inclusions of arbitrary shape in an elastic medium. *Journal of Mathematical Physics*, 18(7):1412–1416, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1412_s1.

Eichinger:1977:GCS

[962] B. E. Eichinger. Geometrization of configuration space. *Journal of Mathematical Physics*, 18(7):1417–1428, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1417_s1.

Actor:1977:PTD

[963] Alfred Actor. Polarization theorem for diffractive excitation at large momentum transfer. *Journal of Mathematical Physics*, 18(7):1429–1433, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1429_s1.

Bohm:1977:MEV

[964] A. Böhm and R. B. Teese. Matrix elements of vector and axial vector operators in an algebraic formulation of baryon decays. *Journal of Mathematical Physics*, 18(7):1434–1448, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1434_s1.

Patera:1977:SRT

[965] J. Patera and P. Winternitz. Subalgebras of real three- and four-dimensional Lie algebras. *Journal of Mathematical Physics*, 18(7):1449–1455, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1449_s1.

Jaric:1977:NAM

[966] Marko V. Jarić and Joseph L. Birman. New algorithms for the Molien function. *Journal of Mathematical Physics*, 18(7):1456–1458, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1456_s1.

Jaric:1977:CMG

[967] Marko V. Jarić and Joseph L. Birman. Calculation of the Molien generating function for invariants of space groups. *Journal of Mathematical Physics*, 18(7):1459–1465, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1459_s1. See [1066].

Singh:1977:ARR

[968] S. R. Singh. On approximating the resolvent of a rotated Hamiltonian in the scattering region. *Journal of Mathematical Physics*, 18(7):1466–1469, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1466_s1.

Singh:1977:EBS

[969] S. R. Singh and G. Turchetti. Error bounds on some approximate solutions of the Fredholm equations and applications to potential scattering and bound state problems. *Journal of Mathematical Physics*, 18(7):1470–1475, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1470_s1.

Gervois:1977:BLT

[970] A. Gervois and M. L. Mehta. Broken linear transformations. *Journal of Mathematical Physics*, 18(7):1476–1479, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1476_s1.

Wanders:1977:BLG

[971] G. Wanders and E. Morenzoni. Bounds for ladder graph scattering amplitudes on the boundary of their cut. *Journal of Mathematical Physics*, 18(7):1480–1484, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1480_s1.

Motoyama:1977:KDP

[972] Akiko Motoyama and Haruo Hosoya. King and domino polynomials for polyomino graphs. *Journal of Mathematical Physics*, 18(7):1485–1490, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1485_s1.

Lovelock:1977:BFT

[973] David Lovelock. Bivector field theories, divergence-free vectors and the Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 18(7):1491–1498, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1491_s1.

Truman:1977:CAN

[974] Aubrey Truman. The classical action in nonrelativistic quantum mechanics. *Journal of Mathematical Physics*, 18(7):1499–1509, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1499_s1`.

Bongaarts:1977:MEA

[975] P. J. M. Bongaarts. Maxwell's equations in axiomatic quantum field theory. I. Field tensor and potentials. *Journal of Mathematical Physics*, 18(7):1510–1516, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1510_s1`.

Hacyan:1977:KSP

[976] S. Hacyan and J. F. Plebański. $D(1,0)$ Killing structures and ϵ potentials. *Journal of Mathematical Physics*, 18(7):1517–1519, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1517_s1`.

Patera:1977:EHI

[977] J. Patera, R. T. Sharp, and P. Winternitz. Erratum: "Higher indices of group representations". *Journal of Mathematical Physics*, 18(7):1519, July 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i7/p1519_s1`. See [709].

Miklavc:1977:QAR

[978] Adolf Miklavc. Quantum axiomatics, representation theorem, and communicability of observations in physics. *Journal of Mathematical Physics*, 18(8):1521–1525, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1521_s1`.

Miklavc:1977:FQM

[979] Adolf Miklavc. On the field of the quantum mechanical Hilbert space. *Journal of Mathematical Physics*, 18(8):1526–1528, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1526_s1`.

Kinnersley:1977:SSEa

[980] William Kinnersley. Symmetries of the stationary Einstein–Maxwell field equations. I. *Journal of Mathematical Physics*, 18(8):1529–1537, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1529_s1.

Kinnersley:1977:SSEb

[981] William Kinnersley and D. M. Chitre. Symmetries of the stationary Einstein–Maxwell field equations. II. *Journal of Mathematical Physics*, 18(8):1538–1542, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1538_s1.

Gordon:1977:SSC

[982] Paul Gordon. Stability of solutions of the compressible Navier–Stokes equations. *Journal of Mathematical Physics*, 18(8):1543–1552, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1543_s1.

Carey:1977:FMQ

[983] A. L. Carey and C. A. Hurst. The Fermi method of quantizing the electromagnetic field as a model for quantum field theory. *Journal of Mathematical Physics*, 18(8):1553–1561, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1553_s1.

Weber:1977:WSP

[984] T. A. Weber and C. L. Hammer. Wavepacket scattering in potential theory. *Journal of Mathematical Physics*, 18(8):1562–1567, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1562_s1.

Tipler:1977:CSS

[985] Frank J. Tipler. Causally symmetric spacetimes. *Journal of Mathematical Physics*, 18(8):1568–1573, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1568_s1.

Ling:1977:ABI

[986] Rina Ling. Asymptotic behavior of integral and integrodifferential equations. *Journal of Mathematical Physics*, 18(8):1574–1576, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1574_s1.

Alonso:1977:GTF

[987] L. Martinez Alonso. Group theoretical foundations of classical and quantum mechanics. I. Observables associated with Lie algebras. *Journal of Mathematical Physics*, 18(8):1577–1581, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1577_s1.

Newton:1977:NIG

[988] Roger G. Newton. Nonlocal interactions: The generalized Levinson theorem and the structure of the spectrum. *Journal of Mathematical Physics*, 18(8):1582–1588, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1582_s1.

Kuchar:1977:GTS

[989] Karel Kuchař. Geometrodynamics with tensor sources. IV. *Journal of Mathematical Physics*, 18(8):1589–1597, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1589_s1.

Dollard:1977:PIS

[990] John D. Dollard and Charles N. Friedman. Product integrals and the Schrödinger equation. *Journal of Mathematical Physics*, 18(8):1598–1607, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1598_s1.

Leach:1977:TTD

[991] P. G. L. Leach. On the theory of time-dependent linear canonical transformations as applied to Hamiltonians of the harmonic oscillator type. *Journal of Mathematical Physics*, 18(8):1608–1611, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1608_s1.

delaPena-Auerbach:1977:DQM

[992] L. de la Peña-Auerbach and A. M. Cetto. Derivation of quantum mechanics from stochastic electrodynamics. *Journal of Mathematical Physics*, 18(8):1612–1622, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1612_s1`.

Martin:1977:IZE

[993] André Martin and Pierre C. Sabatier. Impedance, zero energy wavefunction, and bound states. *Journal of Mathematical Physics*, 18(8):1623–1626, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1623_s1`.

Schorr:1977:VSB

[994] Amir Schorr. Varieties of symmetry breaking in a class of gauge theories. *Journal of Mathematical Physics*, 18(8):1627–1639, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1627_s1`.

Schorr:1977:SSB

[995] Amir Schorr. Spontaneous symmetry breaking of $\mathrm{U}_1(M) \otimes \mathrm{U}_2(M) \otimes \mathrm{U}_3(M)$ with colored Higgs particles. *Journal of Mathematical Physics*, 18(8):1640–1649, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1640_s1`.

Kac:1977:CFS

[996] Mark Kac and Colin J. Thompson. Correlation functions in the spherical and mean spherical models. *Journal of Mathematical Physics*, 18(8):1650–1653, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1650_s1`.

Lamb:1977:SMS

[997] G. L. Lamb, Jr. Solitons on moving space curves. *Journal of Mathematical Physics*, 18(8):1654–1661, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1654_s1`.

Finley:1977:SSE

[998] J. D. Finley III and J. F. Plebański. Spinorial structures and electromagnetic hyperheavens. *Journal of Mathematical Physics*, 18(8):1662–1667, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1662_s1.

Szafron:1977:CIP

[999] D. A. Szafron and J. Wainwright. A class of inhomogeneous perfect fluid cosmologies. *Journal of Mathematical Physics*, 18(8):1668–1672, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1668_s1.

Szafron:1977:ICN

[1000] D. A. Szafron. Inhomogeneous cosmologies: New exact solutions and their evolution. *Journal of Mathematical Physics*, 18(8):1673–1677, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1673_s1.

Schindler:1977:DTP

[1001] Susan Schindler and R. Mirman. The decomposition of the tensor product of representations of the symmetric group. *Journal of Mathematical Physics*, 18(8):1678–1696, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1678_s1.

Schindler:1977:CGC

[1002] Susan Schindler and R. Mirman. The Clebsch–Gordan coefficients of S_n. *Journal of Mathematical Physics*, 18(8):1697–1704, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1697_s1. See addendum [1556].

Humi:1977:ISC

[1003] Mayer Humi. Invariant solutions for a class of diffusion equations. *Journal of Mathematical Physics*, 18(8):1705–1708, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1705_s1.

Baur:1977:EZG

[1004] M. E. Baur and R. M. Sinder. Erratum: "Zeros of the grand canonical partition function: Generalization of a result of Lee and Yang". *Journal of Mathematical Physics*, 18(8):1708, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1708_s1`. See [733].

Carey:1977:ECA

[1005] A. L. Carey, J. M. Gaffney, and C. A. Hurst. Erratum: "A $C*$-algebra formulation of the quantization of the electromagnetic field". *Journal of Mathematical Physics*, 18(8):1708, August 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i8/p1708_s2`. See [845].

Klauder:1977:AFO

[1006] John R. Klauder. Affine fields and the operator formulation of augmented scalar fields. *Journal of Mathematical Physics*, 18(9):1711–1719, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1711_s1`.

Rodrigues:1977:GFG

[1007] Paulo R. Rodrigues. On generating forms of K-generalized Lagrangian and Hamiltonian systems. *Journal of Mathematical Physics*, 18(9):1720–1723, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1720_s1`.

Patil:1977:DSE

[1008] K. R. Patil and N. K. Thakare. On dual series equations involving Konhauser biorthogonal polynomials. *Journal of Mathematical Physics*, 18(9):1724–1726, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1724_s1`.

Dadhich:1977:ECG

[1009] Naresh Dadhich and P. P. Kale. Equatorial circular geodesics in the Kerr–Newman geometry. *Journal of Mathematical Physics*, 18(9):1727–1728, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1727_s1`.

Grewe:1977:KSEa

[1010] N. Grewe and W. Klein. The Kirkwood–Salsburg equations for a bounded stable Kac potential. I. General theory and asymptotic solutions. *Journal of Mathematical Physics*, 18(9):1729–1734, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1729_s1.

Grewe:1977:KSEb

[1011] N. Grewe and W. Klein. The Kirkwood–Salsburg equations for a bounded stable Kac potential. II. Instability and phase transitions. *Journal of Mathematical Physics*, 18(9):1735–1740, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1735_s1.

Kalnins:1977:LTWc

[1012] E. G. Kalnins and W. Miller, Jr. Lie theory and the wave equation in space–time. 5. R-separable solutions of the wave equation $\psi_{tt} - \Delta_3\psi = 0$. *Journal of Mathematical Physics*, 18(9):1741–1751, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1741_s1.

Lee:1977:CCI

[1013] L. L. Lee. Continuum calculus. II. The heterogeneous continuous functional differentiation applied to the Feynman path integral. *Journal of Mathematical Physics*, 18(9):1752–1755, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1752_s1.

Woo:1977:TEH

[1014] G. Woo. The topology of Euclidean Higgs fields. *Journal of Mathematical Physics*, 18(9):1756–1758, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1756_s1.

Yoneya:1977:TEY

[1015] Tamiaki Yoneya. Topology of Euclidean Yang–Mills fields: instantons and monopoles. *Journal of Mathematical Physics*, 18(9):1759–1762, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1759_s1.

Gonzalez-Gascon:1977:NSS

[1016] F. Gonzalez-Gascon. Notes on the symmetries of systems of differential equations. *Journal of Mathematical Physics*, 18(9):1763–1767, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1763_s1.

Wong:1977:BME

[1017] M. K. F. Wong and Hsin-Yang Yeh. Boost matrix elements and Clebsch–Gordan coefficients of the homogeneous Lorentz group. *Journal of Mathematical Physics*, 18(9):1768–1781, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1768_s1.

Weir:1977:CKT

[1018] G. J. Weir. Conformal Killing tensors in reducible spaces. *Journal of Mathematical Physics*, 18(9):1782–1787, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1782_s1.

Malin:1977:MEE

[1019] S. Malin. Maxwell's equations in an expanding universe. *Journal of Mathematical Physics*, 18(9):1788–1790, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1788_s1.

Maduemezia:1977:FBS

[1020] Awele Maduemezia. Fibre-bundle structure of thermodynamic states. *Journal of Mathematical Physics*, 18(9):1791–1793, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1791_s1.

Glassey:1977:BSC

[1021] R. T. Glassey. On the blowing up of solutions to the Cauchy problem for nonlinear Schrödinger equations. *Journal of Mathematical Physics*, 18(9):1794–1797, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1794_s1.

Gowdy:1977:ICS

[1022] Robert H. Gowdy. Instantaneous Cauchy surfaces, topology change, and exploding black holes. *Journal of Mathematical Physics*, 18(9):1798–

1801, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1798_s1.

Richardson:1977:PLL

[1023] R. W. Richardson. Pairing in the limit of a large number of particles. *Journal of Mathematical Physics*, 18(9):1802–1811, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1802_s1.

Lerner:1977:TIR

[1024] David E. Lerner. Twistors and induced representations of SU(2, 2). *Journal of Mathematical Physics*, 18(9):1812–1817, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1812_s1.

Barker:1977:PNT

[1025] B. M. Barker and R. F. O'Connell. Post-Newtonian two-body and n-body problems with electric charge in general relativity. *Journal of Mathematical Physics*, 18(9):1818–1824, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1818_s1. See [1329].

Ziff:1977:BDF

[1026] Robert M. Ziff. On the bulk distribution functions and fluctuation theorems. *Journal of Mathematical Physics*, 18(9):1825–1831, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1825_s1.

Chen:1977:MSI

[1027] Etang Chen. Markov systems of imprimitivity. *Journal of Mathematical Physics*, 18(9):1832–1837, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1832_s1.

Phares:1977:GTL

[1028] Alain J. Phares. A general theory of linear finite-difference equations with a few applications. *Journal of Mathematical Physics*, 18(9):1838–1848, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1838_s1.

Fackerell:1977:SWA

[1029] Edward D. Fackerell and Robert G. Crossman. Spin-weighted angular spheroidal functions. *Journal of Mathematical Physics*, 18(9):1849–1854, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1849_s1.

Cornille:1977:GIE

[1030] Henri Cornille. Generalization of the inversion equations and application to nonlinear partial differential equations. I. *Journal of Mathematical Physics*, 18(9):1855–1869, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1855_s1.

Bincer:1977:LO

[1031] Adam M. Bincer. U(n) lowering operators. *Journal of Mathematical Physics*, 18(9):1870, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1870_s1.

Luban:1977:ESL

[1032] Marshall Luban and Batya Nudler-Blum. Exact solution for the linear response of a hydrogenic atom to an external electromagnetic field. I. Frequencies below photoelectric threshold. *Journal of Mathematical Physics*, 18(9):1871–1881, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1871_s1.

Luban:1977:CSV

[1033] Marshall Luban and Moshe Deutsch. Classes of solvable Volterra integral equations. *Journal of Mathematical Physics*, 18(9):1882, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1882_s1.

Lohe:1977:SPS

[1034] M. A. Lohe, L. C. Biedenharn, and J. D. Louck. Structural properties of the self-conjugate SU(3) tensor operators. *Journal of Mathematical Physics*, 18(9):1883–1891, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1883_s1.

Hai:1977:RCQ

[1035] Yao Te Hai. A remark on the construction of quantum fields from Markov fields. *Journal of Mathematical Physics*, 18(9):1892–1897, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i9/p1892_s1.

Yao:1977:RCQ

[1036] T. H. Yao. A remark on the construction of quantum fields from Markov fields. *Journal of Mathematical Physics*, 18(9):1892–1897, September 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

Ray:1977:SMF

[1037] Dipankar Ray. Scalar meson fields in a conformally flat space. *Journal of Mathematical Physics*, 18(10):1899–1901, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1899_s1.

Leach:1977:IWS

[1038] P. G. L. Leach. Invariants and wavefunctions for some time-dependent harmonic oscillator-type Hamiltonians. *Journal of Mathematical Physics*, 18(10):1902–1907, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1902_s1.

Lavine:1977:GSP

[1039] Richard Lavine and Michael O'Carroll. Ground state properties and lower bounds for energy levels of a particle in a uniform magnetic field and external potential. *Journal of Mathematical Physics*, 18(10):1908–1912, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1908_s1.

Challifour:1977:SFP

[1040] John L. Challifour and Steven P. Slinker. On Schwinger functionals-positive extensions, moment problems, and representations. *Journal of Mathematical Physics*, 18(10):1913–1917, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1913_s1.

Coll:1977:EEK

[1041] Bartolomé Coll. On the evolution equations for Killing fields. *Journal of Mathematical Physics*, 18(10):1918–1922, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1918_s1`.

Lloyd-Evans:1977:GAS

[1042] D. J. R. Lloyd-Evans. Geometric aspects of supergauge theory. *Journal of Mathematical Physics*, 18(10):1923–1927, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1923_s1`.

Ramanathan:1977:CNP

[1043] G. V. Ramanathan. Correlations near phase transition in a simple fluid. *Journal of Mathematical Physics*, 18(10):1928–1934, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1928_s1`.

Wu:1977:SAC

[1044] Alfred C. T. Wu. Structure of the Azzarelli–Collas representation for the scattering amplitude and generalization to the Rice representation and the Euler–Pochhammer representation. *Journal of Mathematical Physics*, 18(10):1935–1937, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1935_s1`.

Major:1977:QMR

[1045] M. E. Major. The quantum mechanical representations of the anisotropic harmonic oscillator group. *Journal of Mathematical Physics*, 18(10):1938–1943, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1938_s1`.

Major:1977:ADA

[1046] M. E. Major. On the accidental degeneracy of the anisotropic harmonic oscillator. I. *Journal of Mathematical Physics*, 18(10):1944–1951, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1944_s1`.

Major:1977:NGD

[1047] M. E. Major. A noninvariance group for the n-dimensional isotropic harmonic oscillator. *Journal of Mathematical Physics*, 18(10):1952–1957, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1952_s1`.

Major:1977:ADD

[1048] M. E. Major. On the accidental degeneracy of the n-dimensional anisotropic harmonic oscillator. II. *Journal of Mathematical Physics*, 18(10):1958–1965, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1958_s1`.

Stelzer:1977:FQE

[1049] M. Stelzer, J. Mühlstein, and V. Ernst. A finite quantum electrodynamical base for many photon collective phenomena. *Journal of Mathematical Physics*, 18(10):1966–1977, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1966_s1`.

Kohler:1977:MSS

[1050] Werner E. Kohler. A multiple-scales space–time analysis of a randomly perturbed one-dimensional wave equation. *Journal of Mathematical Physics*, 18(10):1978–1984, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1978_s1`.

Greenberg:1977:IFL

[1051] William Greenberg. The interaction function and lattice duals. *Journal of Mathematical Physics*, 18(10):1985–1986, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1985_s1`.

Tilgner:1977:ELG

[1052] Hans Tilgner. Extensions of Lie-graded algebras. *Journal of Mathematical Physics*, 18(10):1987–1991, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1987_s1`.

Kannenberg:1977:IIN

[1053] L. Kannenberg. Invariant integrals in nonmetric supersymmetry spaces. *Journal of Mathematical Physics*, 18(10):1992–1995, October 1977.

CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1992_s1.

Chui:1977:EOD

[1054] S. T. Chui and H. L. Frisch. The equivalence of a one-dimensional turbulence problem and the one-dimensional Coulomb gas. *Journal of Mathematical Physics*, 18(10):1996–1997, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1996_s1.

Gibbs:1977:NTP

[1055] Alan G. Gibbs and Edward W. Larsen. Neutron transport in plane geometry with general anisotropic, energy-dependent scattering. *Journal of Mathematical Physics*, 18(10):1998–2007, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p1998_s1.

Keener:1977:GFL

[1056] J. P. Keener and D. W. McLaughlin. A Green's function for a linear equation associated with solitons. *Journal of Mathematical Physics*, 18(10):2008–2013, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2008_s1.

Ehlers:1977:PSM

[1057] Jürgen Ehlers and Egon Köhler. Path structures on manifolds. *Journal of Mathematical Physics*, 18(10):2014–2018, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2014_s1.

Ling:1977:UVS

[1058] Rina Ling. Uniformly valid solutions of Volterra integral equations. *Journal of Mathematical Physics*, 18(10):2019–2025, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2019_s1.

Hamilton:1977:CDE

[1059] M. J. Hamilton and A. Das. On the combined Dirac–Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 18(10):2026–2030, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2026_s1.

Scarfone:1977:QAB

[1060] Leonard M. Scarfone and James A. Burns. The N-quantum approximation in the Bronzan–Lee extended-source static model. *Journal of Mathematical Physics*, 18(10):2031–2043, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2031_s1.

Case:1977:SRW

[1061] K. M. Case and S. C. Chiu. Some remarks on the Wronskian technique and the inverse scattering transform. *Journal of Mathematical Physics*, 18(10):2044–2052, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2044_s1.

Bonora:1977:SPC

[1062] L. Bonora and P. Pasti. Spectral properties of completely monotonic operators. *Journal of Mathematical Physics*, 18(10):2053–2064, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2053_s1.

Dirl:1977:IPR

[1063] R. Dirl. Induced projective representations. *Journal of Mathematical Physics*, 18(10):2065–2080, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2065_s1.

Hongoh:1977:CSA

[1064] M. Hongoh. Coherent states associated with the continuous spectrum of noncompact groups. *Journal of Mathematical Physics*, 18(10):2081–2084, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2081_s1.

Post:1977:CPM

[1065] E. J. Post. Comments on “Periods on manifolds, quantization, and gauge” by R. M. Kiehn [J. Math. Phys. **18**, 614 (1977)]. *Journal of Mathematical Physics*, 18(10):2084, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2084_s1. See [843].

Jaric:1977:ECM

[1066] Marko V. Jarić and Joseph L. Birman. Erratum: "Calculation of the Molien generating function for invariants of space groups". *Journal of Mathematical Physics*, 18(10):2085, October 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i10/p2085_s1. See [967].

Fabec:1977:FPS

[1067] Raymond C. Fabec. Free particle systems and their dynamics in de Sitter space. *Journal of Mathematical Physics*, 18(11):2087–2091, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2087_s1.

Srivastava:1977:TDU

[1068] Sushil K. Srivastava. A tachyon dust universe. *Journal of Mathematical Physics*, 18(11):2092–2096, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2092_s1.

Talukdar:1977:MWS

[1069] B. Talukdar and M. N. Sinha Ray. K-matrix for the Woods–Saxon potential. *Journal of Mathematical Physics*, 18(11):2097–2098, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2097_s1.

Pulvirenti:1977:SEK

[1070] M. Pulvirenti. Stability, equilibrium and KMS for an infinite classical system. *Journal of Mathematical Physics*, 18(11):2099–2103, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2099_s1.

Ekhaguere:1977:NMP

[1071] G. O. S. Ekhaguere. On notions of Markov property. *Journal of Mathematical Physics*, 18(11):2104–2107, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2104_s1.

Berryman:1977:ESP

[1072] James G. Berryman. Evolution of a stable profile for a class of nonlinear diffusion equations with fixed boundaries. *Journal of Mathematical*

Physics, 18(11):2108–2115, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2108_s1.

Collins:1977:GSK

[1073] C. B. Collins. Global structure of the "Kantowski–Sachs" cosmological models. *Journal of Mathematical Physics*, 18(11):2116–2124, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2116_s1.

Goldoni:1977:NCV

[1074] Riccardo Goldoni. A necessary condition for the validity of Huygens' principle on a curved space–time. *Journal of Mathematical Physics*, 18 (11):2125–2128, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2125_s1.

Fulinski:1977:PSP

[1075] A. Fuliński and C. Jedrzejek. Perturbation solution of the Percus–Yevick equation for the square-mound potential. *Journal of Mathematical Physics*, 18(11):2129–2132, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2129_s1.

Haba:1977:FEE

[1076] Z. Haba. Functional equations for extended hadrons. *Journal of Mathematical Physics*, 18(11):2133–2137, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2133_s1.

Srinivas:1977:QCP

[1077] M. D. Srinivas. Quantum counting processes. *Journal of Mathematical Physics*, 18(11):2138–2145, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2138_s1.

Nackoney:1977:GIB

[1078] Raymond W. Nackoney. The gravitational influence of a beam of light of variable flux. *Journal of Mathematical Physics*, 18(11):2146–2152, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2146_s1.

Moreno:1977:SPN

[1079] Carlos Moreno. Spaces of positive and negative frequency solutions of field equations in curved space–times. I. The Klein–Gordon equation in stationary space–times. *Journal of Mathematical Physics*, 18(11):2153–2161, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2153_s1.

Napiorkowski:1977:NRA

[1080] Marek Napiórkowski. A note on the range of the applicability of the Ornstein–Zernike theory in the van der Waals model. *Journal of Mathematical Physics*, 18(11):2162–2165, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2162_s1.

Kraus:1977:GID

[1081] K. Kraus, L. Polley, and G. Reents. Generators of infinite direct products of unitary groups. *Journal of Mathematical Physics*, 18(11):2166–2171, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2166_s1.

Gross:1977:STP

[1082] Eugene P. Gross. Sequences of transformations for particle-field Hamiltonians. *Journal of Mathematical Physics*, 18(11):2172–2176, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2172_s1.

Brihaye:1977:MMG

[1083] Y. Brihaye and J. Nuyts. Magnetic monopoles in SU(4) gauge theories. *Journal of Mathematical Physics*, 18(11):2177–2190, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2177_s1.

Kloster:1977:SGF

[1084] S. Kloster and A. Das. Stationary gravitational fields of a charged perfect fluid. *Journal of Mathematical Physics*, 18(11):2191–2193, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2191_s1.

Raju:1977:LMP

[1085] Cvavb. Chandra Raju. Lee model with $3V$ particles. *Journal of Mathematical Physics*, 18(11):2194–2203, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2194_s1`.

Dixon:1977:FBI

[1086] Geoffrey Dixon. Fermi–Bose and internal symmetries with universal Clifford algebras. *Journal of Mathematical Physics*, 18(11):2204–2206, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2204_s1`.

Corones:1977:LGF

[1087] James Corones, B. L. Markovski, and V. A. Rizov. A Lie group framework for soliton equations. I. Path independent case. *Journal of Mathematical Physics*, 18(11):2207–2213, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2207_s1`.

Antippa:1977:DPA

[1088] Adel F. Antippa. Discrete path approach to linear recursion relations. *Journal of Mathematical Physics*, 18(11):2214–2222, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2214_s1`.

Coz:1977:TKD

[1089] Marcel Coz and Pierre Rochus. The translation kernel in the n-dimensional scattering problem. *Journal of Mathematical Physics*, 18(11):2223–2231, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2223_s1`.

Coz:1977:TKV

[1090] M. Coz and P. Rochus. Translation kernels for velocity dependent interactions. *Journal of Mathematical Physics*, 18(11):2232–2240, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2232_s1`.

Laskar:1977:EHW

[1091] W. Laskar. Erratum: "Higher [i.e., highest] weights of semisimple Lie algebras", [J. Math. Phys. **18**, 1162 (1977)]. *Journal of Mathematical Physics*, 18(11):2240, November 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i11/p2240_s1. See [919].

Moses:1977:GGL

[1092] H. E. Moses. A generalization of the Gel'fand–Levitan equation for the one-dimensional Schrödinger equation. *Journal of Mathematical Physics*, 18(12):2243–2250, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2243_s1.

Joseph:1977:MSL

[1093] R. I. Joseph. Multi-soliton-like solutions to the Benjamin–Ono equation. *Journal of Mathematical Physics*, 18(12):2251–2258, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2251_s1.

Patera:1977:CSG

[1094] J. Patera, R. T. Sharp, P. Winternitz, and H. Zassenhaus. Continuous sub-group of the fundamental groups of physics. III. The de Sitter groups. *Journal of Mathematical Physics*, 18(12):2259–2288, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2259_s1.

Benioff:1977:FIM

[1095] Paul A. Benioff. Finite and infinite measurement sequences in quantum mechanics and randomness: The Everett interpretation. *Journal of Mathematical Physics*, 18(12):2289–2295, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2289_s1.

Hostler:1977:VSH

[1096] Levere Hostler. Vector spherical harmonics of the unit hyperboloid in Minkowski space. *Journal of Mathematical Physics*, 18(12):2296–2307, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2296_s1.

Truman:1977:CMD

[1097] Aubrey Truman. Classical mechanics, the diffusion (heat) equation, and the Schrödinger equation. *Journal of Mathematical Physics*, 18(12):2308–2315, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2308_s1.

Hill:1977:PHI

[1098] Robert Nyden Hill. Proof that the H^- ion has only one bound state. Details and extensions to finite nuclear mass. *Journal of Mathematical Physics*, 18(12):2316–2330, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2316_s1.

Fox:1977:GLE

[1099] Ronald Forrest Fox. The generalized Langevin equation with Gaussian fluctuations. *Journal of Mathematical Physics*, 18(12):2331–2335, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2331_s1.

Chandler:1977:BQS

[1100] Colston Chandler and A. G. Gibson. N-body quantum scattering theory in two Hilbert spaces. I. The basic equations. *Journal of Mathematical Physics*, 18(12):2336–2347, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2336_s1.

Detrich:1977:AEI

[1101] John Detrich and Robert W. Conn. Analytic evaluation of an important integral in collision theory. *Journal of Mathematical Physics*, 18(12):2348–2351, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2348_s1.

Lindblom:1977:MPN

[1102] Lee Lindblom. Mirror planes in Newtonian stars with stratified flows. *Journal of Mathematical Physics*, 18(12):2352–2355, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2352_s1.

Gurses:1977:SSS

[1103] Metin Gürses. Some solutions of stationary, axially-symmetric gravitational field equations. *Journal of Mathematical Physics*, 18(12):2356–2359, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2356_s1.

Wu:1977:USF

[1104] Alfred C. T. Wu. Universal singular functions in local field theory. *Journal of Mathematical Physics*, 18(12):2360–2363, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2360_s1.

Pulvirenti:1977:KMC

[1105] M. Pulvirenti and G. Riela. K.M.S. condition for stable states of infinite classical systems. *Journal of Mathematical Physics*, 18(12):2364–2367, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2364_s1.

Stachel:1977:CPS

[1106] John Stachel and Jerzy Plebański. Classical particles with spin. I. The WKBJ approximation. *Journal of Mathematical Physics*, 18(12):2368–2374, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2368_s1.

Ishikawa:1977:PCC

[1107] Hirohisa Ishikawa. Properties of causally continuous closed universes. *Journal of Mathematical Physics*, 18(12):2375–2376, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2375_s1.

Harris:1977:CAT

[1108] Frank E. Harris. Convergence acceleration technique for lattice sums arising in electronic-structure studies of crystalline solids. *Journal of Mathematical Physics*, 18(12):2377–2381, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2377_s1.

Okubo:1977:CIV

[1109] Susumu Okubo. Casimir invariants and vector operators in simple and classical Lie algebras. *Journal of Mathematical Physics*, 18(12):2382–2394, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2382_s1`.

Mansouri:1977:NCS

[1110] Freydoon Mansouri. A new class of superalgebras and local gauge groups in superspace. *Journal of Mathematical Physics*, 18(12):2395–2396, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2395_s1`.

Chen:1977:DSP

[1111] Pocheng Chen and Yih-Hsing Pao. The diffraction of sound pulses by a circular cylinder. *Journal of Mathematical Physics*, 18(12):2397–2406, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2397_s1`.

Atkinson:1977:RRE

[1112] D. Atkinson, T. P. Pool, and H. A. Slim. Regularization of the Roy equations with a smooth cutoff. *Journal of Mathematical Physics*, 18 (12):2407–2413, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2407_s1`.

Krause:1977:PTG

[1113] F. Krause. Perturbation theory for Green's functions as an effective mass formalism. *Journal of Mathematical Physics*, 18(12):2414–2422, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2414_s1`.

Park:1977:MQS

[1114] Yong Moon Park. Massless quantum sine-Gordon equation in two space–time dimensions. Correlation inequalities and infinite volume limit. *Journal of Mathematical Physics*, 18(12):2423–2426, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2423_s1`.

Ranada:1977:KGK

[1115] Antonio F. Rañada and Manuel F. Rañada. Klein–Gordon kinks with fourth order derivative self-coupling. *Journal of Mathematical Physics*, 18(12):2427–2431, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2427_s1.

Cary:1977:TDC

[1116] John R. Cary. Time dependent canonical transformations and the symmetry-equals-invariant theorem. *Journal of Mathematical Physics*, 18(12):2432–2435, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2432_s1.

Cacuci:1977:NST

[1117] Dan G. Cacuci and Herbert Goldstein. Neutron slowing down and transport in a medium of constant cross-section. *Journal of Mathematical Physics*, 18(12):2436–2444, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2436_s1.

Kanal:1977:VPG

[1118] M. Kanal and H. E. Moses. A variational principle for the Gel'fand–Levitan equation and the Korteweg–de Vries equation. *Journal of Mathematical Physics*, 18(12):2445–2447, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2445_s1.

Boffi:1977:ITR

[1119] V. C. Boffi and G. Spiga. Integral theory of radiative heat transfer with anisotropic scattering and general boundary conditions. *Journal of Mathematical Physics*, 18(12):2448–2455, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2448_s1.

Milgram:1977:PCP

[1120] Michael S. Milgram. On the properties of collision probability integrals in annular geometry. I. analysis. *Journal of Mathematical Physics*, 18 (12):2456–2467, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2456_s1.

Twersky:1977:CSF

[1121] Victor Twersky. Coherent scalar field in pair-correlated random distributions of aligned scatterers. *Journal of Mathematical Physics*, 18 (12):2468–2486, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2468_s1`.

Jancewicz:1977:ODC

[1122] Bernard Jancewicz. Operator density current and relativistic localization problem. *Journal of Mathematical Physics*, 18(12):2487–2494, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2487_s1`.

Sloan:1977:ANS

[1123] Alan Sloan. An application of the non-standard Trotter product formula. *Journal of Mathematical Physics*, 18(12):2495–2496, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2495_s1`.

McQuistan:1977:ODN

[1124] R. B. McQuistan. One-dimensional, neighbor-pair degeneracies for dumbbells with distinguishable ends. *Journal of Mathematical Physics*, 18(12):2497–2501, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2497_s1`.

Yamazaki:1977:KTS

[1125] Masatoshi Yamazaki. On the Kerr–Tomimatsu–Sato family of spinning mass solutions. *Journal of Mathematical Physics*, 18(12):2502–2508, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2502_s1`.

Siewert:1977:ECC

[1126] C. E. Siewert. On an exceptional case concerning plasma oscillations. *Journal of Mathematical Physics*, 18(12):2509–2510, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2509_s1`.

Plebanski:1977:SES

[1127] Jerzy F. Plebański. On the separation of Einsteinian sub-structures. *Journal of Mathematical Physics*, 18(12):2511–2520, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2511_s1.

Dhar:1977:ELE

[1128] Deepak Dhar. Erratum: "Lattices of effectively nonintegral dimensionality". *Journal of Mathematical Physics*, 18(12):2520, December 1977. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v18/i12/p2520_s1. See [838].

CastilhoAlcaras:1978:FAH

[1129] J. A. Castilho Alcarás. On the first approximation of the K-harmonics method. *Journal of Mathematical Physics*, 19(1):1–4, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p1_s1.

Dhar:1978:SAR

[1130] Deepak Dhar. Self-avoiding random walks: Some exactly soluble cases. *Journal of Mathematical Physics*, 19(1):5–11, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p5_s1.

Iwai:1978:PSD

[1131] Toshihiro Iwai. On projective symmetries of dynamical systems. *Journal of Mathematical Physics*, 19(1):12–18, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p12_s1.

Miodek:1978:SNE

[1132] I. Miodek. 'IST-solvable' nonlinear evolution equations and existence — An extension of Lax's method. *Journal of Mathematical Physics*, 19(1):19–31, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p19_s1.

Gouedard:1978:DEG

[1133] C. Gouedard and C. Deutsch. Dense electron-gas response at any degeneracy. *Journal of Mathematical Physics*, 19(1):32–38, January 1978. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p32_s1. See [1941].

Battle:1978:DPT

[1134] Guy A. Battle. Dynamics and phase transitions for a continuous system of quantum particles in a box. *Journal of Mathematical Physics*, 19(1): 39–51, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p39_s1.

Taylor:1978:IGT

[1135] William J. Taylor. Inverse Gaussian transforms: General properties and application to Slater-type orbitals with noninteger n in the coordinate and momentum representations. *Journal of Mathematical Physics*, 19(1): 52–58, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p52_s1. See [1453].

Garber:1978:NCCa

[1136] W. D. Garber and H. Reeh. Nontranslationally covariant currents and associated symmetry generators. *Journal of Mathematical Physics*, 19(1): 59–66, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p59_s1.

Ohnuki:1978:WMR

[1137] Y. Ohnuki and S. Kamefuchi. On the wave-mechanical representation of a Bose-like oscillator. *Journal of Mathematical Physics*, 19(1):67–78, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p67_s1.

Filter:1978:TDC

[1138] E. Filter and E. O. Steinborn. The three-dimensional convolution of reduced Bessel functions and other functions of physical interest. *Journal of Mathematical Physics*, 19(1):79–84, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p79_s1.

Morris:1978:GPS

[1139] H. C. Morris. A generalized prolongation structure and the Bäcklund transformation of the anticommuting massive Thirring model. *Journal* of *Mathematical Physics*, 19(1):85–87, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p85_s1.

Weaver:1978:ES

[1140] D. L. Weaver. Eigenvalues of $S \cdot \pi$ for spins 1/2, 1, and 3/2. *Journal of Mathematical Physics*, 19(1):88–91, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p88_s1.

Moreno:1978:SPN

[1141] Carlos Moreno. Spaces of positive and negative frequency solutions of field equations in curved space–times. II. The massive vector field equations in static space–times. *Journal of Mathematical Physics*, 19(1):92–99, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p92_s1.

Ray:1978:VDB

[1142] John R. Ray. A variational derivation of the Bach–Lanczos identity. *Journal of Mathematical Physics*, 19(1):100–102, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p100_s1.

Hammer:1978:UCB

[1143] C. L. Hammer and B. Defacio. Uniqueness connection between charge conjugation and statistics. *Journal of Mathematical Physics*, 19(1):103–108, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p103_s1.

Dokmeci:1978:TVC

[1144] M. Cengiz Dökmeci. Theory of vibrations of coated, thermopiezoelectric laminae. *Journal of Mathematical Physics*, 19(1):109–126, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p109_s1.

Fox:1978:FTG

[1145] Ronald Forrest Fox. Fluctuation theories and Gaussian stochastic processes. *Journal of Mathematical Physics*, 19(1):127–130, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p127_s1.

Wannier:1978:TGW

[1146] Gregory H. Wannier. Transforming Gaussians into Wannier functions. *Journal of Mathematical Physics*, 19(1):131–134, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p131_s1.

Menikoff:1978:DVE

[1147] R. Menikoff and D. H. Sharp. A derivation of the virial expansion with application to Euclidean quantum field theory. *Journal of Mathematical Physics*, 19(1):135–150, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p135_s1.

Ibanez:1978:MSSa

[1148] J. L. Ibañez and M. G. Velarde. Multiple steady states in a simple reaction-diffusion model with Michaelis–Menten (first-order Hinshelwood–Langmuir) saturation law: The limit of large separation in the two diffusion constants. *Journal of Mathematical Physics*, 19(1):151–156, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p151_s1.

Lenard:1978:CLT

[1149] A. Lenard. A characterization of Lorentz transformations. *Journal of Mathematical Physics*, 19(1):157, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p157_s1.

Fennelly:1978:ESS

[1150] A. J. Fennelly. Expanding shearfree spatially homogeneous universes with a nonsynchronous time coordinate and anisotropy of the universe. *Journal of Mathematical Physics*, 19(1):158–163, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p158_s1.

Edwards:1978:NAE

[1151] S. A. Edwards. A new approach to the eigenvalues of the Gel'fand invariants for the unitary, orthogonal, and symplectic groups. *Journal of Mathematical Physics*, 19(1):164–167, January 1978. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p164_s1.

Chiu:1978:SIT

[1152] S. C. Chiu. On the self-induced transparency effect of the three-wave resonance process. *Journal of Mathematical Physics*, 19(1):168–176, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p168_s1.

Zorbas:1978:PTC

[1153] J. Zorbas. Perturbation theory for Coulomb scattering. *Journal of Mathematical Physics*, 19(1):177–186, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p177_s1.

Hauser:1978:FAS

[1154] I. Hauser and R. J. Malhiot. Forms of all spacetime metrics which admit [(11) (11)] Killing tensors with nonconstant eigenvalues. *Journal of Mathematical Physics*, 19(1):187–194, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p187_s1.

Kumei:1978:RBC

[1155] Sukeyuki Kumei. On the relationship between conservation laws and invariance groups of nonlinear field equations in hamilton's canonical form. *Journal of Mathematical Physics*, 19(1):195–199, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p195_s1.

Boyer:1978:SSV

[1156] C. P. Boyer, E. G. Kalnins, and W. Miller. Symmetry and separation of variables for the Hamilton–Jacobi equation $W_t^2 - W_x^2 - W_y^2 = 0$. *Journal of Mathematical Physics*, 19(1):200–211, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p200_s1.

Ibanez:1978:MSSb

[1157] J. L. Ibanez and M. G. Velarde. Multiple steady states in a simple reaction-diffusion model with Michaelis–Jacobi equation $W_t^2 - W_x^2 W_y^2 = 0$. *Journal of Mathematical Physics*, 19(1):200–211, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427.

Bergmann:1978:SGT

[1158] Peter G. Bergmann and Edward J. Flaherty, Jr. Symmetries in gauge theories. *Journal of Mathematical Physics*, 19(1):212–214, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p212_s1.

Twersky:1978:CEW

[1159] Victor Twersky. Coherent electromagnetic waves in pair-correlated random distributions of aligned scatterers. *Journal of Mathematical Physics*, 19(1):215–230, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p215_s1.

Mutze:1978:NGT

[1160] U. Mutze. A no-go theorem concerning the cluster decomposition property of direct-interaction scattering theories. *Journal of Mathematical Physics*, 19(1):231–236, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p231_s1.

Cazzola:1978:IEE

[1161] P. Cazzola, L. Lucaroni, and R. Semenzato. Integral equations for even parity perturbations of hot perfect fluid nonrotating neutron stars. *Journal of Mathematical Physics*, 19(1):237–246, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p237_s1.

Jordan:1978:IVO

[1162] Thomas F. Jordan. Identification of the velocity operator in an irreducible unitary representation of the Poincaré group for imaginary mass or zero mass and variable helicity. *Journal of Mathematical Physics*, 19(1):247–248, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p247_s1.

Garbanati:1978:USL

[1163] L. Freede Garbanati, William Greenberg, and P. F. Zweifel. Uniqueness of solutions to the linearized Boltzmann equation. *Journal of Mathematical Physics*, 19(1):249–252, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p249_s1.

Hooshyar:1978:ISP

[1164] M. A. Hooshyar. On the inverse scattering problem for a class of spin-orbit and central potentials. *Journal of Mathematical Physics*, 19(1):253–263, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p253_s1`.

Hillion:1978:SHE

[1165] Pierre Hillion. The spinor Helmholtz equation. *Journal of Mathematical Physics*, 19(1):264–269, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p264_s1`.

Tikochinsky:1978:TBG

[1166] Yoel Tikochinsky. Transformation brackets for generalized Bogolyubov-boson transformations. *Journal of Mathematical Physics*, 19(1):270–276, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p270_s1`.

Tsallis:1978:DMG

[1167] Constantino Tsallis. Diagonalization methods for the general bilinear Hamiltonian of an assembly of bosons. *Journal of Mathematical Physics*, 19(1):277–286, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p277_s1`.

Chernavskii:1978:RAB

[1168] D. S. Chernavskii and R. Kerner. Remarks on the asymptotic behaviour of the 't Hooft's magnetic monopole. *Journal of Mathematical Physics*, 19(1):287–291, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p287_s1`.

Klein:1978:WAB

[1169] Abraham Klein. WKB approximation for bound states by Heisenberg matrix mechanics. *Journal of Mathematical Physics*, 19(1):292–297, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p292_s1`.

Mizrahi:1978:PSP

[1170] Maurice M. Mizrahi. Phase space path integrals, without limiting procedure. *Journal of Mathematical Physics*, 19(1):298–307, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p298_s1. See erratum [1946].

Antippa:1978:LPS

[1171] Adel F. Antippa and Alain J. Phares. The linear potential: a solution in terms of combinatorics functions. *Journal of Mathematical Physics*, 19(1):308–319, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p308_s1.

Yang:1978:GDM

[1172] Chen Ning Yang. Generalization of Dirac's monopole to su_2 gauge fields. *Journal of Mathematical Physics*, 19(1):320–328, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p320_s1.

Antoine:1978:OSN

[1173] J. P. Antoine and A. Grossmann. Orthocomplemented subspaces of nondegenerate partial inner product spaces. *Journal of Mathematical Physics*, 19(1):329–335, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p329_s1.

Ginsburg:1978:ANI

[1174] Charles A. Ginsburg and Elliott W. Montroll. Application of a novel interpolative perturbation scheme to the determination of anharmonic oscillator wavefunctions. *Journal of Mathematical Physics*, 19(1):336–346, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p336_s1.

Post:1978:GVA

[1175] E. J. Post. The Gaussian version of Ampère's law. *Journal of Mathematical Physics*, 19(1):347, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i1/p347_s1.

Furutani:1978:EBS

[1176] Y. Furutani and C. Deutsch. Erratum: "The n-bubble series in the theory of the classical one-component plasma". *Journal of Mathematical Physics*, 19(1):348, January 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i1/p348_s1`. See [796].

Tariq:1978:NBR

[1177] Nessim Tariq and Raymond G. McLenaghan. Note on the Bertotti–Robinson electromagnetic universe. *Journal of Mathematical Physics*, 19(2):349–351, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p349_s1`.

Weiszmann:1978:CFH

[1178] Andrei N. Weiszmann. Correlation functions and higher order coherence in inelastically scattered quantum radiation. *Journal of Mathematical Physics*, 19(2):352–353, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p352_s1`.

Weiszmann:1978:RFD

[1179] Andrei N. Weiszmann. The reduced field density operator for an inelastically scattered quantum radiation. *Journal of Mathematical Physics*, 19(2):354–356, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p354_s1`.

Lonngren:1978:CIB

[1180] K. E. Lonngren and H. C. S. Hsuan. A consequence of the invariance of Biot's variational principle in thermal conduction. *Journal of Mathematical Physics*, 19(2):357–358, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p357_s1`.

Besieris:1978:KFT

[1181] Ioannis M. Besieris, Wojciech B. Stasiak, and Frederick D. Tappert. A kinetic formulation of the three-dimensional quantum mechanical harmonic oscillator under a random perturbation. *Journal of Mathematical Physics*, 19(2):359–369, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p359_s1`.

Krause:1978:LTS

[1182] Jorge Krause. Lorentz transformations as space–time reflections. II. Time like reflections. *Journal of Mathematical Physics*, 19(2):370–374, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p370_s1.

Milton:1978:SGI

[1183] Kimball A. Milton and Lester L. DeRaad, Jr. Strings and gauge invariance. *Journal of Mathematical Physics*, 19(2):375–382, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p375_s1.

Pao:1978:SSE

[1184] C. V. Pao. Subcriticality and supercriticality of energy dependent neutron transport in slab geometry. *Journal of Mathematical Physics*, 19(2):383–386, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p383_s1.

Vazquez:1978:ISL

[1185] Luis Vázquez. Interaction and stability of localized solutions in a classical non-linear scalar field theory. *Journal of Mathematical Physics*, 19(2):387–389, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p387_s1.

Kuchar:1978:EPH

[1186] Karel Kuchar. On equivalence of parabolic and hyperbolic super-Hamiltonians. *Journal of Mathematical Physics*, 19(2):390–400, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p390_s1.

Vasholz:1978:RLS

[1187] David P. Vasholz. Random linear systems and temporal homogeneity. *Journal of Mathematical Physics*, 19(2):401–408, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p401_s1.

Uchiyama:1978:LBT

[1188] Tadashi Uchiyama. Lower bounds on the total cross section and the slope parameter for some measurable sequences of $s \to \infty$. *Journal of Mathematical Physics*, 19(2):409–417, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p409_s1.

Ovrut:1978:ISH

[1189] Burt A. Ovrut. Isotropy subgroups of SO(3) and Higgs potentials. *Journal of Mathematical Physics*, 19(2):418–425, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p418_s1.

Weilenmann:1978:AAN

[1190] Jürg Weilenmann. An alternative approach to the normal frequencies of a randomly disordered linear chain. *Journal of Mathematical Physics*, 19(2):426–433, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p426_s1.

Siewert:1978:ERQ

[1191] C. E. Siewert. Explicit results for the quantum-mechanical energy states basic to a finite square-well potential. *Journal of Mathematical Physics*, 19(2):434–435, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p434_s1.

Maciejko:1978:SCN

[1192] R. Maciejko. Symmetry conditions and non-Abelian gauge fields. *Journal of Mathematical Physics*, 19(2):436–441, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p436_s1.

Goswami:1978:SSN

[1193] G. K. Goswami. Some static and non-static solutions of Brans–Dicke theory of gravitation. *Journal of Mathematical Physics*, 19(2):442–445, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p442_s1.

Leach:1978:QHQ

[1194] P. G. L. Leach. Quadratic Hamiltonians, quadratic invariants and the symmetry group SU(n). *Journal of Mathematical Physics*, 19(2):446–

451, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p446_s1.

Cattaneo:1978:SRG

[1195] U. Cattaneo. Splitting and representation groups for Polish groups. *Journal of Mathematical Physics*, 19(2):452–460, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p452_s1.

Faris:1978:IUP

[1196] William G. Faris. Inequalities and uncertainty principles. *Journal of Mathematical Physics*, 19(2):461–466, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p461_s1.

Raynal:1978:DPG

[1197] Jacques Raynal. On the definition and properties of generalized 3-j symbols. *Journal of Mathematical Physics*, 19(2):467–476, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p467_s1.

Bountis:1978:ESM

[1198] Tassos Bountis and Robert H. G. Helleman. Exact statistical mechanics of some classical 1D systems. *Journal of Mathematical Physics*, 19(2):477–481, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p477_s1.

Havas:1978:CEG

[1199] Peter Havas and Jerzy Plebański. Conformal extensions of the Galilei group and their relation to the Schrödinger group. *Journal of Mathematical Physics*, 19(2):482–488, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p482_s1.

Ernst:1978:CDL

[1200] Frederick J. Ernst. Coping with different languages in the null tetrad formulation of general relativity. *Journal of Mathematical Physics*, 19(2):489–493, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p489_s1. See [1887].

Kelley:1978:ACO

[1201] C. T. Kelley. Analytic continuation of an operator-valued H-function with applications to neutron transport theory. *Journal of Mathematical Physics*, 19(2):494–499, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p494_s1`.

Kelley:1978:SIE

[1202] C. T. Kelley and T. W. Mullikin. Solution by iteration of H-equations in multigroup neutron transport. *Journal of Mathematical Physics*, 19(2):500–501, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p500_s1`.

Kaiser:1978:PSA

[1203] Gerald R. Kaiser. Phase-space approach to relativistic quantum mechanics. II. Geometrical aspects. *Journal of Mathematical Physics*, 19(2):502–507, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p502_s1`.

Guler:1978:UAR

[1204] Y. Güler. Unitary analytic representations of $\mathrm{SL}(3, R)$ and hadronic Regge sequences. *Journal of Mathematical Physics*, 19(2):508–510, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p508_s1`.

Partensky:1978:C

[1205] A. Partensky and C. Maguin. The $\mathrm{SU}(4) \supset \mathrm{SU}(2) \otimes \mathrm{SU}(2)$ chain. *Journal of Mathematical Physics*, 19(2):511–525, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p511_s1`.

Elizalde:1978:PSG

[1206] Emili E. Elizalde. Poincaré is a subgroup of Galilei in one space dimension more. *Journal of Mathematical Physics*, 19(2):526–528, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i2/p526_s1`.

Wybourne:1978:SI

[1207] B. G. Wybourne. $su_6 \times su_3^c$ scalars in E_7 irreps. *Journal of Mathematical Physics*, 19(2):529–530, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p529_s1.

Murray:1978:PFW

[1208] J. C. Murray. Poisson's formulas for wave propagation in a superfluid. *Journal of Mathematical Physics*, 19(2):531–534, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p531_s1.

Zenk:1978:ASS

[1209] L. G. Zenk and A. Das. An algebraically special subclass of vacuum metrics admitting a Killing motion. *Journal of Mathematical Physics*, 19(2):535–538, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p535_s1.

Pardee:1978:EAE

[1210] W. J. Pardee. Erratum: "Acoustic emission and the plate Green's function". *Journal of Mathematical Physics*, 19(2):538, February 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i2/p538_s1. See [853].

Hoenselaers:1978:SEM

[1211] C. Hoenselaers. On the stationary Einstein–Maxwell equations. *Journal of Mathematical Physics*, 19(3):539–541, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p539_s1.

Nickel:1978:ESF

[1212] Bernie G. Nickel. Evaluation of simple Feynman graphs. *Journal of Mathematical Physics*, 19(3):542–548, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p542_s1.

Sommers:1978:GGF

[1213] Paul Sommers. The geometry of the gravitational field at spacelike infinity. *Journal of Mathematical Physics*, 19(3):549–554, March 1978. CO-

DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p549_s1.

Tsamparlis:1978:PMV

[1214] Michael Tsamparlis. On the Palatini method of variation. *Journal of Mathematical Physics*, 19(3):555–557, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p555_s1.

Fannes:1978:GTS

[1215] M. Fannes and A. Verbeure. Global thermodynamical stability and correlation inequalities. *Journal of Mathematical Physics*, 19(3):558–560, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p558_s1.

Dhurandhar:1978:TSW

[1216] S. V. Dhurandhar. Tachyonic scalar waves in the Schwarzschild space–time. *Journal of Mathematical Physics*, 19(3):561–567, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p561_s1.

Naito:1978:SHI

[1217] Seichi Naito. Slavnov-'t Hooft identities in Mandelstam's formalism. *Journal of Mathematical Physics*, 19(3):568–573, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p568_s1.

Kopsky:1978:ISB

[1218] Vojtech Kopský. On independent sets of basis functions for irreducible representations of finite groups. *Journal of Mathematical Physics*, 19(3):574–576, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p574_s1.

Zorbas:1978:STS

[1219] J. Zorbas. Scattering theory for Stark Hamiltonians involving long-range potentials. *Journal of Mathematical Physics*, 19(3):577–580, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p577_s1.

Smith:1978:MEE

[1220] George B. Smith. Matrix element expansion of a spin wavefunction. *Journal of Mathematical Physics*, 19(3):581–585, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p581_s1.

Lovelock:1978:IGE

[1221] David Lovelock. The interaction of the gravitational and electromagnetic fields. *Journal of Mathematical Physics*, 19(3):586–592, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p586_s1.

Lim:1978:MWR

[1222] Chee-Seng Lim. Multidimensional wave radiation from a source with Gaussian time variation and Gaussian-approximated distribution about a spherical sheet. *Journal of Mathematical Physics*, 19(3):593–607, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p593_s1.

Hanckowiak:1978:IPP

[1223] Jerzy Hańćkowiak. Invariant properties of n-point functions and n-point functionals connected with the translational invariance of the formal measure. *Journal of Mathematical Physics*, 19(3):608–612, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p608_s1.

Shurtleff:1978:GTC

[1224] Richard Shurtleff. A geometric theory of charge and mass. *Journal of Mathematical Physics*, 19(3):613–618, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p613_s1.

Benza:1978:LTB

[1225] V. Benza and E. Montaldi. Large time behavior of the superfluorescent decay. *Journal of Mathematical Physics*, 19(3):619–623, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p619_s1. See [1452].

Camenzind:1978:HIW

[1226] M. Camenzind. Homogeneous and isotropic world models in the Yang–Mills dynamics of gravity. The structure of the adiabats. *Journal of Mathematical Physics*, 19(3):624–634, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p624_s1.

Johnston:1978:IRP

[1227] George L. Johnston. Integral representations of particular integrals of a class of inhomogeneous linear ordinary differential equations. *Journal of Mathematical Physics*, 19(3):635–641, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p635_s1.

Garbaczewski:1978:QSF

[1228] Piotr Garbaczewski. Quantization of spinor fields. *Journal of Mathematical Physics*, 19(3):642–652, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p642_s1.

Benfatto:1978:LNA

[1229] G. Benfatto and F. Nicolò. The local von Neumann algebras for the massless scalar free field and the free electromagnetic field. *Journal of Mathematical Physics*, 19(3):653–660, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p653_s1.

Hauser:1978:TGF

[1230] I. Hauser. Type N gravitational field with twist. II. *Journal of Mathematical Physics*, 19(3):661–667, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p661_s1.

Horndeski:1978:BTM

[1231] Gregory Walter Horndeski. Birkhoff's theorem and magnetic monopole solutions for a system of generalized Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 19(3):668–674, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p668_s1.

Karaki:1978:RRF

[1232] Yukihiko Karaki. Rigorous results on ferromagnetic lattice spin systems. I. *Journal of Mathematical Physics*, 19(3):675–682, March 1978. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p675_s1.

Kramer:1978:NCT

[1233] P. Kramer, M. Moshinsky, and T. H. Seligman. Nonbijective canonical transformations and their representation in quantum mechanics. *Journal of Mathematical Physics*, 19(3):683–693, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p683_s1.

Robinson:1978:NVB

[1234] Peter D. Robinson. New variational bounds on generalized polarizabilities. *Journal of Mathematical Physics*, 19(3):694–699, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p694_s1.

Aldersley:1978:CCM

[1235] S. J. Aldersley. Charge conservation in metric-torsion gravitational theories. *Journal of Mathematical Physics*, 19(3):700–702, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p700_s1.

Wong:1978:WC

[1236] M. K. F. Wong. On the Weyl coefficients of SO(n). *Journal of Mathematical Physics*, 19(3):703–708, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p703_s1.

Rittenberg:1978:ECG

[1237] V. Rittenberg and M. Scheunert. Elementary construction of graded Lie groups. *Journal of Mathematical Physics*, 19(3):709–713, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p709_s1.

Geroch:1978:ASS

[1238] Robert Geroch and Basilis C. Xanthopoulos. Asymptotic simplicity is stable. *Journal of Mathematical Physics*, 19(3):714–719, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p714_s1.

Braunschweig:1978:BRS

[1239] D. Braunschweig and K. T. Hecht. Branching rules for the subgroups of the unitary group. *Journal of Mathematical Physics*, 19(3):720–722, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p720_s1.

Ray:1978:SGI

[1240] Dipankar Ray. Self-gravitating irrotational barotropic fluid in a conformally flat space. *Journal of Mathematical Physics*, 19(3):723–726, March 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i3/p723_s1.

Gaskell:1978:GFP

[1241] R. Gaskell, A. Peccia, and R. T. Sharp. Generating functions for polynomial irreducible tensors. *Journal of Mathematical Physics*, 19(4):727–733, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p727_s1.

Gazeau:1978:GLP

[1242] J.-P. Gazeau, M.-Cl. Dumont-Lepage, and A. Ronveaux. Gel'fand lattice polynomials and irreducible representations of U(n). *Journal of Mathematical Physics*, 19(4):734–748, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p734_s1.

Duval:1978:CIM

[1243] C. Duval and H. H. Fliche. A conformal invariant model of localized spinning test particles. *Journal of Mathematical Physics*, 19(4):749–752, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p749_s1.

Hoffmann:1978:MMD

[1244] Patrick Hoffmann. The moments of the multiple distribution functions. *Journal of Mathematical Physics*, 19(4):753–757, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p753_s1.

Cahill:1978:SVI

[1245] K. Cahill and A. Comtet. Scalar-vector instantons in n-dimensions: surface terms. *Journal of Mathematical Physics*, 19(4):758–759, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p758_s1.

Finley:1978:KVP

[1246] J. D. Finley III and J. F. Plebański. Killing vectors in plane HH spaces. *Journal of Mathematical Physics*, 19(4):760–766, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p760_s1.

Cattaneo:1978:QMP

[1247] U. Cattaneo. The quantum mechanical Poincaré and Galilei groups. *Journal of Mathematical Physics*, 19(4):767–773, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p767_s1.

Tenti:1978:SCE

[1248] G. Tenti and W. H. Hui. Some classes of exact solutions of the nonlinear Boltzmann equation. *Journal of Mathematical Physics*, 19(4):774–779, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p774_s1.

Martin:1978:NIT

[1249] J. Martin and J. L. Sanz. No-interaction theorem of Currie, Jordan, and Sudarshan: Expansions in c^{-1}. *Journal of Mathematical Physics*, 19(4):780–788, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p780_s1.

Bosanac:1978:MCR

[1250] S. Bosanac. A method for calculation of Regge poles in atomic collisions. *Journal of Mathematical Physics*, 19(4):789–797, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p789_s1.

Kaup:1978:ESD

[1251] David J. Kaup and Alan C. Newell. An exact solution for a derivative nonlinear Schrödinger equation. *Journal of Mathematical Physics*, 19(4):

798–801, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p798_s1`.

Romerio:1978:AOC

[1252] M. Romerio. Absence of ordering in a class of real liquids-application to nematic liquid crystals. *Journal of Mathematical Physics*, 19(4):802–805, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p802_s1`.

Dollard:1978:TDS

[1253] John D. Dollard. Time-dependent scattering theory for infinite delta function potentials in one dimension. *Journal of Mathematical Physics*, 19(4):806–807, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p806_s1`.

Kracklauer:1978:TET

[1254] Aloysius F. Kracklauer. A theory of the electromagnetic two-body interaction. *Journal of Mathematical Physics*, 19(4):808–811, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p808_s1`.

McCartor:1978:EBC

[1255] Gary McCartor. Error bounds for the complex-coordinate method. *Journal of Mathematical Physics*, 19(4):812–815, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p812_s1`.

Yu:1978:LHS

[1256] M. Y. Yu. Lower hybrid solitary waves. *Journal of Mathematical Physics*, 19(4):816–818, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p816_s1`.

Kesarwani:1978:HPD

[1257] R. N. Kesarwani and Y. P. Varshni. High-precision determination of the critical screening length for the static screened Coulomb potential. *Journal of Mathematical Physics*, 19(4):819–820, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i4/p819_s1`.

Garibotti:1978:SPW

[1258] C. R. Garibotti and F. F. Grinstein. Summation of partial wave expansions in the scattering by long range potentials. I. *Journal of Mathematical Physics*, 19(4):821–829, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p821_s1.

Lee:1978:PTB

[1259] Chien er Lee and Jung-Kai Hong. Pseudoscalar transition between a spin-J and a spin-5/2 baryon. *Journal of Mathematical Physics*, 19(4):830–832, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p830_s1.

Arenstorf:1978:ERN

[1260] Richard F. Arenstorf, Jeffrey M. Cohen, and Lawrence S. Kegeles. Electromagnetic radiation near black holes and neutron stars. *Journal of Mathematical Physics*, 19(4):833–837, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p833_s1.

Ventura:1978:SQF

[1261] I. Ventura and G. C. Marques. Semiclassical quantization of a field theoretic model in any number of spatial dimensions. *Journal of Mathematical Physics*, 19(4):838–847, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p838_s1.

Davidson:1978:LTI

[1262] A. Davidson and A. Dar. Lorentz-type internal symmetry. *Journal of Mathematical Physics*, 19(4):848–855, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p848_s1.

Glass:1978:RSS

[1263] E. N. Glass and S. P. Goldman. Relativistic spherical stars reformulated. *Journal of Mathematical Physics*, 19(4):856–859, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p856_s1.

Lieb:1978:SDF

[1264] Elliott H. Lieb and Manuel de Llano. Solitons and the delta function fermion gas in Hartree–Fock theory. *Journal of Mathematical*

Physics, 19(4):860–868, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p860_s1.

Howe:1978:LSDa

[1265] P. S. Howe and R. W. Tucker. Local supersymmetry in $(2 + 1)$ dimensions. I. Supergravity and differential forms. *Journal of Mathematical Physics*, 19(4):869–873, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p869_s1.

Curtis:1978:CLB

[1266] W. D. Curtis and D. E. Lerner. Complex line bundles in relativity. *Journal of Mathematical Physics*, 19(4):874–877, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p874_s1.

Bloore:1978:WIP

[1267] F. J. Bloore and S. J. Swarbrick. Wavefunctions of identical particles. *Journal of Mathematical Physics*, 19(4):878–879, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p878_s1.

Atanackovic:1978:GMS

[1268] T. M. Atanackovic. Geometry of motion of a single elastic body point. *Journal of Mathematical Physics*, 19(4):880–882, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p880_s1.

Pomraning:1978:VI

[1269] G. C. Pomraning. Variational interpolation. *Journal of Mathematical Physics*, 19(4):883–887, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p883_s1.

Tikochinsky:1978:EPQ

[1270] Yoel Tikochinsky. Exact propagators for quadratic Hamiltonians. *Journal of Mathematical Physics*, 19(4):888–891, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p888_s1.

Rajan:1978:MDC

[1271] V. T. Rajan, Chia-Wei Woo, and F. Y. Wu. Multiple density correlation functions for inhomogeneous systems. *Journal of Mathematical Physics*, 19(4):892–897, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p892_s1.

Pereira:1978:SIH

[1272] Nino R. Pereira. Scaling invariance of helical curve motion and soliton equations. *Journal of Mathematical Physics*, 19(4):898–900, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p898_s1.

Cazzola:1978:AED

[1273] P. Cazzola, L. Lucaroni, and R. Semenzato. Asymptotic eigenfrequency distribution for even-parity perturbations of hot perfect-fluid relativistic neutron stars. *Journal of Mathematical Physics*, 19(4):901–910, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p901_s1.

Otsuki:1978:DTP

[1274] Takuro Otsuki. Diffraction by two parallel slits in a plane. *Journal of Mathematical Physics*, 19(4):911–915, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p911_s1.

Shahinpoor:1978:EAG

[1275] M. Shahinpoor. Erratum: "Asymmetric gas thermodynamics". *Journal of Mathematical Physics*, 19(4):915, April 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i4/p915_s1. See [879].

Manoukian:1978:HEB

[1276] Edward B. Manoukian. High-energy behavior of renormalized Feynman amplitudes. *Journal of Mathematical Physics*, 19(5):917–923, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p917_s1.

Chen:1978:STA

[1277] K.-H. Chen and C. C. Yang. Spectral theory for the acoustic wave equations with generalized Neumann boundary conditions in exterior domain. *Journal of Mathematical Physics*, 19(5):924–929, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p924_s1.

Larsen:1978:USG

[1278] M. L. Larsen and W. W. Repko. The use of the symmetric group in the construction of multispinor Lagrangians. *Journal of Mathematical Physics*, 19(5):930–934, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p930_s1.

Sidhu:1978:DPS

[1279] S. S. Sidhu and R. H. Good, Jr. Definition of polarization of a spin 1/2 particle in an external electromagnetic field. *Journal of Mathematical Physics*, 19(5):935–936, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p935_s1.

Chehab:1978:SOC

[1280] R. Chehab. A second order calculation of the adiabatic invariant of a charged particle spiraling in a longitudinal magnetic field. *Journal of Mathematical Physics*, 19(5):937–941, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p937_s1.

Gursey:1978:GLG

[1281] Feza Gürsey and Louis Marchildon. The graded Lie groups $\mathrm{SU}(2, 2/1)$ and OSp(1/4). *Journal of Mathematical Physics*, 19(5):942–951, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p942_s1.

Brooke:1978:GFS

[1282] J. A. Brooke. A Galileian formulation of spin. I. Clifford algebras and Spin groups. *Journal of Mathematical Physics*, 19(5):952–959, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p952_s1.

Leibbrandt:1978:SSE

[1283] G. Leibbrandt. Solitonlike solutions of the elliptic sine-cosine equation by means of harmonic functions. *Journal of Mathematical Physics*, 19(5): 960–966, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p960_s1.

Ohya:1978:SWI

[1284] Masanori Ohya. Stability of Weiss Ising model. *Journal of Mathematical Physics*, 19(5):967–971, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p967_s1.

Ruhl:1978:ARP

[1285] W. Rühl and B. C. Yunn. The asymptotic reduction of products of representations of the universal covering group of SU(1, 1). *Journal of Mathematical Physics*, 19(5):972–980, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p972_s1.

Howe:1978:LSDb

[1286] P. S. Howe and R. W. Tucker. Local supersymmetry in $(2 + 1)$ dimensions. II. An action for a spinning membrane. *Journal of Mathematical Physics*, 19(5):981–984, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p981_s1.

Garber:1978:NCCb

[1287] W. D. Garber and H. Reeh. Nontranslationally covariant currents and symmetries of the S matrix. *Journal of Mathematical Physics*, 19(5): 985–986, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p985_s1.

Johri:1978:ESB

[1288] V. B. Johri and G. K. Goswami. Electromagnetic solutions of Brans–Dicke theory of gravitation from Einstein theory. *Journal of Mathematical Physics*, 19(5):987–990, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p987_s1.

Magg:1978:SCF

[1289] M. Magg. Some constraints on finite energy solutions in non-Abelian gauge theories. *Journal of Mathematical Physics*, 19(5):991–993, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p991_s1.

McCormick:1978:IPT

[1290] N. J. McCormick and J. A. R. Veeder. On the inverse problem of transport theory with azimuthal dependence. *Journal of Mathematical Physics*, 19(5):994–998, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p994_s1. See addendum [1590].

Weingarten:1978:ABG

[1291] Don Weingarten. Asymptotic behavior of group integrals in the limit of infinite rank. *Journal of Mathematical Physics*, 19(5):999–1001, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p999_s1.

Graffi:1978:BSI

[1292] S. Graffi and V. Grecchi. Borel summability and indeterminacy of the Stieltjes moment problem: Application to the anharmonic oscillators. *Journal of Mathematical Physics*, 19(5):1002–1006, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1002_s1.

Zivkovic:1978:ACB

[1293] Tomislav P. Zivković and Hendrik J. Monkhorst. Analytic connection between configuration-interaction and coupled-cluster solutions. *Journal of Mathematical Physics*, 19(5):1007–1022, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1007_s1.

Ascoli:1978:RLO

[1294] R. Ascoli, P. Gabbi, and G. Palleschi. On the representation of linear operators in L^2 spaces by means of "generalized matrices". *Journal of Mathematical Physics*, 19(5):1023–1027, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1023_s1.

Lubkin:1978:ESC

[1295] Elihu Lubkin. Entropy of an n-system from its correlation with a K-reservoir. *Journal of Mathematical Physics*, 19(5):1028–1031, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1028_s1`.

Boisseau:1978:QLM

[1296] B. Boisseau and C. Barrabes. Quantization of the Liouville mechanics for systems with singular Lagrangians. *Journal of Mathematical Physics*, 19(5):1032–1036, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1032_s1`.

Chen:1978:ZEC

[1297] Augustine C. Chen. The zero-energy Coulomb problem. *Journal of Mathematical Physics*, 19(5):1037–1040, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1037_s1`.

Gazeau:1978:FEC

[1298] J. P. Gazeau. Four Euclidean conformal group in atomic calculations: Exact analytical expressions for the bound-bound two-photon transition matrix elements in the H atom. *Journal of Mathematical Physics*, 19(5):1041–1048, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1041_s1`. See erratum [1943].

Sarlet:1978:ICL

[1299] Willy Sarlet. Invariance and conservation laws for Lagrangian systems with one degree of freedom. *Journal of Mathematical Physics*, 19(5):1049–1054, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1049_s1`. See addendum [1726].

McQuistan:1978:NOD

[1300] R. B. McQuistan. On the normalization of one-dimensional lattice statistics. *Journal of Mathematical Physics*, 19(5):1055–1056, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1055_s1`.

Mori:1978:LAP

[1301] Masao Mori. On Lie algebraic properties of the step operators acting on P or confluent P functions. *Journal of Mathematical Physics*, 19(5): 1057–1063, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1057_s1`.

Hioe:1978:GFC

[1302] F. T. Hioe. A Green's function for a cubic lattice. *Journal of Mathematical Physics*, 19(5):1064–1067, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1064_s1`.

Newton:1978:TDS

[1303] Roger G. Newton. Three-dimensional solitons. *Journal of Mathematical Physics*, 19(5):1068–1073, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1068_s1`.

Davidson:1978:RQS

[1304] Russell Davidson and John J. Kozak. On the relaxation to quantum statistical equilibrium of the Wigner–Weisskopf atom in a one-dimensional radiation field. VIII. Emission in an infinite system in the presence of an extra photon. *Journal of Mathematical Physics*, 19(5):1074–1086, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1074_s1`.

Mishima:1978:TEL

[1305] Nobuhiko Mishima and Tomio Yamakoshi Petrosky. On time evolution for large quantum systems in superspace. *Journal of Mathematical Physics*, 19(5):1087–1099, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1087_s1`.

Nowakowski:1978:NCS

[1306] Jerzy Nowakowski and Andrzej Trautman. Natural connections on Stiefel bundles are sourceless gauge fields. *Journal of Mathematical Physics*, 19(5):1100–1103, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1100_s1`.

Beig:1978:RDU

[1307] R. Beig. Radiation (damping) in a universe with topologically closed space sections. *Journal of Mathematical Physics*, 19(5):1104–1109, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1104_s1.

Lonke:1978:CSS

[1308] A. Lonke. Coherent states and stochastic formulation of quantum mechanics. *Journal of Mathematical Physics*, 19(5):1110–1117, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1110_s1.

Tilgner:1978:GSP

[1309] Hans Tilgner. The group structure of pseudo-Riemannian curvature spaces. *Journal of Mathematical Physics*, 19(5):1118–1125, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1118_s1.

Newell:1978:NT

[1310] Alan C. Newell. Nonlinear tunnelling. *Journal of Mathematical Physics*, 19(5):1126–1133, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1126_s1.

Challifour:1978:CEL

[1311] J. L. Challifour and D. Weingarten. Cluster expansion for lattice gauge theories with fermions. *Journal of Mathematical Physics*, 19(5):1134–1136, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1134_s1.

Ling:1978:UAI

[1312] Rina Ling. Uniform approximations to integral and integrodifferential equations. *Journal of Mathematical Physics*, 19(5):1137–1140, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1137_s1.

Froman:1978:CPD

[1313] Nanny Fröman. On the calculation of the probability density at the origin of an s-state. *Journal of Mathematical Physics*, 19(5):1141–1146, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1141_s1`.

Hsieh:1978:VMM

[1314] D. Y. Hsieh. Variational method and Mathieu equation. *Journal of Mathematical Physics*, 19(5):1147–1151, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1147_s1`.

Jang:1978:PEG

[1315] Pong Soo Jang. On the positivity of energy in general relativity. *Journal of Mathematical Physics*, 19(5):1152–1155, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1152_s1`. See erratum [1591].

Magri:1978:SMI

[1316] Franco Magri. A simple model of the integrable Hamiltonian equation. *Journal of Mathematical Physics*, 19(5):1156–1162, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1156_s1`.

Jantzen:1978:THS

[1317] Robert T. Jantzen. Tensor harmonics on the 3-sphere. *Journal of Mathematical Physics*, 19(5):1163–1172, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1163_s1`.

Bincer:1978:RLO

[1318] Adam M. Bincer. Raising and lowering operators for the orthogonal groups. *Journal of Mathematical Physics*, 19(5):1173–1178, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1173_s1`.

Bincer:1978:NCS

[1319] Adam M. Bincer. Normalization coefficients for the O(n) shift operators. *Journal of Mathematical Physics*, 19(5):1179–1183, May 1978. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1179_s1.

Haley:1978:ERA

[1320] Stephen B. Haley. I. exact relations among correlation functions of inherently nondynamic interacting systems. *Journal of Mathematical Physics*, 19(5):1184–1186, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1184_s1.

Haley:1978:IES

[1321] Stephen B. Haley. II. exact solutions of disordered Ising spin chains in a magnetic field. *Journal of Mathematical Physics*, 19(5):1187–1191, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1187_s1.

Bacry:1978:ECL

[1322] H. Bacry. Eigenstates of complex linear combinations of J_1, J_2, J_3 for any representation of SU(2). *Journal of Mathematical Physics*, 19(5):1192–1195, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1192_s1.

Bacry:1978:PLA

[1323] H. Bacry. The projective Lie algebra of the Lorentz group and homographic transformations. *Journal of Mathematical Physics*, 19(5):1196–1197, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1196_s1.

Maugin:1978:CERa

[1324] G. A. Maugin. On the covariant equations of the relativistic electrodynamics of continua. I. General equations. *Journal of Mathematical Physics*, 19(5):1198–1205, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1198_s1.

Maugin:1978:CERb

[1325] G. A. Maugin. On the covariant equations of the relativistic electrodynamics of continua. II. Fluids. *Journal of Mathematical Physics*, 19(5):

1206–1211, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1206_s1.

Maugin:1978:CERc

[1326] G. A. Maugin. On the covariant equations of the relativistic electrodynamics of continua. III. Elastic solids. *Journal of Mathematical Physics*, 19(5):1212–1219, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1212_s1.

Maugin:1978:CERd

[1327] G. A. Maugin. On the covariant equations of the relativistic electrodynamics of continua. IV. Media with spin. *Journal of Mathematical Physics*, 19(5):1220–1226, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1220_s1.

Spohn:1978:EPQ

[1328] Herbert Spohn. Entropy production for quantum dynamical semigroups. *Journal of Mathematical Physics*, 19(5):1227–1230, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1227_s1.

Barker:1978:EPN

[1329] B. M. Barker and R. F. O'Connell. Erratum: "Post-Newtonian two-body and n-body problems with electric charge in general relativity". *Journal of Mathematical Physics*, 19(5):1231, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1231_s2. See [1025].

Lee:1978:ECC

[1330] L. L. Lee. Erratum: "Continuum calculus and Feynman's path integrals". *Journal of Mathematical Physics*, 19(5):1231, May 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i5/p1231_s1. See [711].

Kalnins:1978:LTWa

[1331] E. G. Kalnins and W. Miller, Jr. Lie theory and the wave equation in space–time. 4. the Klein–Gordon equation and the Poincaré group. *Journal of Mathematical Physics*, 19(6):1233–1246, June 1978. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1233_s1.

Kalnins:1978:LTWb

[1332] E. G. Kalnins and W. Miller, Jr. Lie theory and the wave equation in space–time. 5. R-separable solutions of the wave equation $\psi_{tt} - \Delta_3\psi = 0$. *Journal of Mathematical Physics*, 19(6):1247–1257, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1247_s1.

Kanal:1978:VPT

[1333] Madhoo Kanal and Harry E. Moses. A variational principle for transport theory. *Journal of Mathematical Physics*, 19(6):1258–1264, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1258_s1.

Perroud:1978:NFS

[1334] M. Perroud. A new formula for the spinor norm. *Journal of Mathematical Physics*, 19(6):1265–1266, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1265_s1.

Lehnigk:1978:BCS

[1335] Siegfried H. Lehnigk. Boundary condition solutions of the generalized Feller equation. *Journal of Mathematical Physics*, 19(6):1267–1275, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1267_s1.

LHuillier:1978:SMB

[1336] M. L'Huillier, Edward F. Redish, and P. C. Tandy. The structure of the many-body wavefunction for scattering. *Journal of Mathematical Physics*, 19(6):1276–1285, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1276_s1.

Wang:1978:CMN

[1337] P. K. C. Wang. A class of multidimensional nonlinear Langmuir waves. *Journal of Mathematical Physics*, 19(6):1286–1292, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1286_s1.

Sesma:1978:OAR

[1338] J. Sesma and V. Vento. Optical analysis of resonances in a velocity-dependent potential. *Journal of Mathematical Physics*, 19(6):1293–1299, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1293_s1.

Geroch:1978:NIG

[1339] Robert Geroch. Null infinity is not a good initial-data surface. *Journal of Mathematical Physics*, 19(6):1300–1303, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1300_s1.

Enz:1978:PMB

[1340] U. Enz. A particle model based on stringlike solitons. *Journal of Mathematical Physics*, 19(6):1304–1306, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1304_s1. See [1686].

Hioe:1978:CML

[1341] F. T. Hioe. Correlations in an N-mode laser. *Journal of Mathematical Physics*, 19(6):1307–1315, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1307_s1.

Hauser:1978:GNS

[1342] Isidore Hauser and Frederick J. Ernst. On the generation of new solutions of the Einstein–Maxwell field equations from electrovac spacetimes with isometries. *Journal of Mathematical Physics*, 19(6):1316–1323, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1316_s1.

Spero:1978:ASG

[1343] Alan Spero and Ralph Baierlein. Approximate symmetry groups of inhomogeneous metrics: Examples. *Journal of Mathematical Physics*, 19(6):1324–1334, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1324_s1.

Dalton:1978:NRD

[1344] B. J. Dalton. Nonlinear realizations of the direct product of two Lorentz groups on a skew-symmetric tensor space. *Journal of Mathematical*

Physics, 19(6):1335–1339, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1335_s1.

Mason:1978:DFS

[1345] D. P. Mason and D. K. McIlroy. The distribution function for stretched dipoles in an applied electric field. *Journal of Mathematical Physics*, 19(6):1340–1344, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1340_s1.

vanVliet:1978:LRT

[1346] K. M. van Vliet. Linear response theory revisited. I. The many-body van Hove limit. *Journal of Mathematical Physics*, 19(6):1345–1370, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1345_s1.

Goldstein:1978:NGT

[1347] Gary R. Goldstein and Michael J. Moravcsik. A no-go theorem for polarization structure. *Journal of Mathematical Physics*, 19(6):1371–1375, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1371_s1.

Yamazaki:1978:CKT

[1348] Masatoshi Yamazaki. On the charged Kerr–Tomimatsu–Sato family of solutions. *Journal of Mathematical Physics*, 19(6):1376–1378, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1376_s1.

vanHaeringen:1978:SAE

[1349] H. van Haeringen. Simple analytic expressions for the Coulomb off-shell Jost functions. *Journal of Mathematical Physics*, 19(6):1379–1380, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1379_s1.

Cahill:1978:TC

[1350] K. Cahill and N. Stoltzfus. Topological cohesion. *Journal of Mathematical Physics*, 19(6):1381, June 1978. CODEN JMAPAQ. ISSN 0022-2488

(print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1381_s1.

Jordan:1978:SPN

[1351] Thomas F. Jordan. Simple proof of no position operator for quanta with zero mass and nonzero helicity. *Journal of Mathematical Physics*, 19(6):1382–1385, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1382_s1.

Hagelstein:1978:SML

[1352] P. L. Hagelstein. Solution of a modified lamé equation with an integral term. *Journal of Mathematical Physics*, 19(6):1386–1390, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1386_s1.

Rashid:1978:ISG

[1353] M. A. Rashid. The intelligent states. I. Group-theoretic study and the computation of matrix elements. *Journal of Mathematical Physics*, 19(6):1391–1396, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1391_s1.

Rashid:1978:ISI

[1354] M. A. Rashid. The intelligent states. II. The computation of the Clebsch–Gordan coefficients. *Journal of Mathematical Physics*, 19(6):1397–1402, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1397_s1.

Boyd:1978:TFW

[1355] T. J. M. Boyd and J. G. Turner. Three- and four-wave interactions in plasmas. *Journal of Mathematical Physics*, 19(6):1403–1413, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1403_s1.

Lee:1978:PIS

[1356] S. W. Lee. Path integrals for solving some electromagnetic edge diffraction problems. *Journal of Mathematical Physics*, 19(6):1414–1422, June

1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1414_s1.

Bandyopadhyay:1978:CSD

[1357] Nikhilendu Bandyopadhyay. Cylindrically symmetric dust distributions in rigid rotation in Brans–Dicke theory. *Journal of Mathematical Physics*, 19(6):1423–1425, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1423_s1.

Naundorf:1978:MCS

[1358] Friedrich F. Naundorf. A method for computing scattering phase shifts and eigenvalues of the Schrödinger equation with singular potentials. *Journal of Mathematical Physics*, 19(6):1426–1432, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1426_s1.

Kress:1978:TPH

[1359] R. Kress and G. F. Roach. Transmission problems for the Helmholtz equation. *Journal of Mathematical Physics*, 19(6):1433–1437, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1433_s1.

Samuel:1978:FIA

[1360] Stuart Samuel. Functional integrals over anticommuting variables and the one-dimensional scattering problem. *Journal of Mathematical Physics*, 19(6):1438–1444, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1438_s1.

Boyd:1978:CPM

[1361] John P. Boyd. A Chebyshev polynomial method for computing analytic solutions to eigenvalue problems with application to the anharmonic oscillator. *Journal of Mathematical Physics*, 19(6):1445–1456, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1445_s1.

Mermin:1978:HGC

[1362] N. D. Mermin. The homotopy groups of condensed matter physics. *Journal of Mathematical Physics*, 19(6):1457–1462, June 1978. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1457_s1.

Cornille:1978:IIE

[1363] Henri Cornille. An inversionlike integral equation in the multidimensional case. *Journal of Mathematical Physics*, 19(6):1463–1466, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1463_s1.

Hosokawa:1978:ASS

[1364] I. Hosokawa. Asymptotic steady-state solution in the functional random-walk model. *Journal of Mathematical Physics*, 19(6):1467–1470, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1467_s1.

Staunton:1978:LSA

[1365] L. P. Staunton. Lorentz subgroup analysis of the Lie algebra of Sp$(8, R)$ and a null-plane, boson realization. *Journal of Mathematical Physics*, 19(6):1471–1476, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1471_s1.

Domokos:1978:AC

[1366] G. Domokos and S. Kövesi-Domokos. The algebra of color. *Journal of Mathematical Physics*, 19(6):1477–1481, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1477_s1.

Zecca:1978:CL

[1367] Antonio Zecca. On the coupling of logics. *Journal of Mathematical Physics*, 19(6):1482–1485, June 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i6/p1482_s1.

Bednar:1978:FDC

[1368] Miroslav Bednář and Vladimír Šachl. Fourth degree Casimir operator of the semisimple graded Lie algebra (Sp$(2N)$; $2N$). *Journal of Mathematical Physics*, 19(7):1487–1492, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1487_s1.

Jagannathan:1978:NRP

[1369] R. Jagannathan and R. Vasudevan. A note on representation of para-Fermi algebra. *Journal of Mathematical Physics*, 19(7):1493–1494, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1493_s1.

Bergere:1978:RPB

[1370] M. C. Bergère and C. Gilain. Regge pole behavior in ϕ^3 field theory. *Journal of Mathematical Physics*, 19(7):1495–1512, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1495_s1.

Millener:1978:NRC

[1371] D. J. Millener. A note on recoupling coefficients for SU(3). *Journal of Mathematical Physics*, 19(7):1513–1514, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1513_s1.

Taubes:1978:SAK

[1372] Clifford Henry Taubes. Solution of the almost-Killing equation and conformal almost- Killing equation in the Kerr spacetime. *Journal of Mathematical Physics*, 19(7):1515–1525, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1515_s1.

Devaney:1978:NIS

[1373] A. J. Devaney. Nonuniqueness in the inverse scattering problem. *Journal of Mathematical Physics*, 19(7):1526–1531, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1526_s1.

Dupre:1978:CRV

[1374] Maurice J. Dupré and Steven I. Rosencrans. Classical and relativistic vorticity in a semi-Riemannian manifold. *Journal of Mathematical Physics*, 19(7):1532–1535, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1532_s1.

Spero:1978:SCF

[1375] Alan Spero and Duane A. Szafron. Spatial conformal flatness in homogeneous and inhomogeneous cosmologies. *Journal of Mathematical*

Physics, 19(7):1536–1541, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1536_s1.

Ashtekar:1978:UTN

[1376] Abhay Ashtekar and R. O. Hansen. A unified treatment of null and spatial infinity in general relativity. I. Universal structure, asymptotic symmetries, and conserved quantities at spatial infinity. *Journal of Mathematical Physics*, 19(7):1542–1566, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1542_s1.

Ashtekar:1978:TAS

[1377] Abhay Ashtekar and Anne Magnon-Ashtekar. A technique for analyzing the structure of isometries. *Journal of Mathematical Physics*, 19(7):1567–1572, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1567_s1.

Osborne:1978:SSG

[1378] Anthony Osborne and Allan E. G. Stuart. On the separability of the sine-Gordon equation and similar quasilinear partial differential equations. *Journal of Mathematical Physics*, 19(7):1573–1579, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1573_s1.

Budic:1978:EIC

[1379] Robert Budic, Mark J. Gotay, and Robert H. Gowdy. Existence of instantaneous Cauchy surfaces. *Journal of Mathematical Physics*, 19(7):1580–1583, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1580_s1.

Kornacker:1978:DFN

[1380] Karl Kornacker. Discrete finite nilpotent Lie analogs: New models for unified gauge field theory. *Journal of Mathematical Physics*, 19(7):1584–1586, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1584_s1. See erratum [1557].

Siewert:1978:PEE

[1381] C. E. Siewert. On a possible experiment to evaluate the validity of the one-speed or constant cross section model of the neutron-transport equation. *Journal of Mathematical Physics*, 19(7):1587–1588, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1587_s1.

Haller:1978:LTO

[1382] K. Haller and R. B. Sohn. Lorentz transformations of observable and ghost particle states in quantum electrodynamics and in a massive gauge theory. *Journal of Mathematical Physics*, 19(7):1589–1593, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1589_s1.

Hagelstein:1978:SSO

[1383] P. L. Hagelstein. Solution of a second-order integro-differential equation which occurs in laser modelocking. *Journal of Mathematical Physics*, 19(7):1594–1599, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1594_s1.

Druhl:1978:TCL

[1384] Kai Drühl. A theory of classical limit for quantum theories which are defined by real Lie algebras. *Journal of Mathematical Physics*, 19(7):1600–1606, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1600_s1.

Xanthopoulos:1978:EVS

[1385] Basilis C. Xanthopoulos. Exact vacuum solutions of Einstein's equation from linearised solutions. *Journal of Mathematical Physics*, 19(7):1607–1609, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1607_s1.

Chandler:1978:BQS

[1386] Colston Chandler and A. G. Gibson. N-body quantum scattering theory in two Hilbert spaces. II. Some asymptotic limits. *Journal of Mathematical Physics*, 19(7):1610–1616, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1610_s1.

Carlson:1978:ISK

[1387] George T. Carlson, Jr. and John L. Safko. An investigation of some of the kinematical aspects of plane symmetric space–times. *Journal of Mathematical Physics*, 19(7):1617–1624, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1617_s1.

Chitre:1978:CCS

[1388] D. M. Chitre. Characterization of certain stationary solutions of Einstein's equations. *Journal of Mathematical Physics*, 19(7):1625–1626, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1625_s1.

Rideau:1978:NRR

[1389] G. Rideau. Noncompletely reducible representations of the Poincaré group associated with the generalized Lorentz gauge. *Journal of Mathematical Physics*, 19(7):1627–1634, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1627_s1.

Wong:1978:MFS

[1390] M. K. F. Wong. Multiplicity-free 6-j symbols and Weyl coefficients of U(n): Explicit evaluation. *Journal of Mathematical Physics*, 19(7):1635–1643, July 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i7/p1635_s1.

Huddleston:1978:IWC

[1391] P. L. Huddleston. Inönü-Wigner contractions of the real four-dimensional Lie algebras. *Journal of Mathematical Physics*, 19(8):1645–1649, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1645_s1.

Doria:1978:MTF

[1392] Francisco Antonio Doria and Sergio Murilo Abrahão. Mesonic test fields and spacetime cohomology. *Journal of Mathematical Physics*, 19(8):1650–1653, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1650_s1.

Talukdar:1978:CSW

[1393] B. Talukdar, R. N. Chaudhuri, U. Das, and P. Banerjee. Continuum S state wavefunctions for the Debye potential by Ecker–Weizel approximations. *Journal of Mathematical Physics*, 19(8):1654–1655, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1654_s1`.

Cheng:1978:CLD

[1394] Kuo shung Cheng. Constraints of the Lorentz–Dirac equation. *Journal of Mathematical Physics*, 19(8):1656–1657, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1656_s1`.

Morgan:1978:ABB

[1395] John D. Morgan III. The asymptotic behavior of bound eigenfunctions of Hamiltonians for single-variable systems. *Journal of Mathematical Physics*, 19(8):1658–1661, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1658_s1`. See erratum [1605].

Sarma:1978:PBS

[1396] C. R. Sarma and K. V. Dinesha. Projected basis set for the irreducible representation $\{2^{N/2-S}, 1^{2S}\}$ of $\mathrm{U}(n)$. *Journal of Mathematical Physics*, 19(8):1662–1666, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1662_s1`.

Basu:1978:LGO

[1397] Debabrata Basu. The Lorentz group in the oscillator realization. I. The group $\mathrm{SO}(2,1)$ and the transformation matrices connecting the $\mathrm{SO}(2)$ and $\mathrm{SO}(1,1)$ bases. *Journal of Mathematical Physics*, 19(8):1667–1670, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1667_s1`.

Yasue:1978:SDO

[1398] Kunio Yasue. A simple derivation of the Onsager–Machlup formula for one-dimensional nonlinear diffusion process. *Journal of Mathematical Physics*, 19(8):1671–1673, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1671_s1`.

Sullivan:1978:RCS

[1399] John J. Sullivan. Recoupling coefficients of the symmetric group involving outer plethysms. *Journal of Mathematical Physics*, 19(8):1674–1680, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1674_s1.

Sullivan:1978:RCG

[1400] John J. Sullivan. Recoupling coefficients of the general linear group in bases adapted to shell theories. *Journal of Mathematical Physics*, 19(8):1681–1687, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1681_s1.

Saenz:1978:UEM

[1401] A. W. Sáenz and W. W. Zachary. Unitarily equivalent multiparticle Hamiltonian systems yielding equal scattering for corresponding states. *Journal of Mathematical Physics*, 19(8):1688–1698, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1688_s1.

Babbitt:1978:GSR

[1402] Donald Babbitt and Lawrence Thomas. Ground state representation of the infinite one-dimensional Heisenberg ferromagnet. III. Scattering theory. *Journal of Mathematical Physics*, 19(8):1699–1704, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1699_s1.

Srinivas:1978:CPS

[1403] M. D. Srinivas. Conditional probabilities and statistical independence in quantum theory. *Journal of Mathematical Physics*, 19(8):1705–1710, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1705_s1.

Dhar:1978:EPT

[1404] Deepak Dhar. Entropy and phase transitions in partially ordered sets. *Journal of Mathematical Physics*, 19(8):1711–1713, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1711_s1.

CastilhoAlcaras:1978:HAH

[1405] J. A. Castilho Alcarás. On the higher approximations of the K-harmonics method. *Journal of Mathematical Physics*, 19(8):1714–1719, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1714_s1.

Sattinger:1978:BRI

[1406] D. H. Sattinger. Bifurcation from rotationally invariant states. *Journal of Mathematical Physics*, 19(8):1720–1732, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1720_s1.

Ladde:1978:SDI

[1407] G. S. Ladde. Systems of differential inequalities and stochastic differential equations. IV. *Journal of Mathematical Physics*, 19(8):1733–1741, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1733_s1.

Truman:1978:FMW

[1408] Aubrey Truman. The Feynman maps and the Wiener integral. *Journal of Mathematical Physics*, 19(8):1742–1750, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1742_s1. See erratum [1814].

Ekhaguere:1978:TSR

[1409] G. O. S. Ekhaguere. The theory of superselection rules. I. A class of inequivalent, irreducible *-representations of the canonical commutation relations of the free electromagnetic field. *Journal of Mathematical Physics*, 19(8):1751–1757, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1751_s1.

Burdet:1978:OGS

[1410] G. Burdet, J. Patera, M. Perrin, and P. Winternitz. The optical group and its subgroups. *Journal of Mathematical Physics*, 19(8):1758–1780, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1758_s1.

Castanos:1978:GFC

[1411] O. Castaños, A. Frank, and M. Moshinsky. The gradient formula for the O(5) $\subseteq$ O(3) chain of groups. *Journal of Mathematical Physics*, 19(8):1781–1789, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1781_s1.

Elizalde:1978:GPG

[1412] E. Elizalde and J. Gomis. The groups of Poincaré and Galilei in arbitrary dimensional spaces. *Journal of Mathematical Physics*, 19(8):1790–1792, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1790_s1.

Kanal:1978:DIPa

[1413] Madhoo Kanal and Harry E. Moses. Direct-inverse problems in transport theory. 1. The inverse problem. *Journal of Mathematical Physics*, 19(8):1793–1798, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1793_s1.

Ahner:1978:CCI

[1414] Henry F. Ahner and Allan E. Moose. Corrigendum to "Covariant inverse problem of the calculus of variations". *Journal of Mathematical Physics*, 19(8):1799–1800, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1799_s1. See [953].

Sorkin:1978:EEF

[1415] Rafael Sorkin. Erratum: "The electromagnetic field on a simplicial net". *Journal of Mathematical Physics*, 19(8):1800, August 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i8/p1800_s1. See [389].

Verri:1978:QDS

[1416] Maurizio Verri and Vittorio Gorini. Quantum dynamical semigroups and multipole relaxation of a spin in isotropic surroundings. *Journal of Mathematical Physics*, 19(9):1803–1807, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1803_s1.

Tanabe:1978:GSA

[1417] Yukio Tanabe. Generation of stationary axisymmetric Einstein–Maxwell fields. *Journal of Mathematical Physics*, 19(9):1808–1811, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1808_s1.

Fisher:1978:TRG

[1418] Kurt Fisher and Henry F. Ahner. Theorem on the representations of SO(n) groups. *Journal of Mathematical Physics*, 19(9):1812–1815, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1812_s1.

Ernst:1978:FEI

[1419] F. J. Ernst and I. Hauser. Field equations and integrability conditions for special type N twisting gravitational fields. *Journal of Mathematical Physics*, 19(9):1816–1822, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1816_s1.

Froman:1978:AGQ

[1420] Nanny Fröman and Per Olof Fröman. On the application of the generalized quantal Bohr–Sommerfeld quantization condition to single-well potentials with very steep walls. *Journal of Mathematical Physics*, 19(9):1823–1829, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1823_s1.

Froman:1978:PIQ

[1421] Nanny Fröman and Per Olof Fröman. On phase-integral quantization conditions for bound states in one-dimensional smooth single-well potentials. *Journal of Mathematical Physics*, 19(9):1830–1837, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1830_s1.

Cohen:1978:TVT

[1422] Leon Cohen. The tensor virial theorem in quantum mechanics. *Journal of Mathematical Physics*, 19(9):1838–1840, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1838_s1.

Marlow:1978:QTH

[1423] A. R. Marlow. Quantum theory and Hilbert space. *Journal of Mathematical Physics*, 19(9):1841–1846, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1841_s1.

Yamazaki:1978:KTS

[1424] Masatoshi Yamazaki. On the Kerr–Tomimatsu–Sato family of solutions with nonintegral distortion parameter. *Journal of Mathematical Physics*, 19(9):1847–1849, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1847_s1.

Onofri:1978:SPH

[1425] E. Onofri and M. Pauri. Search for periodic Hamiltonian flows: A generalized Bertrand's theorem. *Journal of Mathematical Physics*, 19(9):1850–1858, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1850_s1.

Lowenstein:1978:LCF

[1426] John H. Lowenstein and Eugene R. Speer. Light-cone finite normal products. *Journal of Mathematical Physics*, 19(9):1859–1865, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1859_s1.

Gersten:1978:TDG

[1427] Joel I. Gersten. A time dependent generalization of the multiple scattering formalism. *Journal of Mathematical Physics*, 19(9):1866–1868, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1866_s1.

Aldaya:1978:VPO

[1428] Víctor Aldaya and José A. de Azcárraga. Variational principles on rth order jets of fibre bundles in field theory. *Journal of Mathematical Physics*, 19(9):1869–1875, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1869_s1.

Aldaya:1978:VBO

[1429] V. Aldaya and J. A. de Azcárraga. Vector bundles, rth order Noether invariants and canonical symmetries in Lagrangian field theory. *Journal of Mathematical Physics*, 19(9):1876–1880, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1876_s1.

Arnal:1978:NSS

[1430] D. Arnal. Nuclearity of some spaces of C^∞ vectors in induced representations. *Journal of Mathematical Physics*, 19(9):1881–1886, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1881_s1.

Martin:1978:SMA

[1431] J. Martin and J. L. Sanz. Slow motion approximation in predictive relativistic mechanics. I. Approximated dynamics up to order c^{-4}. *Journal of Mathematical Physics*, 19(9):1887–1891, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1887_s1.

Yasue:1978:SQW

[1432] Kunio Yasue. Stochastic quantization of wave fields and its application to dissipatively interacting fields. *Journal of Mathematical Physics*, 19(9):1892–1897, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1892_s1.

Letelier:1978:UTD

[1433] Patricio S. Letelier. Unified theory of direct interaction between particles, strings, and membranes. *Journal of Mathematical Physics*, 19(9):1898–1908, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1898_s1.

Bencze:1978:GAT

[1434] Gy. Bencze and Edward F. Redish. General algebraic theory of identical particle scattering. *Journal of Mathematical Physics*, 19(9):1909–1917, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1909_s1.

Katzin:1978:EMT

[1435] Gerald H. Katzin and Jack Levine. Energy-momentum tensor symmetries and concomitant conservation laws. I. Einstein-massless-scalar (meson) field. *Journal of Mathematical Physics*, 19(9):1918–1925, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1918_s1.

Kinnersley:1978:SSEa

[1436] William Kinnersley and D. M. Chitre. Symmetries of the stationary Einstein–Maxwell field equations. III. *Journal of Mathematical Physics*, 19(9):1926–1931, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1926_s1.

Underhill:1978:QMC

[1437] J. Underhill. Quantization on a manifold with connection. *Journal of Mathematical Physics*, 19(9):1932–1935, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1932_s1.

Cornille:1978:GII

[1438] Henri Cornille. Generalization of the inversionlike integral equations and application to nonlinear partial differential equations. II. *Journal of Mathematical Physics*, 19(9):1936–1945, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1936_s1.

Dewar:1978:RPW

[1439] R. L. Dewar. Random phase wave: a soluble non-Markovian system. *Journal of Mathematical Physics*, 19(9):1946–1951, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1946_s1.

Srinivas:1978:QGK

[1440] M. D. Srinivas. Quantum generalization of Kolmogorov entropy. *Journal of Mathematical Physics*, 19(9):1952–1961, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1952_s1.

Rowe:1978:SDF

[1441] E. G. Peter Rowe. Spherical delta functions and multipole expansions. *Journal of Mathematical Physics*, 19(9):1962–1968, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1962_s1.

Hall:1978:LEB

[1442] Richard L. Hall. Lower energy bounds for translation-invariant atomlike systems. *Journal of Mathematical Physics*, 19(9):1969–1972, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1969_s1.

Venkatesh:1978:SCa

[1443] K. Venkatesh. Symmetries of the $6j$ coefficient. *Journal of Mathematical Physics*, 19(9):1973–1974, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1973_s1.

Davidson:1978:EQM

[1444] Mark Davidson. On the equivalence of quantum mechanics and a certain class of Markov processes. *Journal of Mathematical Physics*, 19(9):1975–1978, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1975_s1.

Wierman:1978:CPP

[1445] John C. Wierman. On critical probabilities in percolation theory. *Journal of Mathematical Physics*, 19(9):1979–1982, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1979_s1.

Radin:1978:PET

[1446] Charles Radin. Pointwise ergodic theory on operator algebras. *Journal of Mathematical Physics*, 19(9):1983–1985, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1983_s1.

Ernst:1978:GM

[1447] Frederick J. Ernst. Generalized C-metric. *Journal of Mathematical Physics*, 19(9):1986–1987, September 1978. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1986_s1. See erratum [1888].

Chapman:1978:IVM

[1448] David M. F. Chapman. Ideal vortex motion in two dimensions: Symmetries and conservation laws. *Journal of Mathematical Physics*, 19 (9):1988–1992, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1988_s1.

Fox:1978:HFT

[1449] Ronald Forrest Fox. Hydrodynamic fluctuation theories. *Journal of Mathematical Physics*, 19(9):1993–1999, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p1993_s1.

Srivastava:1978:TST

[1450] Sushil K. Srivastava and Mahendra P. Pathak. A time-symmetric tachyon universe. *Journal of Mathematical Physics*, 19(9):2000–2003, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p2000_s1.

Blume:1978:CQS

[1451] M. Blume. Comments on: "Quantum system subject to random pulses", [J. Math. Phys. **18** (1977), no. 7, 1327–1329; MR 81e:81038b]. *Journal of Mathematical Physics*, 19(9):2004, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p2004_s1. See [947].

Benza:1978:ELT

[1452] V. Benza and E. Montaldi. Erratum: "Large time behavior of the superfluorescent decay". *Journal of Mathematical Physics*, 19(9):2005, September 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p2005_s2. See [1225].

Taylor:1978:EIG

[1453] William J. Taylor. Erratum: "Inverse Gaussian transforms: General properties and application to Slater-type orbitals with noninteger and integer n in the coordinate and momentum representations". *Journal of Mathematical Physics*, 19(9):2005, September 1978. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i9/p2005_s1. See [1135].

Gruber:1978:MFF

[1454] Bruno Gruber and A. U. Klimyk. Multiplicity free and finite multiplicity indecomposable representations of the algebra su(1,1). *Journal of Mathematical Physics*, 19(10):2009–2017, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2009_s1.

Mitra:1978:IT

[1455] A. K. Mitra. On the interaction of the type $\lambda x^2/(1+gx^2)$. *Journal of Mathematical Physics*, 19(10):2018–2022, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2018_s1.

March:1978:AFF

[1456] N. H. March. Average force and force correlation formulas for momentum transfer cross section. *Journal of Mathematical Physics*, 19(10): 2023, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2023_s1.

Curtis:1978:CWN

[1457] W. D. Curtis, D. E. Lerner, and F. R. Miller. Complex *pp* waves and the nonlinear graviton construction. *Journal of Mathematical Physics*, 19(10):2024–2027, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2024_s1.

Maekawa:1978:CFR

[1458] Takayoshi Maekawa. On the computation formulas of the $\mathrm{SO}(n-1,1)$ representation matrix elements. *Journal of Mathematical Physics*, 19 (10):2028–2036, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2028_s1.

Kinnersley:1978:SSEb

[1459] William Kinnersley and D. M. Chitre. Symmetries of the stationary Einstein–Maxwell equations. IV. Transformations which preserve asymptotic flatness. *Journal of Mathematical Physics*, 19(10):2037–2042, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2037_s1.

Creutz:1978:II

[1460] Michael Creutz. On invariant integration over SU(N). *Journal of Mathematical Physics*, 19(10):2043–2046, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2043_s1.

Catenacci:1978:ASS

[1461] Roberto Catenacci and Franco Salmistraro. Almost-structures and structures in Lorentzian manifolds. I. Almost-Hermite- and almost-product-(2×2)-structures. *Journal of Mathematical Physics*, 19(10):2047–2051, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2047_s1.

Harris:1978:IDL

[1462] R. A. Harris and J. D. Zund. An investigation of Dubourdieu's list of space–times which admit holonomy groups. *Journal of Mathematical Physics*, 19(10):2052–2054, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2052_s1.

Lee:1978:CCI

[1463] L. L. Lee. Continuum calculus. III. Skorohod's weak distributions in the evaluation of a class of Feynman path integrals. *Journal of Mathematical Physics*, 19(10):2055–2059, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2055_s1.

Venkatesh:1978:SCb

[1464] K. Venkatesh. Symmetries of the $3j$ coefficient. *Journal of Mathematical Physics*, 19(10):2060–2063, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2060_s1.

Brydges:1978:NFM

[1465] David Brydges and Paul Federbush. A new form of the Mayer expansion in classical statistical mechanics. *Journal of Mathematical Physics*, 19(10):2064–2067, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2064_s1.

Hughes:1978:SOG

[1466] J. W. B. Hughes and J. Yadegar. O(3) shift operators: the general analysis. *Journal of Mathematical Physics*, 19(10):2068–2078, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2068_s1.

Ullah:1978:PEH

[1467] Nazakat Ullah. On the polynomial expansion of the Hill–Wheeler integral for the rotational energies. *Journal of Mathematical Physics*, 19 (10):2079–2081, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2079_s1.

Mitchell:1978:VCT

[1468] Thomas P. Mitchell. Vector constants and their algebras for classical Hamiltonians. *Journal of Mathematical Physics*, 19(10):2082–2084, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2082_s1.

Smrz:1978:RDL

[1469] P. K. Smrz. Relativity and deformed Lie groups. *Journal of Mathematical Physics*, 19(10):2085–2088, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2085_s1.

Sharma:1978:PBC

[1470] J. K. Sharma, C. L. Mehta, and E. C. G. Sudarshan. Para-Bose coherent states. *Journal of Mathematical Physics*, 19(10):2089–2093, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2089_s1.

Hostler:1978:CLQ

[1471] Levere Hostler. Coulomb-like quantization of the electromagnetic field on spacelike hyperboloids. *Journal of Mathematical Physics*, 19(10):2094–2099, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2094_s1.

Portinari:1978:IST

[1472] João C. Portinari. An inverse scattering transform for potentials of compact support. *Journal of Mathematical Physics*, 19(10):2100–2102, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2100_s1.

Dixon:1978:SCA

[1473] Geoffrey Dixon. Super Clifford algebra. *Journal of Mathematical Physics*, 19(10):2103–2107, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2103_s1.

Angelopoulos:1978:LRB

[1474] E. Angelopoulos. The linear representations of $\overline{\mathrm{SL}}(3, \mathbf{R})$ on a Banach space. *Journal of Mathematical Physics*, 19(10):2108–2120, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2108_s1.

Leitman:1978:SDD

[1475] M. Leitman, N. Schwartz, and M. J. Beran. Scattering in the depth direction for an anisotropic random medium. *Journal of Mathematical Physics*, 19(10):2121–2123, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2121_s1.

Sakmar:1978:CUS

[1476] I. A. Sakmar. Conditions on the uniqueness of the solution of the elastic unitarity equation. *Journal of Mathematical Physics*, 19(10):2124–2125, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2124_s1.

Beckers:1978:TFI

[1477] J. Beckers, J. Harnad, M. Perroud, and P. Winternitz. Tensor fields invariant under subgroups of the conformal group of space–time. *Journal of Mathematical Physics*, 19(10):2126–2153, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2126_s1.

McNamara:1978:SCA

[1478] Brendan McNamara. Super-convergent adiabatic invariants with resonant denominators by Lie transforms. *Journal of Mathematical Physics*, 19(10):2154–2164, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2154_s1.

vanHaeringen:1978:BSS

[1479] H. van Haeringen. The bound states for the symmetric shifted Coulomb potential. *Journal of Mathematical Physics*, 19(10):2165–2170, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2165_s1.

vanHaeringen:1978:BSL

[1480] H. van Haeringen. Bound states for r^{-2}-like potentials in one and three dimensions. *Journal of Mathematical Physics*, 19(10):2171–2179, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2171_s1.

Ablowitz:1978:SRS

[1481] M. J. Ablowitz and J. Satsuma. Solitons and rational solutions of nonlinear evolution equations. *Journal of Mathematical Physics*, 19(10):2180–2186, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2180_s1.

Majumdar:1978:STM

[1482] Chanchal K. Majumdar and Indrani Bose. Solutions of the three-magnon bound state equation. III. The physical eigenstate. *Journal of Mathematical Physics*, 19(10):2187–2192, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2187_s1.

Rittenberg:1978:SGL

[1483] V. Rittenberg and D. Wyler. Sequences of $\mathrm{Z}_2 \otimes \mathrm{Z}_2$ graded Lie algebras and superalgebras. *Journal of Mathematical Physics*, 19(10):2193–2200, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2193_s1.

Liu:1978:IWT

[1484] Kuang Chi Liu. On the inversion of the Weyl transform. *Journal of Mathematical Physics*, 19(10):2201–2202, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2201_s1.

Kannenberg:1978:KVG

[1485] L. Kannenberg. Killing vectors in gauge supersymmetry. *Journal of Mathematical Physics*, 19(10):2203–2206, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2203_s1.

Davies:1978:GED

[1486] K. T. R. Davies and Richard L. Becker. General expressions for divergence relations and multipole expansions for arbitrary scalar functions. *Journal of Mathematical Physics*, 19(10):2207–2215, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2207_s1.

Ashtekar:1978:ICA

[1487] Abhay Ashtekar and Basilis C. Xanthopoulos. Isometries compatible with asymptotic flatness at null infinity: a complete description. *Journal of Mathematical Physics*, 19(10):2216–2222, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2216_s1.

vanOost:1978:GRM

[1488] E. van Oost and H. N. W. Lekkerkerker. Geometry of the roots of matrices with Onsager–Casimir symmetry. *Journal of Mathematical Physics*, 19(10):2223–2228, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2223_s1.

Schaposnik:1978:FBA

[1489] F. A. Schaposnik and J. E. Solomin. Fibre bundle analysis of topological charges in spontaneously broken gauge theories. *Journal of Mathematical Physics*, 19(10):2229–2231, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2229_s1.

Uzes:1978:MRI

[1490] C. A. Uzes. Mechanical response and the initial value problem. *Journal of Mathematical Physics*, 19(10):2232–2238, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2232_s1.

Phares:1978:EEE

[1491] Alain J. Phares. The energy eigenvalue equation for the linear potential. *Journal of Mathematical Physics*, 19(10):2239–2244, October 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i10/p2239_s1.

Jha:1978:GCE

[1492] Dhirendra Kumar Jha. A general commutator equation in the algebra of spin operators. *Journal of Mathematical Physics*, 19(11):2247–2252, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2247_s1.

Okolowski:1978:NSF

[1493] J. A. Okolowski. A nonlinear scalar field theory in isotropic homogeneous space–time. *Journal of Mathematical Physics*, 19(11):2253–2255, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2253_s1. See erratum [1815].

Demoen:1978:ESS

[1494] Bart Demoen, Paul Vanheuverzwijn, and André Verbeure. Energetically stable systems. *Journal of Mathematical Physics*, 19(11):2256–2259, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2256_s1.

Prugovecki:1978:RQK

[1495] Eduard Prugovečki. Relativistic quantum kinematics on stochastic phase spaces for massive particles. *Journal of Mathematical Physics*, 19(11):2260–2270, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2260_s1.

Prugovecki:1978:SPS

[1496] Eduard Prugovečki. Stochastic phase space kinematics of the photon. *Journal of Mathematical Physics*, 19(11):2271–2277, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2271_s1.

Snellman:1978:RWL

[1497] Håkan Snellman. Representations of the Weyl Lie algebra as models of elementary particles. *Journal of Mathematical Physics*, 19(11):2278–2282, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2278_s1.

Wesson:1978:ESE

[1498] Paul S. Wesson. An exact solution to Einstein's equations with a stiff equation of state. *Journal of Mathematical Physics*, 19(11):2283–2284, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2283_s1.

McGuinness:1978:CDK

[1499] Mark J. McGuinness. The conserved densities of the Korteweg–de Vries equation. *Journal of Mathematical Physics*, 19(11):2285–2288, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2285_s1.

Lapedes:1978:BTP

[1500] A. S. Lapedes. Bogoliubov transformations, propagators, and the Hawking effect. *Journal of Mathematical Physics*, 19(11):2289–2293, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2289_s1.

Gowdy:1978:GSP

[1501] Robert H. Gowdy. Geometrical spacetime perturbation theory: Regular first-order structures. *Journal of Mathematical Physics*, 19(11):2294–2304, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2294_s1.

Chinea:1978:CHS

[1502] F. J. Chinea. Causality in homogeneous spaces. *Journal of Mathematical Physics*, 19(11):2305–2307, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2305_s1.

Boon:1978:CSL

[1503] M. Boon and J. Zak. Coherent states and lattice sums. *Journal of Mathematical Physics*, 19(11):2308–2311, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2308_s1.

Shadwick:1978:BPE

[1504] W. F. Shadwick. The Bäcklund problem for the equation $\partial^2 z/\partial x^1 \partial x^2 = f(z)$. *Journal of Mathematical Physics*, 19(11):2312–2317, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2312_s1.

Inomata:1978:PIP

[1505] Akira Inomata and Vijay A. Singh. Path integrals with a periodic constraint: Entangled strings. *Journal of Mathematical Physics*, 19 (11):2318–2323, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2318_s1.

Palmer:1978:CEG

[1506] T. N. Palmer. Conservation equations and the gravitational symplectic form. *Journal of Mathematical Physics*, 19(11):2324–2331, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2324_s1.

Farrukh:1978:CQF

[1507] M. O. Farrukh. Constructing quantum fields in a Fock space using a new picture of quantum mechanics. *Journal of Mathematical Physics*, 19(11):2332–2340, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2332_s1.

Deliyannis:1978:CSI

[1508] Platon C. Deliyannis. Conditioning of states. II. *Journal of Mathematical Physics*, 19(11):2341–2345, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2341_s1.

Deans:1978:URI

[1509] Stanley R. Deans. A unified Radon inversion formula. *Journal of Mathematical Physics*, 19(11):2346–2349, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2346_s1.

Plebanski:1978:EGH

[1510] Jerzy F. Plebański and Ivor Robinson. Electromagnetic and gravitational Hertz potentials. *Journal of Mathematical Physics*, 19(11):2350–2358, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2350_s1.

Constantinescu:1978:QFT

[1511] Florin Constantinescu and Herbert M. Ruck. Quantum field theory Potts model. *Journal of Mathematical Physics*, 19(11):2359–2361, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2359_s1.

Patera:1978:PIT

[1512] J. Patera, R. T. Sharp, and P. Winternitz. Polynomial irreducible tensors for point groups. *Journal of Mathematical Physics*, 19(11):2362–2376, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2362_s1.

Baumeister:1978:GHJ

[1513] Richard Baumeister. Generalized Hamilton–Jacobi theories. *Journal of Mathematical Physics*, 19(11):2377–2387, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2377_s1.

Gotay:1978:PMD

[1514] Mark J. Gotay, James M. Nester, and George Hinds. Presymplectic manifolds and the Dirac–Bergmann theory of constraints. *Journal of Mathematical Physics*, 19(11):2388–2399, November 1978. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2388_s1.

Backhouse:1978:CFD

[1515] Nigel Backhouse. A classification of four-dimensional Lie superalgebras. *Journal of Mathematical Physics*, 19(11):2400–2402, November 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i11/p2400_s1.

Garibotti:1978:PPA

[1516] C. R. Garibotti and F. F. Grinstein. Punctual Padé approximants as a regularization procedure for divergent and oscillatory partial wave expansions of the scattering amplitude. *Journal of Mathematical Physics*, 19(12):2405–2409, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2405_s1.

Sabatier:1978:SSI

[1517] Pierre C. Sabatier. Spectral and scattering inverse problems. *Journal of Mathematical Physics*, 19(12):2410–2425, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2410_s1.

Zorbas:1978:RPW

[1518] J. Zorbas. Renormalized plane wave-projected and Coulomb-projected T- matrices. *Journal of Mathematical Physics*, 19(12):2426–2430, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2426_s1.

Corones:1978:ILG

[1519] James Corones. An illustration of the Lie group framework for soliton equations: Generalizations of the Lund–Regge model. *Journal of Mathematical Physics*, 19(12):2431–2436, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2431_s1.

Nikolic:1978:TRN

[1520] Zlatiborka A. Nikolić. Time-reversal noninvariance of the quantum-mechanical kinetic equation of Kadanoff and Baym. *Journal of Mathematical Physics*, 19(12):2437–2440, December 1978. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2437_s1.

Sandberg:1978:TSH

[1521] Vernon D. Sandberg. Tensor spherical harmonics on S^2 and S^3 as eigenvalue problems. *Journal of Mathematical Physics*, 19(12):2441–2446, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2441_s1.

dInverno:1978:CTS

[1522] R. A. d'Inverno and John Stachel. Conformal two-structure as the gravitational degrees of freedom in general relativity. *Journal of Mathematical Physics*, 19(12):2447–2460, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2447_s1.

Incoul:1978:ELS

[1523] R. Incoul. Effective Lagrangian in spontaneously broken gauge theories. *Journal of Mathematical Physics*, 19(12):2461–2468, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2461_s1.

Schlup:1978:RJE

[1524] W. A. Schlup. The retarded Josephson equation. *Journal of Mathematical Physics*, 19(12):2469–2475, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2469_s1.

Berryman:1978:ESP

[1525] James G. Berryman and Charles J. Holland. Evolution of a stable profile for a class of nonlinear diffusion equations. II. *Journal of Mathematical Physics*, 19(12):2476–2480, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2476_s1.

Banerjee:1978:ESS

[1526] S. N. Banerjee and S. N. Chakravorty. On the exact scattering solution of the Schrödinger and Dirac equations with a short range potential. *Journal of Mathematical Physics*, 19(12):2481–2484, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2481_s1.

Sud:1978:ACL

[1527] A. R. Sud and K. K. Sud. Analytic continuations of the Lauricella function. *Journal of Mathematical Physics*, 19(12):2485–2490, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2485_s1`.

Maciejko:1978:YME

[1528] R. Maciejko. Yang–Mills equations in Maxwell form. *Journal of Mathematical Physics*, 19(12):2491–2493, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2491_s1`.

Moreau:1978:NEP

[1529] M. Moreau. Note on the entropy production in a discrete Markov system. *Journal of Mathematical Physics*, 19(12):2494–2498, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2494_s1`.

Pao:1978:CNT

[1530] C. V. Pao. Criticality of neutron transport in a slab with finite reflectors. *Journal of Mathematical Physics*, 19(12):2499–2505, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2499_s1`.

Shukla:1978:ESI

[1531] P. K. Shukla and M. Y. Yu. Exact solitary ion acoustic waves in a magnetoplasma. *Journal of Mathematical Physics*, 19(12):2506–2508, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2506_s1`.

Handelman:1978:GED

[1532] Michael Handelman. A generalized eigenvalue distribution. *Journal of Mathematical Physics*, 19(12):2509–2513, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2509_s1`.

Tuong:1978:EDT

[1533] Ton That Tuong. Explicit decomposition of tensor products of certain analytic representations of symplectic groups. *Journal of Mathematical*

Physics, 19(12):2514–2519, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2514_s1.

Bracken:1978:PFQ

[1534] A. J. Bracken. The point form of quantum dynamics and a 4-vector coordinate operator for a spinless particle. *Journal of Mathematical Physics*, 19(12):2520–2527, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2520_s1.

Brihaye:1978:PSD

[1535] Y. Brihaye, D. B. Fairlie, J. Nuyts, and R. G. Yates. Properties of the self-dual equations for an SU(n) gauge theory. *Journal of Mathematical Physics*, 19(12):2528–2532, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2528_s1.

Besieris:1978:BPF

[1536] Ioannis M. Besieris. Beam propagation in focusing media with random-axis misalignments: Second- and higher-order moments. *Journal of Mathematical Physics*, 19(12):2533–2545, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2533_s1.

Ekong:1978:SRA

[1537] Samuel D. Ekong. Some results on automorphisms of affine algebraic groups. *Journal of Mathematical Physics*, 19(12):2546–2554, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2546_s1.

Bose:1978:GCA

[1538] S. K. Bose and D. N. Tripathy. The general coupled anharmonic oscillators and the coherent state representation. *Journal of Mathematical Physics*, 19(12):2555–2557, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2555_s1.

Bayman:1978:GSH

[1539] B. F. Bayman. A generalization of the spherical harmonic gradient formula. *Journal of Mathematical Physics*, 19(12):2558–2562, December

1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2558_s1.

Sengupta:1978:ANS

[1540] A. Sengupta and H. Karnick. Analysis of the neutron slowing down equation. *Journal of Mathematical Physics*, 19(12):2563–2569, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2563_s1.

Anderson:1978:SDF

[1541] I. M. Anderson. On the structure of divergence-free tensors. *Journal of Mathematical Physics*, 19(12):2570–2575, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2570_s1.

Twersky:1978:CCD

[1542] Victor Twersky. Constraint on the compound depolarization factor of aligned ellipsoids. *Journal of Mathematical Physics*, 19(12):2576–2578, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2576_s1.

Bender:1978:AGC

[1543] Carl M. Bender and William E. Caswell. Asymptotic graph counting techniques in Ψ^{2N} field theory. *Journal of Mathematical Physics*, 19 (12):2579–2586, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2579_s1.

Lax:1978:ASM

[1544] M. Lax. Analytic solution of a model pulse propagation problem. *Journal of Mathematical Physics*, 19(12):2587–2590, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2587_s1.

Gibbs:1978:TEA

[1545] Alan G. Gibbs and Richard Seto. The transport equation with anisotropic scattering in finite slab geometry. *Journal of Mathematical Physics*, 19(12):2591–2604, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2591_s1.

Girardeau:1978:SQR

[1546] M. D. Girardeau. Second-quantization representation for a nonrelativistic system of composite particles. II. Kinematical properties of the multispecies Tani transformation. *Journal of Mathematical Physics*, 19 (12):2605–2613, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2605_s1.

Anandan:1978:PBY

[1547] J. Anandan and R. Roskies. Polynomial basis for Yang–Mills invariants. *Journal of Mathematical Physics*, 19(12):2614–2618, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2614_s1.

Siewert:1978:NAI

[1548] C. E. Siewert. A new approach to the inverse problem. *Journal of Mathematical Physics*, 19(12):2619–2621, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2619_s1.

Yang:1978:MH

[1549] Chen Ning Yang. SU_2 monopole harmonics. *Journal of Mathematical Physics*, 19(12):2622–2627, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2622_s1.

Cazzola:1978:NSA

[1550] P. Cazzola and L. Lucaroni. Neutron stars: Analytical continuation of the ingoing gravitational wave amplitudes and asymptotic eigenfrequencies distribution for even modes. *Journal of Mathematical Physics*, 19 (12):2628–2633, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2628_s1.

Rao:1978:SSI

[1551] A. N. V. Rao, R. A. Tourgee, and C. P. Tsokos. Stochastic systems and integral inequalities. *Journal of Mathematical Physics*, 19(12):2634–2640, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2634_s1.

Kanal:1978:DIPb

[1552] Madhoo Kanal and Harry E. Moses. Direct-inverse problems in transport theory, the inverse albedo problem for a finite medium. *Journal of Mathematical Physics*, 19(12):2641–2645, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2641_s1`.

Saraswati:1978:STRa

[1553] Dipak K. Saraswati and H. Primas. A system theoretic representation of mechanical systems. I. Decomposition of a mechanical system into a hierarchy of orthogonal stationary linear dynamical systems. *Journal of Mathematical Physics*, 19(12):2646–2654, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2646_s1`.

Saraswati:1978:STRb

[1554] Dipak K. Saraswati and H. Primas. A system theoretic representation of mechanical systems. II. Stochastic interpretation. *Journal of Mathematical Physics*, 19(12):2655–2658, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2655_s1`.

Lucquiaud:1978:RBE

[1555] J. C. Lucquiaud. On the relativistic Boltzmann equation. *Journal of Mathematical Physics*, 19(12):2659–2665, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2659_s1`.

Schindler:1978:ACG

[1556] Susan Schindler and R. Mirman. Addendum: "The Clebsch–Gordan coefficients of S_n". *Journal of Mathematical Physics*, 19(12):2665, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2665_s1`. See [1002].

Kornacker:1978:EDF

[1557] Karl Kornacker. Erratum: "Discrete finite nilpotent Lie analogs: new models for unified gauge field theory", [J. Math. Phys. **19** (1978), no. 7, 1584–1586; MR **58** #14473]. *Journal of Mathematical Physics*, 19(12): 2666, December 1978. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v19/i12/p2666_s1`. See [1380].

Dyer:1979:GHK

[1558] C. C. Dyer and E. Honig. Geometry of homothetic Killing trajectories and stationary limit surfaces. *Journal of Mathematical Physics*, 20(1): 1–5, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p1_s1`.

Zorbas:1979:IM

[1559] John Zorbas. The ionization T matrix. *Journal of Mathematical Physics*, 20(1):6–10, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p6_s1`.

Sakmar:1979:ADL

[1560] I. A. Sakmar. An angle-dependent lower bound on the solution of the elastic unitarity integral and a new uniqueness condition resulting from it. *Journal of Mathematical Physics*, 20(1):11–12, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p11_s1`.

Poenaru:1979:TSG

[1561] V. Poénaru and G. Toulouse. Topological solitons and graded Lie algebras. *Journal of Mathematical Physics*, 20(1):13–19, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p13_s1`.

Nouri-Moghadam:1979:AAC

[1562] M. Nouri-Moghadam and Tetz Yoshimura. Application of Altman's contractor techniques to nonlinear integral equations for Green's functions of augmented quantum field theory. *Journal of Mathematical Physics*, 20(1):20–22, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p20_s1`.

Reddy:1979:SSS

[1563] D. R. K. Reddy. Spherically symmetric static conformally flat solutions in Brans–Dicke and Sen–Dunn theories of gravitation. *Journal of Mathematical Physics*, 20(1):23–24, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p23_s1`.

Martin:1979:SMA

[1564] J. Martin and J. L. Sanz. Slow motion approximation in predictive relativistic mechanics. II. A noninteraction theorem for interactions derived from the classical field theory. *Journal of Mathematical Physics*, 20(1): 25–34, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p25_s1.

Castanos:1979:GTI

[1565] O. Castaños, E. Chacón, A. Frank, and M. Moshinsky. Group theory of the interacting boson model of the nucleus. *Journal of Mathematical Physics*, 20(1):35–44, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p35_s1.

Wodkiewicz:1979:ESS

[1566] K. Wódkiewicz. Exact solutions of some multiplicative stochastic processes. *Journal of Mathematical Physics*, 20(1):45–48, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p45_s1. See [1939].

Horvathy:1979:VFS

[1567] P. Horváthy. Variational formalism for spinning particles. *Journal of Mathematical Physics*, 20(1):49–52, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p49_s1.

Weston:1979:NAI

[1568] V. H. Weston. Nonlinear approach to inverse scattering. *Journal of Mathematical Physics*, 20(1):53–59, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p53_s1.

Adler:1979:CIS

[1569] M. Adler. Completely integrable systems and symplectic actions. *Journal of Mathematical Physics*, 20(1):60–67, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p60_s1.

Lloyd-Evans:1979:FQB

[1570] D. J. R. Lloyd-Evans. Formal quark binding and geometric strings. *Journal of Mathematical Physics*, 20(1):68–73, January 1979. CODEN JMA-

PAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p68_s1.

Desmier:1979:PTD

[1571] P. E. Desmier and R. T. Sharp. Polynomial tensors for double point groups. *Journal of Mathematical Physics*, 20(1):74–82, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p74_s1.

Floyd:1979:HOM

[1572] Edward R. Floyd. Higher order modified potentials for the effective phase integral approximation. *Journal of Mathematical Physics*, 20(1):83–85, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p83_s1. See comments [1952].

Leach:1979:NTT

[1573] P. G. L. Leach. On nonlinear transformations for time-dependent polynomial Hamiltonians. *Journal of Mathematical Physics*, 20(1):86–95, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p86_s1.

Leach:1979:TIT

[1574] P. G. L. Leach. Towards an invariant for the time-dependent anharmonic oscillator. *Journal of Mathematical Physics*, 20(1):96–100, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p96_s1.

Arrowsmith:1979:PTM

[1575] D. K. Arrowsmith. Percolation theory on multirooted directed graphs. *Journal of Mathematical Physics*, 20(1):101–103, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p101_s1.

Hirondel:1979:PRM

[1576] D. Hirondel. Predictive relativistic mechanics. *Journal of Mathematical Physics*, 20(1):104–113, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p104_s1.

Hudson:1979:CFT

[1577] R. L. Hudson and S. N. Peck. Canonical Fourier transforms. *Journal of Mathematical Physics*, 20(1):114–119, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p114_s1`.

Halil:1979:CPG

[1578] Mustafa Halil. Colliding plane gravitational waves. *Journal of Mathematical Physics*, 20(1):120–125, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p120_s1`.

Cruz:1979:CDE

[1579] A. Cruz and J. Sesma. Convergence of the Debye expansion for the S matrix. *Journal of Mathematical Physics*, 20(1):126–131, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p126_s1`.

Snellman:1979:RSM

[1580] Håkan Snellman and Göran Tengstrand. Relativistic scattering of model particles. *Journal of Mathematical Physics*, 20(1):132–140, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p132_s1`.

Garibotti:1979:SPW

[1581] C. R. Garibotti and F. F. Grinstein. Summation of partial wave expansions in the scattering by long range potentials. II. Numerical applications. *Journal of Mathematical Physics*, 20(1):141–147, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p141_s1`.

Epifanio:1979:MRC

[1582] G. Epifanio and C. Trapani. On the matrix representation of closed linear operators: an extension of von Neumann's theory. *Journal of Mathematical Physics*, 20(1):148–152, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i1/p148_s1`.

So:1979:WC

[1583] S. I. So and D. Strottman. Wigner coefficients for SU(6) $\supseteq$ SU(3)$\otimes$SU(2). *Journal of Mathematical Physics*, 20(1):153–176, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p153_s1.

Anile:1979:FGO

[1584] A. M. Anile and P. Pantano. Foundation of geometrical optics in general relativistic dispersive media. *Journal of Mathematical Physics*, 20(1):177–183, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p177_s1.

Miyazaki:1979:EOS

[1585] Eizo Miyazaki. Exact occupation statistics of two- and three-dimensional lattices of mixed single particles. *Journal of Mathematical Physics*, 20(1):184–187, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p184_s1.

Strinati:1979:MWP

[1586] G. Strinati. Multipole wavefunctions for photoelectrons in crystals. IV. The irregular functions and the matching to an impurity. *Journal of Mathematical Physics*, 20(1):188–194, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p188_s1.

Herrera:1979:NFA

[1587] L. Herrera and J. Jiménez. Neutrino fields in axially and reflection symmetric space–times. *Journal of Mathematical Physics*, 20(1):195–198, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p195_s1.

Cornille:1979:SGN

[1588] Henri Cornille. Solutions of the generalized nonlinear Schrödinger equation in two spatial dimensions. *Journal of Mathematical Physics*, 20(1):199–209, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p199_s1.

Campanino:1979:IFE

[1589] M. Campanino and G. Del Grosso. Independence of the free energy for one-dimensional systems of fermions. *Journal of Mathematical Physics*, 20(1):210–215, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p210_s1.

McCormick:1979:AIP

[1590] N. J. McCormick and J. A. R. Veeder. Addendum: "On the inverse problem of transport theory with azimuthal dependence [J. Math. Phys. **19**, 994 (1978)]". *Journal of Mathematical Physics*, 20(1):216, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p216_s1. See [1290].

Jang:1979:EPE

[1591] Pong Soo Jang. Erratum: "On the positivity of energy in general relativity", (J. Math. Phys. **19** (1978), no. 5, 1152–1155). *Journal of Mathematical Physics*, 20(1):217, January 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i1/p217_s1. See [1315].

MartinezAlonso:1979:GTF

[1592] L. Martínez Alonso. Group-theoretical foundations of classical and quantum mechanics. II. Elementary systems. *Journal of Mathematical Physics*, 20(2):219–230, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p219_s1.

Petry:1979:ESS

[1593] Herbert Rainer Petry. Exotic spinors in superconductivity. *Journal of Mathematical Physics*, 20(2):231–240, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p231_s1.

Perez:1979:EPP

[1594] R. B. Perez. On the expansion of the propagator in power series of the coupling constant. *Journal of Mathematical Physics*, 20(2):241–244, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p241_s1.

Raychaudhuri:1979:CFS

[1595] A. K. Raychaudhuri and S. R. Maiti. Conformal flatness and the Schwarzschild interior solution. *Journal of Mathematical Physics*, 20 (2):245–246, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p245_s1.

Wong:1979:IOT

[1596] M. K. F. Wong and Hsin Yang Yeh. Invariant operators of IU(n) and IO(n) and their eigenvalues. *Journal of Mathematical Physics*, 20(2):247–250, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p247_s1.

Harvey:1979:ABM

[1597] Alex Harvey. Automorphisms of the Bianchi model Lie groups. *Journal of Mathematical Physics*, 20(2):251–253, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p251_s1.

Chen:1979:PSP

[1598] M. Chen. Perturbative solution of the Percus–Yevick integral equation for a general class of intermolecular potential. *Journal of Mathematical Physics*, 20(2):254–259, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p254_s1.

Anandan:1979:CGF

[1599] J. Anandan. Classification of gauge fields. *Journal of Mathematical Physics*, 20(2):260–268, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p260_s1.

Horwitz:1979:EGG

[1600] L. P. Horwitz and L. C. Biedenharn. Exceptional gauge groups and quantum theory. *Journal of Mathematical Physics*, 20(2):269–298, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i2/p269_s1.

Geronimo:1979:STP

[1601] J. S. Geronimo and K. M. Case. Scattering theory and polynomials orthogonal on the unit circle. *Journal of Mathematical Physics*, 20(2):299–

310, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i2/p299_s1`.

Dudley:1979:CPW

[1602] Alan L. Dudley and J. D. Finley III. Covariant perturbed wave equations in arbitrary type-D backgrounds. *Journal of Mathematical Physics*, 20(2):311–328, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i2/p311_s1`.

Hoenders:1979:CNM

[1603] B. J. Hoenders. On the completeness of the natural modes for quantum mechanical potential scattering. *Journal of Mathematical Physics*, 20(2):329–335, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i2/p329_s1`.

Peck:1979:CSS

[1604] S. N. Peck. Canonical Schwartz spaces and generalized operators. *Journal of Mathematical Physics*, 20(2):336–343, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i2/p336_s1`.

Morgan:1979:EAB

[1605] John D. Morgan III. Erratum: “The asymptotic behavior of bound eigenfunctions of Hamiltonians for single variable systems”, [J. Math. Phys. **19**, 1658 (1978)]. *Journal of Mathematical Physics*, 20(2):344, February 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i2/p344_s1`. See [1395].

Davies:1979:PBI

[1606] E. B. Davies. Particle-boson interactions and the weak coupling limit. *Journal of Mathematical Physics*, 20(3):345–351, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p345_s1`.

Reichl:1979:MTSa

[1607] L. E. Reichl. Microscopic theory of superfluid Fermi systems. I. Binary expansion. *Journal of Mathematical Physics*, 20(3):352–360, March

1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p352_s1.

Reichl:1979:MTSb

[1608] L. E. Reichl. Microscopic theory of superfluid Fermi systems. II. Application to low density hard sphere system. *Journal of Mathematical Physics*, 20(3):361–366, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p361_s1.

Bednar:1979:CCF

[1609] Miroslav Bednář and Vladimír F. Šachl. Classification and construction of finite-dimensional irreducible representations of the graded algebras; application to the (Sp($2n$); $2n$) algebra. *Journal of Mathematical Physics*, 20(3):367–371, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p367_s1.

Talukdar:1979:ESRa

[1610] B. Talukdar, U. Das, and S. Mukhopadhyaya. Off-energy-shell results for scattering by a nonlocal potential. I. *Journal of Mathematical Physics*, 20(3):372–377, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p372_s1.

Talukdar:1979:ESRb

[1611] B. Talukdar, U. Das, N. Mallick, and M. Sen Gupta. Off-energy-shell results for scattering by a nonlocal potential. II. *Journal of Mathematical Physics*, 20(3):378–381, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p378_s1.

Mitchell:1979:LAA

[1612] Thomas P. Mitchell. Lie algebras associated with motion in axisymmetric electromagnetic fields. *Journal of Mathematical Physics*, 20(3):382–384, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p382_s1.

Christensen:1979:ETO

[1613] Mark J. Christensen. Extension theorems for operator-valued measures. *Journal of Mathematical Physics*, 20(3):385–389, March 1979. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p385_s1.

Jagannathan:1979:RPB

[1614] R. Jagannathan and R. Vasudevan. Representations of a para-Bose algebra using only a single Bose field. *Journal of Mathematical Physics*, 20(3): 390–392, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p390_s1. See erratum [1889].

Sage:1979:CCC

[1615] Martin L. Sage and Kameshwar C. Wali. Computation of a class of $3j$-coefficients. *Journal of Mathematical Physics*, 20(3):393–395, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p393_s1.

Bosanac:1979:SPE

[1616] S. Bosanac. Semiclassical perturbation expansion of the multichannel scattering matrix. *Journal of Mathematical Physics*, 20(3):396–405, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p396_s1.

Tikochinsky:1979:DGQ

[1617] Yoel Tikochinsky. On the diagonalization of the general quadratic Hamiltonian for coupled harmonic oscillators. *Journal of Mathematical Physics*, 20(3):406–408, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p406_s1.

Dyer:1979:CKH

[1618] C. C. Dyer and E. Honig. Conformal Killing horizons. *Journal of Mathematical Physics*, 20(3):409–412, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p409_s1.

Lewis:1979:LAI

[1619] H. Ralph Lewis and Keith R. Symon. Linearized analysis of inhomogeneous plasma equilibria: General theory. *Journal of Mathematical Physics*, 20(3):413–436, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p413_s1. See errata [1890, 1940].

Abellanas:1979:IEA

[1620] L. Abellanas and L. Martínez Alonso. Invariants in enveloping algebras under the action of Lie algebras of derivations. *Journal of Mathematical Physics*, 20(3):437–440, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p437_s1.

Rosen:1979:CHF

[1621] Gerald Rosen, Oleg Jakubowicz, and Vahe Tatoian. Constrained Hamiltonian formulation for interacting fields: Stable particlelike solutions. *Journal of Mathematical Physics*, 20(3):441–442, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p441_s1.

Arms:1979:LSG

[1622] Judith M. Arms. Linearization stability of gravitational and gauge fields. *Journal of Mathematical Physics*, 20(3):443–453, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p443_s1.

Glassey:1979:CLC

[1623] R. T. Glassey and W. A. Strauss. Conservation laws for the classical Maxwell–Dirac and Klein–Gordon–Dirac equations. *Journal of Mathematical Physics*, 20(3):454–458, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p454_s1.

Smallwood:1979:CPG

[1624] J. Smallwood. The Cauchy problem in general relativity. III. On locally imbedding a family of null hypersurfaces. *Journal of Mathematical Physics*, 20(3):459–464, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p459_s1.

Rowe:1979:GDK

[1625] D. J. Rowe and G. Rosensteel. Geometric derivation of the kinetic energy in collective models. *Journal of Mathematical Physics*, 20(3):465–468, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p465_s1.

delaPena:1979:QHO

[1626] L. de la Peña and A. M. Cetto. The quantum harmonic oscillator revisited: a new look from stochastic electrodynamics. *Journal of Mathematical Physics*, 20(3):469–483, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p469_s1`.

Geronimo:1979:STH

[1627] J. S. Geronimo. Szegő's theorem for Hankel determinants. *Journal of Mathematical Physics*, 20(3):484–491, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p484_s1`.

Basu:1979:MAF

[1628] Debabrata Basu and S. Datta Majumdar. The master analytic function and the Lorentz group. III. Coupling of continuous representations of O(2, 1). *Journal of Mathematical Physics*, 20(3):492–498, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p492_s1`.

Langguth:1979:RHP

[1629] Wolfgang Langguth and Akira Inomata. Remarks on the Hamiltonian path integral in polar coordinates. *Journal of Mathematical Physics*, 20(3):499–504, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p499_s1`.

Akyeampong:1979:THH

[1630] D. A. Akyeampong. Tensor harmonics in the helicity basis. *Journal of Mathematical Physics*, 20(3):505–508, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p505_s1`.

Bertero:1979:POR

[1631] M. Bertero, C. De Mol, and G. A. Viano. On the problems of object restoration and image extrapolation in optics. *Journal of Mathematical Physics*, 20(3):509–521, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i3/p509_s1`.

Aldersley:1979:HEO

[1632] S. J. Aldersley. Higher Euler operators and some of their applications. *Journal of Mathematical Physics*, 20(3):522–531, March 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i3/p522_s1. See erratum [1935].

Barnsley:1979:DMP

[1633] M. Barnsley, D. Bessis, and P. Moussa. The Diophantine moment problem and the analytic structure in the activity of the ferromagnetic Ising model. *Journal of Mathematical Physics*, 20(4):535–546, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p535_s1.

Cornwell:1979:DDL

[1634] J. F. Cornwell. Direct determination of the Langlands decompositions for the parabolic subalgebras of noncompact semisimple real Lie algebras. *Journal of Mathematical Physics*, 20(4):547–555, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p547_s1.

Arnal:1979:GTC

[1635] Didier Arnal and Jean-Claude Cortet. Geometrical theory of contractions of groups and representations. *Journal of Mathematical Physics*, 20(4):556–563, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p556_s1.

Lewis:1979:FLV

[1636] H. Ralph Lewis and Leaf Turner. Formulation of the linearized Vlasov-fluid model for a sharp-boundary screw pinch. *Journal of Mathematical Physics*, 20(4):564–571, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p564_s1.

Klein:1979:SQN

[1637] Abraham Klein and Ching teh Li. Semiclassical quantization of nonseparable systems. *Journal of Mathematical Physics*, 20(4):572–578, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p572_s1.

Moncrief:1979:GDC

[1638] Vincent Moncrief. Gribov degeneracies: Coulomb gauge conditions and initial value constraints. *Journal of Mathematical Physics*, 20(4):579–585, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p579_s1.

Okubo:1979:QTI

[1639] Susumu Okubo. Quartic trace identity for exceptional Lie algebras. *Journal of Mathematical Physics*, 20(4):586–593, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p586_s1.

Ben-Artzi:1979:SST

[1640] Matania Ben-Artzi and Allen Devinatz. Spectral and scattering theory for the adiabatic oscillator and related potentials. *Journal of Mathematical Physics*, 20(4):594–607, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p594_s1. See erratum [1948].

Bowden:1979:NIC

[1641] R. L. Bowden. A note on the iteration of the Chandrasekhar nonlinear H-equation. *Journal of Mathematical Physics*, 20(4):608–610, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p608_s1.

Combe:1979:QSS

[1642] Ph. Combe, R. Rodriguez, M. Sirugue-Collin, and M. Sirugue. On the quantization of spin systems and Fermi systems. *Journal of Mathematical Physics*, 20(4):611–616, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p611_s1.

Furutsu:1979:ATP

[1643] K. Furutsu. An analytical theory of pulse wave propagation in turbulent media. *Journal of Mathematical Physics*, 20(4):617–628, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p617_s1.

Wong:1979:LRO

[1644] M. K. F. Wong and Hsin Yang Yeh. Lowering and raising operators of IU(n) and IO(n) and their normalization constants. *Journal of Mathematical Physics*, 20(4):629–633, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p629_s1`.

Gordon:1979:QPE

[1645] Paul Gordon. Quasisteady primitive equations with associated upper boundary conditions. *Journal of Mathematical Physics*, 20(4):634–658, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p634_s1`.

Dirl:1979:CGCa

[1646] R. Dirl. Clebsch–Gordan coefficients: General theory. *Journal of Mathematical Physics*, 20(4):659–663, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p659_s1`.

Dirl:1979:MSG

[1647] R. Dirl. Multiplicities for space group representations. *Journal of Mathematical Physics*, 20(4):664–670, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p664_s1`.

Dirl:1979:CGCb

[1648] R. Dirl. Clebsch–Gordan coefficients for space groups. *Journal of Mathematical Physics*, 20(4):671–678, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p671_s1`.

Dirl:1979:CGCc

[1649] R. Dirl. Clebsch–Gordan coefficients for $Pn3n$. *Journal of Mathematical Physics*, 20(4):679–684, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i4/p679_s1`.

Graffi:1979:ROD

[1650] S. Graffi, V. Grecchi, S. Levoni, and M. Maioli. Resonances in one-dimensional Stark effect and continued fractions. *Journal of Mathematical Physics*, 20(4):685–690, April 1979. CODEN JMAPAQ. ISSN 0022-

2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p685_s1.

Maekawa:1979:LRD

[1651] Takayoshi Maekawa. Linear representations of any dimensional Lorentz group and computation formulas for their matrix elements. *Journal of Mathematical Physics*, 20(4):691–711, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p691_s1.

Scheunert:1979:GLA

[1652] M. Scheunert. Generalized Lie algebras. *Journal of Mathematical Physics*, 20(4):712–720, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p712_s1.

Symes:1979:RAG

[1653] W. Symes. Relations among generalized Korteweg–de Vries systems. *Journal of Mathematical Physics*, 20(4):721–725, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p721_s1.

Horndeski:1979:NEF

[1654] Gregory Walter Horndeski. Null electromagnetic fields in the generalized Einstein–Maxwell field theory. *Journal of Mathematical Physics*, 20(4):726–732, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p726_s1.

Pule:1979:CLQ

[1655] J. V. Pulè and A. Verbeure. The classical limit of quantum dissipative generators. *Journal of Mathematical Physics*, 20(4):733–735, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p733_s1.

Darewych:1979:FOE

[1656] J. W. Darewych and J. Sokoloff. First order estimates of the error in approximate calculations of scattering phase shifts. *Journal of Mathematical Physics*, 20(4):736–739, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p736_s1.

Das:1979:SEM

[1657] A. Das. On the static Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 20(4):740–743, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p740_s1.

Rosenbaum:1979:STH

[1658] Marcos Rosenbaum, Michael P. Ryan, Jr., and L. C. Shepley. Space–time homogeneous models with torsion. *Journal of Mathematical Physics*, 20(4):744–751, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p744_s1.

Choudhury:1979:SPMa

[1659] M. H. Choudhury and D. B. Pearson. The spectral properties of many-electron atomic Hamiltonians and the method of configuration interaction. I. Proof of convergence of the configuration interaction method. *Journal of Mathematical Physics*, 20(4):752–756, April 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i4/p752_s1.

Davidson:1979:CPM

[1660] A. Davidson. Covariant n^2-plet mass formulas. *Journal of Mathematical Physics*, 20(5):757–761, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p757_s1.

Greenberger:1979:CMA

[1661] Daniel M. Greenberger. A critique of the major approaches to damping in quantum theory. *Journal of Mathematical Physics*, 20(5):762–770, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p762_s1.

Greenberger:1979:NAP

[1662] Daniel M. Greenberger. A new approach to the problem of dissipation in quantum mechanics. *Journal of Mathematical Physics*, 20(5):771–780, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p771_s1.

Rochus:1979:UBM

[1663] Pierre Rochus. Upper bounds for the many-channel Marchenko transformation operator and its derivatives. *Journal of Mathematical Physics*, 20(5):781–792, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p781_s1.

Ashtekar:1979:CQG

[1664] Abhay Ashtekar and Anne Magnon-Ashtekar. On conserved quantities in general relativity. *Journal of Mathematical Physics*, 20(5):793–800, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p793_s1.

Miller:1979:TPC

[1665] David E. Miller. Thermodynamical properties of a class of solvable statistical models for hadronic matter. *Journal of Mathematical Physics*, 20(5):801–809, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p801_s1.

Carey:1979:AAQ

[1666] A. L. Carey and C. A. Hurst. Applications of an algebraic quantization of the electromagnetic field. *Journal of Mathematical Physics*, 20(5):810–819, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p810_s1.

Lemire:1979:FAC

[1667] F. Lemire and J. Patera. Formal analytic continuation of Gel′fand's finite-dimensional representations of gl(n, $\mathbf{C}$). *Journal of Mathematical Physics*, 20(5):820–829, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p820_s1.

Marchesin:1979:SLF

[1668] Dan Marchesin. The scaling limit of the φ^2 field in the anharmonic oscillator. *Journal of Mathematical Physics*, 20(5):830–836, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p830_s1.

Gonzalez:1979:RKN

[1669] C. González, L. Herrera, and J. Jiménez. Radiating Kerr–Newman metric. *Journal of Mathematical Physics*, 20(5):837–843, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p837_s1.

Mizrahi:1979:SEA

[1670] Maurice M. Mizrahi. The semiclassical expansion of the anharmonic-oscillator propagator. *Journal of Mathematical Physics*, 20(5):844–855, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p844_s1.

Marmo:1979:GSR

[1671] G. Marmo, E. J. Saletan, and A. Simoni. A general setting for reduction of dynamical systems. *Journal of Mathematical Physics*, 20(5):856–860, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p856_s1.

vanHaeringen:1979:ISE

[1672] H. van Haeringen. On an inhomogeneous Schrödinger equation and its solutions in scattering theory. *Journal of Mathematical Physics*, 20(5):861–867, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p861_s1.

Miglietta:1979:EQP

[1673] Francesco Miglietta. Electromagnetic quadripotential for the pure-radiation field generated by a classical charged point-particle. *Journal of Mathematical Physics*, 20(5):868–870, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p868_s1.

Maison:1979:CIS

[1674] Dieter Maison. On the complete integrability of the stationary, axially symmetric Einstein equations. *Journal of Mathematical Physics*, 20(5):871–877, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p871_s1.

Malo:1979:ASL

[1675] Otieno Malo. An attempt to separate the long and short range forces by Gaussian method. *Journal of Mathematical Physics*, 20(5):878–886, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p878_s1.

Das:1979:WSM

[1676] U. Das, S. Chakravarty, and B. Talukdar. S-wave off-shell T and K matrices for the Yukawa potential by Ecker–Weizel approximations. *Journal of Mathematical Physics*, 20(5):887–890, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p887_s1.

Gilmore:1979:CLQ

[1677] R. Gilmore. The classical limit of quantum nonspin systems. *Journal of Mathematical Physics*, 20(5):891–893, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p891_s1.

Dashen:1979:PIW

[1678] Roger Dashen. Path integrals for waves in random media. *Journal of Mathematical Physics*, 20(5):894–920, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p894_s1.

Mallett:1979:HMI

[1679] Ronald L. Mallett. Higgs mechanism and the inverse Einstein–Infeld–Hoffman problem. *Journal of Mathematical Physics*, 20(5):921–922, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p921_s1.

Oliveira:1979:ZAG

[1680] Colber G. Oliveira and Marcos D. Maia. Zorn algebra in general relativity. *Journal of Mathematical Physics*, 20(5):923–930, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p923_s1.

Harnad:1979:YMS

[1681] J. Harnad, S. Shnider, and Luc Vinet. The Yang–Mills system in compactified Minkowski space; invariance conditions and SU(2) invariant solutions. *Journal of Mathematical Physics*, 20(5):931–942, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p931_s1.

Choudhury:1979:SPMb

[1682] M. H. Choudhury. The spectral properties of many-electron atomic Hamiltonians and the method of configuration interaction. II. Compactness proof associated with an infinite system of linear equations for two-electron atoms. *Journal of Mathematical Physics*, 20(5):943–952, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p943_s1.

Montesinos:1979:GSF

[1683] Angel Montesinos. Geometry of spacetime founded on spacelike metric. *Journal of Mathematical Physics*, 20(5):953–965, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p953_s1.

Ringhofer:1979:KPR

[1684] Klaus Ringhofer. Koornwinder's polynomials and representations of the conformal group. *Journal of Mathematical Physics*, 20(5):966–971, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p966_s1.

Case:1979:PBO

[1685] K. M. Case. Properties of the Benjamin–Ono equation. *Journal of Mathematical Physics*, 20(5):972–977, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p972_s1.

Enz:1979:EPM

[1686] U. Enz. Erratum: "A particle model based on stringlike solitons [J. Math. Phys. **19**, 1304 (1978)]". *Journal of Mathematical Physics*, 20 (5):978, May 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i5/p978_s1. See [1340].

Schwarzmeier:1979:VNE

[1687] James L. Schwarzmeier and Keith R. Symon. Variational nature of eigenvalue problems with a parameter. *Journal of Mathematical*

Physics, 20(6):979–983, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p979_s1.

Loupias:1979:EKS

[1688] G. Loupias and M. Mebkhout. Extension of KMS states and angular momentum. *Journal of Mathematical Physics*, 20(6):984–998, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p984_s1.

Ablowitz:1979:NMT

[1689] Mark J. Ablowitz, Martin Kruskal, and Harvey Segur. A note on Miura's transformation. *Journal of Mathematical Physics*, 20(6):999–1003, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p999_s1.

Plebanski:1979:SEE

[1690] Jerzy F. Plebański and Shahen Hacyan. Some exceptional electrovac type D metrics with cosmological constant. *Journal of Mathematical Physics*, 20(6):1004–1010, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1004_s1.

Doebner:1979:GPS

[1691] H. D. Doebner and J.-E. Werth. Global properties of systems quantized via bundles. *Journal of Mathematical Physics*, 20(6):1011–1014, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1011_s1.

Anderson:1979:CGC

[1692] Ronald Anderson and G. C. Joshi. SU(4) Clebsch–Gordan coefficients for the formation of baryonium and exotic baryons. *Journal of Mathematical Physics*, 20(6):1015–1029, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1015_s1.

Shenoy:1979:IIE

[1693] S. K. Shenoy and A. J. Mockel. Invariant imbedding equations in general geometries: Numerical solution in spherical geometry. *Journal of Mathematical Physics*, 20(6):1030–1040, June 1979. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1030_s1.

Hauser:1979:GEM

[1694] I. Hauser and F. J. Ernst. SU$(2,1)$ generation of electrovacs from Minkowski space. *Journal of Mathematical Physics*, 20(6):1041–1055, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1041_s1.

Wald:1979:NSS

[1695] Robert M. Wald. Note on the stability of the Schwarzschild metric. *Journal of Mathematical Physics*, 20(6):1056–1058, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1056_s1. See erratum [1938].

Osborn:1979:IBB

[1696] T. A. Osborn and D. Bollé. Integral bounds for N-body total cross sections. *Journal of Mathematical Physics*, 20(6):1059–1063, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1059_s1.

Rasmussen:1979:AAC

[1697] W. O. Rasmussen and S. Salamó. An algebraic approach to Coulomb scattering in N dimensions. *Journal of Mathematical Physics*, 20(6):1064–1067, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1064_s1.

Leon:1979:GCF

[1698] J. León, M. Quirós, and J. Ramirez Mittelbrunn. Group content of the Foldy–Wouthuysen transformation and the nonrelativistic limit for arbitrary spin. *Journal of Mathematical Physics*, 20(6):1068–1076, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1068_s1.

Daumens:1979:IGG

[1699] M. Daumens and M. Perroud. Internal Galilei group for a two-particle system. *Journal of Mathematical Physics*, 20(6):1077–1089, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1077_s1.

Federbush:1979:PCC

[1700] Paul Federbush. Positivity conditions on correlation functions that imply Debye screening. *Journal of Mathematical Physics*, 20(6):1090–1092, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1090_s1.

Lee:1979:GSS

[1701] K. C. Lee and S. E. Trullinger. Generalized susceptibility of a solitary wave. *Journal of Mathematical Physics*, 20(6):1093–1098, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1093_s1.

Bowden:1979:RIT

[1702] R. L. Bowden, William Greenberg, and P. F. Zweifel. Resolvent integration techniques for generalized transport equations. *Journal of Mathematical Physics*, 20(6):1099–1108, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1099_s1.

vanHaeringen:1979:CCL

[1703] H. van Haeringen. The Coulomb and Coulomb-like off-shell Jost functions. *Journal of Mathematical Physics*, 20(6):1109–1114, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1109_s1.

Halford:1979:PTV

[1704] W. D. Halford. Petrov type N vacuum metrics and homothetic motions. *Journal of Mathematical Physics*, 20(6):1115–1117, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1115_s1.

Fahnline:1979:CMT

[1705] Donald E. Fahnline. Circular motion for a time-asymmetric relativistic two-body problem. *Journal of Mathematical Physics*, 20(6):1118–1120, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1118_s1.

Bolle:1979:TDB

[1706] D. Bollé and T. A. Osborn. Time delay in N-body scattering. *Journal of Mathematical Physics*, 20(6):1121–1134, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1121_s1`.

Barnsley:1979:CMB

[1707] M. Barnsley and D. Bessis. Constructive methods based on analytic characterizations and their application to nonlinear elliptic and parabolic differential equations. *Journal of Mathematical Physics*, 20(6):1135–1145, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1135_s1`.

Novotny:1979:MPA

[1708] Mark A. Novotny. Matrix products with application to classical statistical mechanics. *Journal of Mathematical Physics*, 20(6):1146–1150, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1146_s1`.

Moses:1979:JSG

[1709] Harry E. Moses. Jost solutions and Green's functions for the three-dimensional Schrödinger equation. *Journal of Mathematical Physics*, 20(6):1151–1156, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1151_s1`.

Choudhury:1979:SPMc

[1710] M. H. Choudhury. The spectral properties of many-electron atomic Hamiltonians and the method of configuration interaction. III. Compactness proof associated with an infinite system of linear equations for n-electron atoms. *Journal of Mathematical Physics*, 20(6):1157–1169, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1157_s1`.

Tsang:1979:MMT

[1711] L. Tsang and J. A. Kong. Modified modal theory of transient response in layered media. *Journal of Mathematical Physics*, 20(6):1170–1182, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1170_s1`.

Greene:1979:MDS

[1712] John M. Greene. A method for determining a stochastic transition. *Journal of Mathematical Physics*, 20(6):1183–1201, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1183_s1.

Fulling:1979:AES

[1713] S. A. Fulling. Adiabatic expansions of solutions of coupled second-order linear differential equations. II. *Journal of Mathematical Physics*, 20(6):1202–1209, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1202_s1.

Romo:1979:AFR

[1714] W. J. Romo. Asymptotic forms of radial wavefunctions and Jost functions for cutoff potentials. *Journal of Mathematical Physics*, 20(6):1210–1224, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1210_s1. See erratum [1936].

Cox:1979:YAF

[1715] Dale Cox and William Kinnersley. Yet another formulation of the Einstein equations for stationary axisymmetry. *Journal of Mathematical Physics*, 20(6):1225–1228, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1225_s1.

deDormale:1979:RLM

[1716] Bernard M. de Dormale. A relativistic Lee model. *Journal of Mathematical Physics*, 20(6):1229–1231, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1229_s1.

Takahashi:1979:SSN

[1717] K. Takahashi. Soliton solutions of nonlinear Dirac equations. *Journal of Mathematical Physics*, 20(6):1232–1238, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1232_s1.

Abellanas:1979:CDN

[1718] L. Abellanas and A. Galindo. Conserved densities for nonlinear evolution equations. I. Even order case. *Journal of Mathematical Physics*, 20(6):

1239–1243, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1239_s1. See erratum [1942].

Bergere:1979:IRD

[1719] M. C. Bergère and F. David. Integral representation for the dimensionally regularized massive Feynman amplitude. *Journal of Mathematical Physics*, 20(6):1244–1255, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1244_s1.

Galindo:1979:ACE

[1720] A. Galindo. An algorithm to construct evolution equations with a given set of conserved densities. *Journal of Mathematical Physics*, 20(6):1256–1259, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1256_s1.

Nwachuku:1979:NEE

[1721] C. O. Nwachuku. New expressions for the eigenvalues of the invariant operators of $O(N)$ and $Sp(2n)$. *Journal of Mathematical Physics*, 20(6):1260–1266, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1260_s1.

Gielerak:1979:MEB

[1722] Roman Gielerak. Mayer equations for Bose field theoretical models. *Journal of Mathematical Physics*, 20(6):1267–1273, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1267_s1.

Folland:1979:FIS

[1723] N. O. Folland. Factored irreducible symmetry operators and space groups. *Journal of Mathematical Physics*, 20(6):1274–1280, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1274_s1.

Flaherty:1979:ILG

[1724] Francis J. Flaherty and G. David Kerlick. Inhomogeneous local gauge transformations in spacetimes with torsion. *Journal of Mathematical*

Physics, 20(6):1281–1284, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1281_s1`.

Ibanez:1979:TBG

[1725] J. Ibañez and J. L. Sanz. Two-body gravidynamics. *Journal of Mathematical Physics*, 20(6):1285–1295, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1285_s1`.

Sarlet:1979:AIC

[1726] Willy Sarlet. Addendum: "Invariance and conservation laws for Lagrangian systems with one degree of freedom [J. Math. Phys. **19**, 1049 (1978)]". *Journal of Mathematical Physics*, 20(6):1295, June 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i6/p1295_s1`. See [1299].

Marshall:1979:PIE

[1727] John T. Marshall and John L. Pell. Path-integral evaluation of the space–time propagator for quadratic Hamiltonian systems. *Journal of Mathematical Physics*, 20(7):1297–1302, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1297_s1`.

Reina:1979:ISA

[1728] Cesare Reina. Internal symmetries of the axisymmetric gravitational fields. *Journal of Mathematical Physics*, 20(7):1303–1305, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1303_s1`.

Si:1979:RFE

[1729] Do Tan Si. Resolution of Fredholm equations with kernels $K(z - z_0)$ by operational calculus. *Journal of Mathematical Physics*, 20(7):1306–1307, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1306_s1`.

Lapiedra:1979:CPEa

[1730] R. Lapiedra and A. Molina. Classical predictive electrodynamics of two charges with radiation: General framework. I. *Journal of Mathematical*

Physics, 20(7):1308–1315, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1308_s1`.

Lapiedra:1979:CPEb

[1731] R. Lapiedra, F. Marqués, and A. Molina. Classical predictive electrodynamics of two charges with radiation: Energy and 3-momentum balance and scattering cross sections. II. *Journal of Mathematical Physics*, 20(7): 1316–1320, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1316_s1`.

Larsson:1979:CRAa

[1732] J. Larsson. Current responses of all orders in a collisionless plasma. I. General theory. *Journal of Mathematical Physics*, 20(7):1321–1330, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1321_s1`.

Larsson:1979:CRAb

[1733] J. Larsson. Current responses of all orders in a collisionless plasma. II. Homogeneous plasma. *Journal of Mathematical Physics*, 20(7):1331–1335, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1331_s1`.

Emch:1979:WQN

[1734] Gérard G. Emch and Kalyan B. Sinha. Weak quantization in a nonperturbative model. *Journal of Mathematical Physics*, 20(7):1336–1340, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1336_s1`.

Kim:1979:RPG

[1735] Y. S. Kim, Marilyn E. Noz, and S. H. Oh. Representations of the Poincaré group for relativistic extended hadrons. *Journal of Mathematical Physics*, 20(7):1341–1344, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1341_s1`.

Miller:1979:BKH

[1736] J. G. Miller. Bifurcate Killing horizons. *Journal of Mathematical Physics*, 20(7):1345–1348, July 1979. CODEN JMAPAQ. ISSN 0022-

2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1345_s1.

Messer:1979:DLC

[1737] Joachim Messer. Decay of local correlations and absence of phase transitions. *Journal of Mathematical Physics*, 20(7):1349–1351, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1349_s1.

Burzlaff:1979:SAS

[1738] J. Burzlaff and D. Maison. On stationary, axially symmetric solutions of Jordan's five-dimensional, unified theory. *Journal of Mathematical Physics*, 20(7):1352–1355, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1352_s1.

Miller:1979:RAT

[1739] Bonnie D. Miller. Repulsive and attractive timelike singularities in vacuum cosmologies. *Journal of Mathematical Physics*, 20(7):1356–1361, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1356_s1.

Ashtekar:1979:AMS

[1740] Abhay Ashtekar and Michael Streubel. On angular momentum of stationary gravitating systems. *Journal of Mathematical Physics*, 20(7):1362–1365, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1362_s1.

Erdahl:1979:AGT

[1741] R. M. Erdahl, C. Garrod, B. Golli, and M. Rosina. The application of group theory to generate new representability conditions for rotationally invariant density matrices. *Journal of Mathematical Physics*, 20(7):1366–1374, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1366_s1.

Gallone:1979:SQD

[1742] Franco Gallone and Antonio Sparzani. Segal quantization of dynamical systems. *Journal of Mathematical Physics*, 20(7):1375–1384, July

1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1375_s1.

Ali:1979:SRP

[1743] S. Twareque Ali. On some representations of the Poincaré group on phase space. *Journal of Mathematical Physics*, 20(7):1385–1391, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1385_s1.

Rund:1979:RDG

[1744] Hanno Rund. Representations of the duals of gauge field tensors. *Journal of Mathematical Physics*, 20(7):1392–1397, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1392_s1.

Seznec:1979:SDS

[1745] R. Seznec and J. Zinn-Justin. Summation of divergent series by order dependent mappings: Application to the anharmonic oscillator and critical exponents in field theory. *Journal of Mathematical Physics*, 20(7):1398–1408, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1398_s1.

Murray:1979:SFD

[1746] J. C. Murray. On the sound field due to a moving source in a superfluid. *Journal of Mathematical Physics*, 20(7):1409–1412, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1409_s1. See erratum [1947].

Reddy:1979:SCF

[1747] D. R. K. Reddy. Static conformally flat solution in a scalar-tensor theory of gravitation. *Journal of Mathematical Physics*, 20(7):1413–1414, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1413_s1.

Plebanski:1979:AGH

[1748] Jerzy F. Plebański. The algebra generated by Hodge's star and external differential. *Journal of Mathematical Physics*, 20(7):1415–1422, July

1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1415_s1.

Parker:1979:DG

[1749] Phillip E. Parker. Distributional geometry. *Journal of Mathematical Physics*, 20(7):1423–1426, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1423_s1.

Barker:1979:CIC

[1750] B. M. Barker and R. F. O'Connell. Center of inertia and coordinate transformations in the post- Newtonian charged n-body problem in gravitation. *Journal of Mathematical Physics*, 20(7):1427–1434, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1427_s1.

Leung:1979:MDS

[1751] C. N. Leung and J. Rosner. Mass dependence of Schrödinger wavefunctions. *Journal of Mathematical Physics*, 20(7):1435–1438, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1435_s1.

Costen:1979:EPF

[1752] Robert C. Costen. Equations for the propagation of finite local disturbances in vector fields of physics and mechanics. *Journal of Mathematical Physics*, 20(7):1439–1445, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1439_s1.

Aurilia:1979:TSMa

[1753] A. Aurilia and D. Christodoulou. Theory of strings and membranes in an external field. I. General formulation. *Journal of Mathematical Physics*, 20(7):1446–1452, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1446_s1.

Harter:1979:AEF

[1754] William G. Harter and Chris W. Patterson. Asymptotic eigensolutions of fourth and sixth rank octahedral tensor operators. *Journal of Mathematical Physics*, 20(7):1453–1459, July 1979. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1453_s1.

Maekawa:1979:NLR

[1755] Takayoshi Maekawa. Note on the linear representations of any dimensional Lorentz group and their matrix elements. *Journal of Mathematical Physics*, 20(7):1460–1463, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1460_s1.

Doria:1979:NGP

[1756] Francisco Antonio Doria. Noncontinuous gauge potentials without magnetic monopoles. *Journal of Mathematical Physics*, 20(7):1464–1465, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1464_s1.

Darkhosh:1979:DGF

[1757] Teymour Darkhosh. Discontinuities of the Green's functions across the characteristic surfaces of field equations. *Journal of Mathematical Physics*, 20(7):1466–1472, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1466_s1.

Li:1979:CIG

[1758] Wann-Quan Li and Wei-Tou Ni. Coupled inertial and gravitational effects in the proper reference frame of an accelerated, rotating observer. *Journal of Mathematical Physics*, 20(7):1473–1480, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1473_s1.

Peters:1979:TBH

[1759] P. C. Peters. Toroidal black holes? *Journal of Mathematical Physics*, 20(7):1481–1485, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1481_s1.

Tanabe:1979:GLS

[1760] Yukio Tanabe. Generation of the Lewis solutions from the Weyl solutions. *Journal of Mathematical Physics*, 20(7):1486–1489, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1486_s1.

Bellissard:1979:RAD

[1761] J. Béllissard. A remark about the duality for non-Abelian lattice fields. *Journal of Mathematical Physics*, 20(7):1490–1493, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1490_s1.

Bandyopadhyay:1979:DDC

[1762] N. Bandyopadhyay. Dust distribution (cylindrically symmetric) in non-rigid rotation in Brans–Dicke theory. *Journal of Mathematical Physics*, 20(7):1494–1495, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1494_s1.

Satsuma:1979:TDL

[1763] J. Satsuma and M. J. Ablowitz. Two-dimensional lumps in nonlinear dispersive systems. *Journal of Mathematical Physics*, 20(7):1496–1503, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1496_s1.

McCormick:1979:TSC

[1764] N. J. McCormick. Transport scattering coefficients from reflection and transmission measurements. *Journal of Mathematical Physics*, 20(7):1504–1507, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1504_s1.

Glass:1979:SFG

[1765] E. N. Glass. Shear-free gravitational collapse. *Journal of Mathematical Physics*, 20(7):1508–1513, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1508_s1.

Rashid:1979:BME

[1766] M. A. Rashid. Boost matrix elements of the homogeneous Lorentz group. *Journal of Mathematical Physics*, 20(7):1514–1519, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1514_s1.

Dalton:1979:NNR

[1767] B. J. Dalton. New nonlinear realizations of SL(2, **C**). *Journal of Mathematical Physics*, 20(7):1520–1529, July 1979. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1520_s1.

Rose:1979:TOM

[1768] Conrad M. Rose and Ioannis M. Besieris. Nth-order multifrequency coherence functions: A functional path integral approach. *Journal of Mathematical Physics*, 20(7):1530–1538, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1530_s1.

Gunther:1979:UDD

[1769] Neil J. Günther. Unitary declension of dynamical symmetries for the time-dependent harmonic oscillator. *Journal of Mathematical Physics*, 20(7):1539–1544, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1539_s1.

Backhouse:1979:PR

[1770] N. B. Backhouse and J. W. B. Hughes. Projective representations of $\mathrm{SU}(2)_\Lambda\mathbf{R}^4$. *Journal of Mathematical Physics*, 20(7):1545–1554, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1545_s1.

Dadhich:1979:SGN

[1771] Naresh Dadhich. Spacelike geodesics in the nordström geometry. *Journal of Mathematical Physics*, 20(7):1555–1558, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1555_s1.

Chowdhury:1979:PSL

[1772] A. Roy Chowdhury and T. Roy. Prolongation structure for Langmuir solitons. *Journal of Mathematical Physics*, 20(7):1559–1561, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1559_s1.

Dirl:1979:CCG

[1773] R. Dirl. Coupling coefficients: General theory. *Journal of Mathematical Physics*, 20(7):1562–1565, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1562_s1.

Dirl:1979:CCSa

[1774] R. Dirl. Complex conjugation of space group representations. *Journal of Mathematical Physics*, 20(7):1566–1569, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1566_s1`.

Dirl:1979:CCSb

[1775] R. Dirl. Coupling coefficients for space groups. *Journal of Mathematical Physics*, 20(7):1570–1574, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1570_s1`.

Dirl:1979:CC

[1776] R. Dirl. Coupling coefficients for $Pn3n$. *Journal of Mathematical Physics*, 20(7):1575–1578, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1575_s1`.

Rudra:1979:GTA

[1777] P. Rudra and M. K. Sikdar. Group theoretical analysis of second-order phase transitions in magnetic structures. *Journal of Mathematical Physics*, 20(7):1579–1592, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1579_s1`.

Srinivas:1979:SOR

[1778] M. D. Srinivas. Successive observations in relativistic quantum theory. *Journal of Mathematical Physics*, 20(7):1593–1611, July 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i7/p1593_s1`.

CastilhoAlcaras:1979:CSC

[1779] J. A. Castilho Alcarás and L. C. Biedenharn. On the coupling of self-conjugate systems with $\overline{\mathrm{SL}(3, \mathbf{R})}$ symmetry. *Journal of Mathematical Physics*, 20(8):1615–1621, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1615_s1`. See erratum [1949].

Chatterjee:1979:CWS

[1780] R. Chatterjee and J. M. Dixon. Comment on the Wigner 9-j symbol. *Journal of Mathematical Physics*, 20(8):1622–1623, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-

2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1622_s1.

Klimyk:1979:RME

[1781] A. U. Klimyk and A. M. Gavrilik. Representation matrix elements and Clebsch–Gordan coefficients of the semisimple Lie groups. *Journal of Mathematical Physics*, 20(8):1624–1642, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1624_s1.

Strottman:1979:EWC

[1782] D. Strottman. Evaluation of SU(6) $\supseteq$ SU(3) $\otimes$ SU(2) Wigner coefficients. *Journal of Mathematical Physics*, 20(8):1643–1647, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1643_s1.

Weir:1979:SSH

[1783] G. J. Weir. Singular spin harmonics. *Journal of Mathematical Physics*, 20(8):1648–1649, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1648_s1.

Bassanini:1979:ALE

[1784] Piero Bassanini. An application of Lax's estimates to the determination of critical crystal thickness in nonlinear laser optics. *Journal of Mathematical Physics*, 20(8):1650–1652, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1650_s1.

Cornille:1979:SNW

[1785] H. Cornille. Solutions of the nonlinear 3-wave equations in three spatial dimensions. *Journal of Mathematical Physics*, 20(8):1653–1666, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1653_s1. See erratum [1950].

Lakshmanan:1979:RBM

[1786] M. Lakshmanan. Rigid body motions, space curves, prolongation structures, fiber bundles, and solitons. *Journal of Mathematical Physics*, 20(8):1667–1672, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1667_s1. See erratum [1945].

Epifanio:1979:RTG

[1787] G. Epifanio and C. Trapani. Remarks on a theorem by G. Epifanio: "On the matrix representation of unbounded operators", [J. Math. Phys. **17** (1976), no. 9, 1688–1691; MR **55** #8879]. *Journal of Mathematical Physics*, 20(8):1673–1675, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1673_s1.

Shalitin:1979:TBN

[1788] Dan Shalitin and Yoel Tikochinsky. Transformation between the normal and antinormal expansions of boson operators. *Journal of Mathematical Physics*, 20(8):1676–1678, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1676_s1.

Ekhaguere:1979:MFN

[1789] G. O. S. Ekhaguere. Markov fields in noncommutative probability theory on W^* algebras. *Journal of Mathematical Physics*, 20(8):1679–1683, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1679_s1.

Steeb:1979:NLT

[1790] W.-H. Steeb. A note on the Lorentz transformation. *Journal of Mathematical Physics*, 20(8):1684–1686, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1684_s1.

Devaney:1979:IPR

[1791] A. J. Devaney. The inverse problem for random sources. *Journal of Mathematical Physics*, 20(8):1687–1691, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1687_s1.

Aurilia:1979:TSMb

[1792] A. Aurilia and D. Christodoulou. Theory of strings and membranes in an external field. II. The string. *Journal of Mathematical Physics*, 20(8):1692–1699, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1692_s1.

Beau:1979:LGF

[1793] Daniel Beau and Salah Horchani. A Lie group framework for composite particles and mass spectrum. *Journal of Mathematical Physics*, 20(8):1700–1711, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1700_s1`.

Kay:1979:URS

[1794] Bernard S. Kay. A uniqueness result in the Segal–Weinless approach to linear Bose fields. *Journal of Mathematical Physics*, 20(8):1712–1713, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1712_s1`.

Gzyl:1979:BIS

[1795] Henryk Gzyl. On Blume's integration of Schrödinger's equation for a quantum system subject to random pulses. *Journal of Mathematical Physics*, 20(8):1714–1715, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1714_s1`.

Froman:1979:SQH

[1796] Nanny Fröman and Karl-Erik Thylwe. Settling the question of the high-energy behavior of phase shifts produced by repulsive, strongly singular, inverse-power potentials. *Journal of Mathematical Physics*, 20(8):1716–1719, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1716_s1`.

Suranyi:1979:CCS

[1797] Peter Suranyi. Classical, cross-section generating solutions of field equations. *Journal of Mathematical Physics*, 20(8):1720–1726, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1720_s1`.

Dollard:1979:SBP

[1798] John D. Dollard and Charles N. Friedman. Scattering of a beam of particles by a potential. *Journal of Mathematical Physics*, 20(8):1727–1730, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1727_s1`.

Persides:1979:DAM

[1799] S. Persides. A definition of asymptotically Minkowskian space–times. *Journal of Mathematical Physics*, 20(8):1731–1740, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1731_s1.

Cantor:1979:NSC

[1800] Murray Cantor. A necessary and sufficient condition for York data to specify an asymptotically flat spacetime. *Journal of Mathematical Physics*, 20(8):1741–1744, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1741_s1.

Horndeski:1979:CSC

[1801] Gregory Walter Horndeski. Characteristic surfaces and characteristic initial data for the generalized Einstein–Maxwell field equations. *Journal of Mathematical Physics*, 20(8):1745–1751, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1745_s1. See erratum [1937].

Campanino:1979:LLT

[1802] Massimo Campanino, Gabriella Del Grosso, and Brunello Tirozzi. Local limit theorem for Gibbs random fields of particles and unbounded spins. *Journal of Mathematical Physics*, 20(8):1752–1758, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1752_s1.

Rabinovitch:1979:SRG

[1803] A. Rabinovitch and R. N. Sen. Solution of renormalization group recursion relations for a finite Ising chain. *Journal of Mathematical Physics*, 20(8):1759–1760, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1759_s1.

Gallinar:1979:MMH

[1804] J.-P. Gallinar. Moment-method in a hard-sphere problem on a lattice, and physical applications. I. Uniform chain. *Journal of Mathematical Physics*, 20(8):1761–1768, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1761_s1.

Essam:1979:PMP

[1805] J. W. Essam. Potts models, percolation, and duality. *Journal of Mathematical Physics*, 20(8):1769–1773, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1769_s1.

Horiguchi:1979:HTM

[1806] Tsuyoshi Horiguchi. Husimi–Temperley model under a random field. *Journal of Mathematical Physics*, 20(8):1774–1775, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1774_s1.

Larsen:1979:SMN

[1807] Edward W. Larsen. The spectrum of the multigroup neutron transport operator for bounded spatial domains. *Journal of Mathematical Physics*, 20(8):1776–1782, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1776_s1.

Chaichian:1979:PEQ

[1808] M. Chaichian, M. Hayashi, N. F. Nelipa, and A. E. Pukhov. On the problem of existence of quantum field theory. *Journal of Mathematical Physics*, 20(8):1783–1790, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1783_s1.

Dimock:1979:SQFa

[1809] J. Dimock. Scalar quantum field in an external gauge field. *Journal of Mathematical Physics*, 20(8):1791–1796, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1791_s1.

DeMeyer:1979:CPG

[1810] H. E. De Meyer. On a common property of gravitational and chiral exponential Green functions. *Journal of Mathematical Physics*, 20(8):1797–1800, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1797_s1.

Sudarshan:1979:SRC

[1811] E. C. G. Sudarshan and N. Mukunda. Structure and representation of correlation functions and the density matrix for a statistical wave field in optics. *Journal of Mathematical Physics*, 20(8):1801–1810, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1801_s1.

Eimerl:1979:TTP

[1812] D. Eimerl. Theory of temporal pump stochasticity in stimulated Raman scattering in dispersionless media. *Journal of Mathematical Physics*, 20(8):1811–1823, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1811_s1.

Willemse:1979:ECP

[1813] M. W. M. Willemse and W. J. Caspers. Electrical conductivity of polycrystalline materials. *Journal of Mathematical Physics*, 20(8):1824–1831, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1824_s1.

Truman:1979:EFM

[1814] A. Truman. Erratum: "The Feynman maps and the Wiener integral", (J. Math. Phys. **19** (1978), no. 8, 1742–1750). *Journal of Mathematical Physics*, 20(8):1832–1833, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1832_s1. See [1408].

Okolowski:1979:ENS

[1815] J. A. Okolowski. Erratum: "A nonlinear scalar field theory in isotropic homogeneous space–time", [J. Math. Phys. **19**, 2253 (1978)]. *Journal of Mathematical Physics*, 20(8):1834, August 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i8/p1834_s1. See [1493].

Shebalin:1979:DAS

[1816] John V. Shebalin. A double angle sum formula for Gegenbauer polynomials. *Journal of Mathematical Physics*, 20(9):1837, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1837_s1.

Laedke:1979:AVA

[1817] E. W. Laedke and K. H. Spatschek. On the applicability of the variation of action method to some one-field solitons. *Journal of Mathematical*

Physics, 20(9):1838–1841, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1838_s1`.

Ochs:1979:WDP

[1818] Wilhelm Ochs. When does a projective system of state operators have a projective limit? *Journal of Mathematical Physics*, 20(9):1842–1847, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1842_s1`.

Thomas:1979:BSB

[1819] Lawrence E. Thomas. Birman–Schwinger bounds for the Laplacian with point interactions. *Journal of Mathematical Physics*, 20(9):1848–1850, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1848_s1`.

Urbantke:1979:RPF

[1820] H. Urbantke. On rotating plane-fronted waves and their Poincaré-invariant differential geometry. *Journal of Mathematical Physics*, 20 (9):1851–1860, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1851_s1`.

Yasue:1979:ROM

[1821] Kunio Yasue. The role of the Onsager–Machlup Lagrangian in the theory of stationary diffusion process. *Journal of Mathematical Physics*, 20 (9):1861–1864, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1861_s1`.

Davidson:1979:MSO

[1822] Mark Davidson. A model for the stochastic origins of Schrödinger's equation. *Journal of Mathematical Physics*, 20(9):1865–1869, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1865_s1`.

Khandekar:1979:EST

[1823] D. C. Khandekar and S. V. Lawande. Exact solution of a time-dependent quantal harmonic oscillator with damping and a perturbative force. *Journal of Mathematical Physics*, 20(9):1870–1877, September 1979. CODEN

JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1870_s1.

Muller-Kirsten:1979:ESW

[1824] H. J. W. Müller-Kirsten, G. E. Hite, and S. K. Bose. Explicit solution of the wave equation for arbitrary power potentials with application to charmonium spectroscopy. *Journal of Mathematical Physics*, 20(9):1878–1890, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1878_s1.

Stillinger:1979:SQM

[1825] Frank H. Stillinger. Solution of a quantum mechanical eigenvalue problem with long range potentials. *Journal of Mathematical Physics*, 20 (9):1891–1895, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1891_s1.

Haba:1979:SLE

[1826] Z. Haba. A scale limit of φ^2 in φ^4 Euclidean field theory. I. *Journal of Mathematical Physics*, 20(9):1896–1904, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1896_s1.

Aldersley:1979:CCD

[1827] S. J. Aldersley. Comments on certain divergence-free tensor densities in a 3-space. *Journal of Mathematical Physics*, 20(9):1905–1907, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1905_s1.

Banerjee:1979:PSS

[1828] A. Banerjee and D. Bhattacharya. Plane symmetric static fields in Brans–Dicke theory of gravitation. *Journal of Mathematical Physics*, 20(9):1908–1910, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1908_s1.

Cattell:1979:NMS

[1829] David F. Cattell and M. A. Melvin. Neutrino, Maxwell, and scalar fields in the cylindrical magnetic or plasma universe. *Journal of Mathematical Physics*, 20(9):1911–1924, September 1979. CODEN JMAPAQ. ISSN

0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1911_s1.

Li:1979:EAM

[1830] Wann-Quan Li and Wei-Tou Ni. Expansions of the affinity, metric and geodesic equations in Fermi normal coordinates about a geodesic. *Journal of Mathematical Physics*, 20(9):1925–1929, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1925_s1.

Lim:1979:EMS

[1831] S. C. Lim. Euclidean and Minkowski space formulations of linearized gravitational potential in various gauges. *Journal of Mathematical Physics*, 20(9):1930–1937, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1930_s1.

Finley:1979:CAS

[1832] J. D. Finley III and J. F. Plebański. The classification of all $\mathcal{H}$ spaces admitting a Killing vector. *Journal of Mathematical Physics*, 20(9):1938–1945, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1938_s1.

Plebanski:1979:NNT

[1833] Jerzy F. Plebański. The nondiverging and nontwisting type D electrovac solutions with λ. *Journal of Mathematical Physics*, 20(9):1946–1962, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1946_s1.

Gudder:1979:BDR

[1834] Stanley Gudder, Jean-Paul Marchand, and Walter Wyss. Bures distance and relative entropy. *Journal of Mathematical Physics*, 20(9):1963–1966, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1963_s1.

Bollini:1979:SPA

[1835] C. G. Bollini, J. J. Giambiagi, and J. Tiomno. Singular potentials and analytic regularization in classical Yang–Mills equations. *Journal of Mathematical Physics*, 20(9):1967–1971, September 1979. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1967_s1`.

Einstein:1979:SRS

[1836] S. Einstein and R. Finkelstein. Solutions of the Rarita–Schwinger equation in the Kerr–Newman space. *Journal of Mathematical Physics*, 20 (9):1972–1976, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1972_s1`.

Bars:1979:CLA

[1837] Itzhak Bars and Murat Günaydin. Construction of Lie algebras and Lie superalgebras from ternary algebras. *Journal of Mathematical Physics*, 20(9):1977–1993, September 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i9/p1977_s1`.

Klimyk:1979:MEIa

[1838] Anatoli U. Klimyk and Bruno Gruber. Matrix elements for infinitesimal operators of the groups $\mathrm{U}(p+q)$ and $\mathrm{U}(p,\,q)$ in a $\mathrm{U}(p) \times \mathrm{U}(q)$ basis. I. *Journal of Mathematical Physics*, 20(10):1995–2010, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i10/p1995_s1`.

Klimyk:1979:MEIb

[1839] A. U. Klimyk and Bruno Gruber. Matrix elements for infinitesimal operators of the groups $\mathrm{U}(p+q)$ and $\mathrm{U}(p,q)$ in a $\mathrm{U}(p) \times \mathrm{U}(q)$ basis. II. *Journal of Mathematical Physics*, 20(10):2011–2013, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2011_s1`.

Partensky:1979:SRM

[1840] A. Partensky and C. Quesne. Sum rules for the matrices of the generators of SU(3) in an SO(3) basis. *Journal of Mathematical Physics*, 20(10):2014–2027, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2014_s1`.

vandenBroek:1979:CGC

[1841] P. M. van den Broek. Clebsch–Gordan coefficients of finite magnetic groups. *Journal of Mathematical Physics*, 20(10):2028–2035, October

1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2028_s1.

Hinton:1979:SMC

[1842] F. L. Hinton. Stokes multipliers for a class of ordinary differential equations. *Journal of Mathematical Physics*, 20(10):2036–2046, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2036_s1.

Moses:1979:GLE

[1843] H. E. Moses. Gel'fand–Levitan equations with comparison measures and comparison potentials. *Journal of Mathematical Physics*, 20(10):2047–2053, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2047_s1.

Ray:1979:NTT

[1844] John R. Ray and James L. Reid. Noether's theorem, time-dependent invariants and nonlinear equations of motion. *Journal of Mathematical Physics*, 20(10):2054–2057, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2054_s1.

Boisseau:1979:GTH

[1845] B. Boisseau and C. Barrabès. Gauge theory in Hamiltonian classical mechanics : The electromagnetic and gravitational fields. *Journal of Mathematical Physics*, 20(10):2058–2062, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2058_s1.

Helstrom:1979:QDA

[1846] Carl W. Helstrom. Quasiprobability distributions and the analysis of the linear quantum channel with thermal noise. *Journal of Mathematical Physics*, 20(10):2063–2068, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2063_s1.

Papanicolaou:1979:GDB

[1847] N. Papanicolaou. Gravitational duality and Bäcklund transformations. *Journal of Mathematical Physics*, 20(10):2069–2077, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic),

1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2069_s1.

Letelier:1979:SGF

[1848] P. S. Letelier. Self-gravitating fluids with cylindrical symmetry. II. *Journal of Mathematical Physics*, 20(10):2078–2080, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2078_s1.

Lindblad:1979:GQS

[1849] Göran Lindblad. Gaussian quantum stochastic processes on the CCR algebra. *Journal of Mathematical Physics*, 20(10):2081–2087, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2081_s1.

Matsumoto:1979:QSC

[1850] H. Matsumoto, G. Oberlechner, M. Umezawa, and H. Umezawa. Quantum soliton and classical soliton. *Journal of Mathematical Physics*, 20(10):2088–2096, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2088_s1.

Gidas:1979:DSP

[1851] Basilis Gidas. Deformations and spectral properties of merons. *Journal of Mathematical Physics*, 20(10):2097–2109, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2097_s1.

Schaposnik:1979:GFS

[1852] F. A. Schaposnik and J. E. Solomin. Gauge field singularities and noninteger topological charge. *Journal of Mathematical Physics*, 20(10):2110–2114, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2110_s1.

Jarvis:1979:CIC

[1853] P. D. Jarvis and H. S. Green. Casimir invariants and characteristic identities for generators of the general linear, special linear and orthosymplectic graded Lie algebras. *Journal of Mathematical Physics*, 20(10):2115–2122, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2115_s1.

Sastry:1979:NSD

[1854] V. V. S. S. Sastry and A. Chakrabarti. A note on Sommerfeld's diffraction problem. *Journal of Mathematical Physics*, 20(10):2123–2125, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2123_s1.

Arthur:1979:ADF

[1855] M. D. Arthur, R. L. Bowden, and P. F. Zweifel. Analysis of the dispersion function for anisotropic longitudinal plasma waves. *Journal of Mathematical Physics*, 20(10):2126–2130, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2126_s1.

Klimas:1979:AME

[1856] Alexander J. Klimas. An approximation method for electrostatic Vlasov turbulence. *Journal of Mathematical Physics*, 20(10):2131–2138, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2131_s1.

Fortini:1979:FSM

[1857] André Fortini, Alain Hairie, and Jean-Pierre Girard. First-stage magnetization and metastable migration field in a type I. superconducting slab. *Journal of Mathematical Physics*, 20(10):2139–2149, October 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i10/p2139_s1.

Kim:1979:NMMa

[1858] Shoon K. Kim. A new method of matrix transformation. I. Matrix diagonalizations via involutional transformations. *Journal of Mathematical Physics*, 20(11):2153–2158, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2153_s1. See erratum [1951].

Kim:1979:NMMb

[1859] Shoon K. Kim. A new method of matrix transformations. II. General theory of matrix diagonalizations via reduced characteristic equations and its application to angular momentum coupling. *Journal of Mathematical Physics*, 20(11):2159–2167, November 1979. CODEN JMAPAQ.

ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2159_s1.

Carinena:1979:RGS

[1860] José F. Cariñena and Mariano Santander. Representation groups for semiunitary projective representations of finite groups. *Journal of Mathematical Physics*, 20(11):2168–2177, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2168_s1.

Agrawala:1979:MTI

[1861] Vishnu K. Agrawala. Micu-type invariants of simple Lie algebras. *Journal of Mathematical Physics*, 20(11):2178–2186, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2178_s1.

Christensen:1979:QDH

[1862] Mark J. Christensen and John Piepenbrink. Quantum dynamics of Hamiltonians perturbed by pulses. *Journal of Mathematical Physics*, 20(11):2187–2190, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2187_s1.

Maurone:1979:ABD

[1863] Philip A. Maurone and Alain J. Phares. On the asymptotic behavior of the derivatives of Airy functions. *Journal of Mathematical Physics*, 20(11):2191, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2191_s1.

Hanckowiak:1979:SE

[1864] Jerzy Hańćkowiak. Schwinger equations. *Journal of Mathematical Physics*, 20(11):2192–2203, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2192_s1.

Landgren:1979:AMP

[1865] J. J. Landgren and P. A. Rejto. An application of the maximum principle to the study of essential self-adjointness of Dirac operators. I. *Journal of Mathematical Physics*, 20(11):2204–2211, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2204_s1.

Behroozi:1979:CPP

[1866] F. Behroozi and R. Gagnon. Cyclic pursuit in a plane. *Journal of Mathematical Physics*, 20(11):2212–2216, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2212_s1.

Moore:1979:SBR

[1867] Marion E. Moore. Stability and boundedness results of stochastic differential equations relative to a generalized norm. *Journal of Mathematical Physics*, 20(11):2217–2220, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2217_s1.

Maharatna:1979:SAT

[1868] A. Maharatna, Ranabir Dutt, and D. Chattarji. Some applications of time-dependent canonical transformations to nonlinear nonconservative classical systems. *Journal of Mathematical Physics*, 20(11):2221–2225, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2221_s1.

Fronsdal:1979:IPQ

[1869] Christian Fronsdal. Invariant *-product quantization of the one-dimensional Kepler problem. *Journal of Mathematical Physics*, 20(11):2226–2232, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2226_s1.

Kaushal:1979:ENB

[1870] R. S. Kaushal and H. J. W. Müller-Kirsten. Explicit normalization of bound-state wave functions and the calculation of decay widths. *Journal of Mathematical Physics*, 20(11):2233–2243, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2233_s1.

Barut:1979:QTI

[1871] A. O. Barut, C. K. E. Schneider, and Raj Wilson. Quantum theory of infinite component fields. *Journal of Mathematical Physics*, 20(11):2244–2256, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2244_s1.

Cattaneo:1979:BMB

[1872] U. Cattaneo. Borel multipliers for the Bondi–Metzner–Sachs group. *Journal of Mathematical Physics*, 20(11):2257–2263, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2257_s1`.

Fang:1979:DGG

[1873] J. Fang and C. Fronsdal. Deformations of gauge groups. Gravitation. *Journal of Mathematical Physics*, 20(11):2264–2271, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2264_s1`.

Farhoosh:1979:SCM

[1874] Hamid Farhoosh and Robert L. Zimmerman. Stationary charged C-metric. *Journal of Mathematical Physics*, 20(11):2272–2279, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2272_s1`.

Singh:1979:GSE

[1875] T. Singh and L. N. Rai. Generalized static electromagnetic fields in Brans–Dicke theory. *Journal of Mathematical Physics*, 20(11):2280–2285, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2280_s1`.

Pule:1979:DOI

[1876] J. V. Pulè and A. Verbeure. Dissipative operators for infinite classical systems and equilibrium. *Journal of Mathematical Physics*, 20(11):2286–2290, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2286_s1`.

Vaidya:1979:OPR

[1877] H. G. Vaidya and C. A. Tracy. One particle reduced density matrix of impenetrable bosons in one dimension at zero temperature. *Journal of Mathematical Physics*, 20(11):2291–2312, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2291_s1`.

ElWakil:1979:TRC

[1878] S. A. El Wakil, M. H. Haggag, and E. A. Saad. Transmission and reflection coefficients in the slowing down region. *Journal of Mathematical Physics*, 20(11):2313–2318, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2313_s1`.

Naito:1979:URH

[1879] Seichi Naito. Unitarity and renormalized 't Hooft identities. *Journal of Mathematical Physics*, 20(11):2319–2326, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2319_s1`.

Asorey:1979:EMP

[1880] M. Asorey and L. J. Boya. Electromagnetism without monopoles is possible in nontrivial U(1)-fibre bundles. *Journal of Mathematical Physics*, 20(11):2327–2329, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2327_s1`.

Znojil:1979:GMR

[1881] M. Znojil. Generalized method of a resolvent operator expansion. II. *Journal of Mathematical Physics*, 20(11):2330–2333, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2330_s1`.

Sanz:1979:LDE

[1882] J. L. Sanz. On the Lorentz–Dirac equation. *Journal of Mathematical Physics*, 20(11):2334–2338, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2334_s1`.

Weinert:1979:MRK

[1883] Ulrich Weinert. Matrix representation of the kinetic theory differential operator. *Journal of Mathematical Physics*, 20(11):2339–2346, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2339_s1`.

Collins:1979:NAIa

[1884] C. B. Collins and D. A. Szafron. A new approach to inhomogeneous cosmologies: Intrinsic symmetries. I. *Journal of Mathematical Physics*, 20(11):2347–2353, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2347_s1`.

Szafron:1979:NAI

[1885] D. A. Szafron and C. B. Collins. A new approach to inhomogeneous cosmologies: intrinsic symmetries. II. Conformally flat slices and an invariant classification. *Journal of Mathematical Physics*, 20(11):2354–2361, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2354_s1`.

Collins:1979:NAIb

[1886] C. B. Collins and D. A. Szafron. A new approach to inhomogeneous cosmologies: intrinsic symmetries. III. Conformally flat slices and their analysis. *Journal of Mathematical Physics*, 20(11):2362–2370, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2362_s1`.

Ernst:1979:ECD

[1887] Frederick J. Ernst. Erratum: "Coping with different languages in the null tetrad formulation of general relativity", [J. Math. Phys. **19**, 489 (1978)]. *Journal of Mathematical Physics*, 20(11):2371, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2371_s1`. See [1200].

Ernst:1979:EGC

[1888] Frederick J. Ernst. Erratum: "Generalized C metric", [J. Math. Phys. **19**, 1986 (1978)]. *Journal of Mathematical Physics*, 20(11):2371, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2371_s2`. See [1447].

Jagannathan:1979:ERP

[1889] R. Jagannathan and R. Vasudevan. Erratum: "Representations of a para-Bose algebra using only a single Bose field", [J. Math. Phys. **20** (1979), no. 3, 390–392; MR 80h:81039a]. *Journal of Mathematical Physics*, 20(11):2372, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2372_s1`. See [1614].

Lewis:1979:ELA

[1890] H. Ralph Lewis and Keith R. Symon. Erratum: “Linearized analysis of inhomogeneous plasma equilibria: general theory”, (J. Math. Phys. **20** (1979), no. 3, 413–436). *Journal of Mathematical Physics*, 20(11): 2372, November 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i11/p2372_s2. See [1619].

Antippa:1979:TSS

[1891] Adel F. Antippa and Nguyen Ky Toan. Topological solution for systems of simultaneous linear equations. *Journal of Mathematical Physics*, 20 (12):2375–2379, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2375_s1.

Schneider:1979:LOG

[1892] C. K. E. Schneider and Raj Wilson. Ladder operators of group matrix elements. *Journal of Mathematical Physics*, 20(12):2380–2390, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2380_s1.

Wong:1979:MFW

[1893] M. K. F. Wong. On the multiplicity-free Wigner and Racah coefficients of U(n). *Journal of Mathematical Physics*, 20(12):2391–2397, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2391_s1.

Raynal:1979:DPG

[1894] Jacques Raynal. On the definition and properties of generalized 6-j symbols. *Journal of Mathematical Physics*, 20(12):2398–2415, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2398_s1.

Chudnovsky:1979:MSN

[1895] D. V. Chudnovsky. Meromorphic solutions of nonlinear partial differential equations and many-particle completely integrable systems. *Journal of Mathematical Physics*, 20(12):2416–2422, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2416_s1.

Couch:1979:PSS

[1896] W. E. Couch and R. J. Torrence. A particular N-soliton solution and scalar wave equations. *Journal of Mathematical Physics*, 20(12):2423–2426, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2423_s1.

Garczynski:1979:RFF

[1897] W. Garczyński and J. Hańćkowiak. Restoration of a functional from its functional derivatives. *Journal of Mathematical Physics*, 20(12):2427–2430, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2427_s1.

Hellsten:1979:VGA

[1898] H. Hellsten. Visual geometry and the algebraic properties of spinors. *Journal of Mathematical Physics*, 20(12):2431–2437, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2431_s1.

Zhang:1979:DTA

[1899] Hwe Ik Zhang and Jae Il Lee. Disequilibrium theory applied to two-spin Glauber model. *Journal of Mathematical Physics*, 20(12):2438–2444, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2438_s1.

Littlejohn:1979:GCH

[1900] Robert G. Littlejohn. A guiding center Hamiltonian: a new approach. *Journal of Mathematical Physics*, 20(12):2445–2458, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2445_s1.

Salas:1979:WLI

[1901] Angel Salas. World-line invariance in predictive mechanics. *Journal of Mathematical Physics*, 20(12):2459–2466, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2459_s1.

Fox:1979:TOO

[1902] Ronald Forrest Fox. Time ordered operator cumulants: Statistical independence and noncommutativity. *Journal of Mathematical Physics*, 20 (12):2467–2470, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2467_s1`.

Muller-Kirsten:1979:SWE

[1903] H. J. W. Müller-Kirsten and S. K. Bose. Solution of the wave equation for the logarithmic potential with application to particle spectroscopy. *Journal of Mathematical Physics*, 20(12):2471–2480, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2471_s1`.

Hall:1979:CES

[1904] Richard L. Hall and B. Schwesinger. The complete exact solution to the translation-invariant N-body harmonic oscillator problem. *Journal of Mathematical Physics*, 20(12):2481–2483, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2481_s1`.

Johnson:1979:RRC

[1905] Bruce R. Johnson and Joseph O. Hirschfelder. The radial reduced Coulomb Green's function. *Journal of Mathematical Physics*, 20(12): 2484–2501, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2484_s1`. See erratum [1954].

Narnhofer:1979:DTE

[1906] H. Narnhofer. Does there exist a scattering theory for time automorphism groups of C^*-algebras corresponding to two-body interactions. *Journal of Mathematical Physics*, 20(12):2502–2505, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2502_s1`.

Panangaden:1979:PNF

[1907] Prakash Panangaden. Positive and negative frequency decompositions in curved spacetime. *Journal of Mathematical Physics*, 20(12):2506–2510, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2506_s1`.

Klink:1979:CPS

[1908] William H. Klink. Crossing properties of scattering operators. *Journal of Mathematical Physics*, 20(12):2511–2513, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2511_s1.

Klink:1979:RMS

[1909] W. H. Klink. A representation of multiparticle scattering operators satisfying unitarity and crossing properties. *Journal of Mathematical Physics*, 20(12):2514–2519, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2514_s1.

vanHaeringen:1979:SSC

[1910] H. van Haeringen. Off-shell scattering by Coulomb-like potentials. *Journal of Mathematical Physics*, 20(12):2520–2525, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2520_s1.

Hoenselaers:1979:SSEa

[1911] C. Hoenselaers. Symmetries of the stationary Einstein–Maxwell field equations. V. *Journal of Mathematical Physics*, 20(12):2526–2529, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2526_s1.

Hoenselaers:1979:SSEb

[1912] C. Hoenselaers, William Kinnersley, and Basilis C. Xanthopoulos. Symmetries of the stationary Einstein–Maxwell equations. VI. Transformations which generate asymptotically flat spacetimes with arbitrary multipole moments. *Journal of Mathematical Physics*, 20(12):2530–2536, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2530_s1.

Pant:1979:CFS

[1913] D. N. Pant and A. Sah. Charged fluid sphere in general relativity. *Journal of Mathematical Physics*, 20(12):2537–2539, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2537_s1.

Gerlach:1979:EPJ

[1914] U. H. Gerlach and U. K. Sengupta. Even parity junction conditions for perturbations on most general spherically symmetric space–times. *Journal of Mathematical Physics*, 20(12):2540–2546, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2540_s1`.

Fischer:1979:EBT

[1915] Elliot Fischer. An extension of the Bonnor transformation. *Journal of Mathematical Physics*, 20(12):2547–2548, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2547_s1`.

Dimock:1979:SQFb

[1916] J. Dimock. Scalar quantum field in an external gravitational field. *Journal of Mathematical Physics*, 20(12):2549–2555, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2549_s1`.

Heidenreich:1979:CEE

[1917] W. Heidenreich. Conformal electrodynamics in Einstein spacetime. *Journal of Mathematical Physics*, 20(12):2556–2558, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2556_s1`.

Zasada:1979:LTT

[1918] C. S. Zasada and R. K. Pathria. Low-temperature thermodynamics of a weakly interacting Bose gas confined to restricted geometries. *Journal of Mathematical Physics*, 20(12):2559–2566, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2559_s1`.

Ferrario:1979:NMR

[1919] Mauro Ferrario and Paolo Grigolini. The non-Markovian relaxation process as a "contraction" of a multidimensional one of Markovian type. *Journal of Mathematical Physics*, 20(12):2567–2572, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2567_s1`.

vanVliet:1979:LRT

[1920] K. M. van Vliet. Linear response theory revisited. II. The master equation approach. *Journal of Mathematical Physics*, 20(12):2573–2595, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2573_s1.

Garber:1979:ASB

[1921] W. D. Garber. All spontaneously broken symmetries for noncovariant currents. *Journal of Mathematical Physics*, 20(12):2596–2604, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2596_s1.

Cho:1979:CGF

[1922] Y. M. Cho. Classification of gauge fields. *Journal of Mathematical Physics*, 20(12):2605–2612, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2605_s1. See erratum [1944].

Cognola:1979:CNA

[1923] G. Cognola, R. Soldati, L. Vanzo, and S. Zerbini. Classical non-Abelian gauge theories in the space of reference frames. *Journal of Mathematical Physics*, 20(12):2613–2618, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2613_s1.

Reina:1979:FOS

[1924] C. Reina, M. Martellini, and P. Sodano. A first order system of differential equations for covariant σ models. *Journal of Mathematical Physics*, 20(12):2619–2620, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2619_s1.

Daumens:1979:ILB

[1925] M. Daumens and M. Perroud. Internal Lorentz basis for two-particle states. *Journal of Mathematical Physics*, 20(12):2621–2627, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2621_s1.

Pohlmeyer:1979:RTD

[1926] K. Pohlmeyer and K.-H. Rehren. Reduction of the two-dimensional O(n) nonlinear σ-model. *Journal of Mathematical Physics*, 20(12):2628–2632, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2628_s1.

Kanal:1979:APR

[1927] Madhoo Kanal. Albedo problem of radiative transfer in inhomogeneous isotropically scattering atmospheres: Application of the maximum variational principle. *Journal of Mathematical Physics*, 20(12):2633–2638, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2633_s1.

Lucena:1979:COE

[1928] S. J. Lucena, T. A. Minelli, and M. Pusterla. Classical oscillators excited parametrically and their applications in plasma physics. *Journal of Mathematical Physics*, 20(12):2639–2648, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2639_s1.

Dragt:1979:NFM

[1929] Alex J. Dragt and John M. Finn. Normal form for mirror machine Hamiltonians. *Journal of Mathematical Physics*, 20(12):2649–2660, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2649_s1.

Runnels:1979:ZGP

[1930] L. K. Runnels and John Runnels. Zeros of the grand partition function: One-dimensional Widom–Rowlinson lattice gas. *Journal of Mathematical Physics*, 20(12):2661–2664, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2661_s1.

Vanheuverzwijn:1979:MSI

[1931] Paul Vanheuverzwijn. Metastable states in the infinite Ising model. *Journal of Mathematical Physics*, 20(12):2665–2670, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2665_s1.

Eringen:1979:CTN

[1932] A. Cemal Eringen. Continuum theory of nematic liquid crystals subject to electromagnetic fields. *Journal of Mathematical Physics*, 20(12):2671–2681, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-

7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2671_s1.

McCarthy:1979:GWD

[1933] M. F. McCarthy and H. F. Tiersten. The growth of wave discontinuities in piezoelectric semiconductors. *Journal of Mathematical Physics*, 20(12):2682–2691, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2682_s1.

Bonilla:1979:SPA

[1934] L. L. Bonilla and M. G. Velarde. Singular perturbations approach to the limit cycle and global patterns in a nonlinear diffusion-reaction problem with autocatalysis and saturation law. *Journal of Mathematical Physics*, 20(12):2692–2703, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2692_s1.

Aldersley:1979:EHE

[1935] S. J. Aldersley. Erratum: “Higher Euler operators and some of their applications [J. Math. Phys. **20**, 522 (1979)]”. *Journal of Mathematical Physics*, 20(12):2704, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2704_s1. See [1632].

Romo:1979:EAF

[1936] W. J. Romo. Erratum: “Asymptotic forms of radial wavefunctions and Jost functions for cutoff potentials”, [J. Math. Phys. **20**, 1210(1979)]. *Journal of Mathematical Physics*, 20(12):2704, December 1979. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v20/i12/p2704_s2. See [1714].

Horndeski:1980:ECS

[1937] Gregory Walter Horndeski. Erratum: “Characteristic surfaces and characteristic initial data for the generalized Einstein–Maxwell field equations”. *Journal of Mathematical Physics*, 21(1):218, January 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1801].

Wald:1980:ENS

[1938] Robert M. Wald. Erratum: “Note on the stability of the Schwarzschild metric”, (J. Math. Phys. **20** (1979), no. 6, 1056–1058). *Journal of Math-*

ematical Physics, 21(1):218, January 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1695].

Wodkiewicz:1980:EES

[1939] K. Wódkiewicz. Erratum: "Exact solutions of some multiplicative stochastic processes", (J. Math. Phys. **20** (1979), no. 1, 45–48). *Journal of Mathematical Physics*, 21(1):218, January 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1566].

Lewis:1980:ELA

[1940] H. Ralph Lewis and Keith R. Symon. Erratum: "Linearized analysis of inhomogeneous plasma equilibria: general theory", [J. Math. Phys. **20** (1979), no. 3, 413–436; MR 80b:82045a]. *Journal of Mathematical Physics*, 21(3):599, March 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i3/p599_s1`. See [1619].

Gouedard:1980:EDE

[1941] C. Gouedard and C. Deutsch. Erratum: "Dense electron-gas response at any degeneracy", [J. Math. Phys. **19**, 32 (1978)]. *Journal of Mathematical Physics*, 21(4):949, April 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i4/p949_s1`. See erratum [1133].

Abellanas:1980:ECD

[1942] L. Abellanas and A. Galindo. Erratum: "Conserved densities for nonlinear evolution equations. I. Even order case", [J. Math. Phys. **20**, 1239 (1979)]. *Journal of Mathematical Physics*, 21(5):1267, May 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i5/p1267_s2`. See [1718].

Gazeau:1980:EFE

[1943] J. P. Gazeau. Erratum: "Four Euclidean conformal groups in atomic calculations: Exact analytical expressions for the bound-bound two photon transition matrix elements in the H atom", [J. Math. Phys. **19**, 1041 (1978)]. *Journal of Mathematical Physics*, 21(5):1267, May 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i5/p1267_s1`. See [1298].

Cho:1980:ECG

[1944] Yongmin Cho. Erratum: "Classification of gauge fields", [J. Math. Phys. **20** (1979), no. 12, 2605–2612; MR 80k:81086]. *Journal of Mathematical Physics*, 21(6):1552, June 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i6/p1552_s3`. See [1922].

Lakshmanan:1980:ERB

[1945] M. Lakshmanan. Erratum: "Rigid body motions, space curves, prolongation structures, fiber bundles, and solitons", [J. Math. Phys. **20** (1979), no. 8, 1667–1672; MR 80g:58003]. *Journal of Mathematical Physics*, 21 (6):1552, June 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1786].

Mizrahi:1980:EPS

[1946] Maurice M. Mizrahi. Erratum: "Phase space path integrals, without limiting procedure", [J. Math. Phys. **19** (1978), no. 1, 298–307; MR **56** #17627]. *Journal of Mathematical Physics*, 21(7):1965, July 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1170].

Murray:1980:ESF

[1947] J. C. Murray. Erratum: "On the sound field due to a moving source in a superfluid", [J. Math. Phys. **20**, 1409 (1979)]. *Journal of Mathematical Physics*, 21(8):2313, August 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v21/i8/p2313_s1`. See [1746].

Ben-Artzi:1980:ESS

[1948] Matania Ben-Artzi and Allen Devinatz. Erratum: "Spectral and scattering theory for the adiabatic oscillator and related potentials". *Journal of Mathematical Physics*, 21(9):2471, September 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1640].

CastilhoAlcaras:1980:ECS

[1949] J. A. Castilho Alcarás and L. C. Beidenharn. Erratum: "On the coupling of self-conjugate systems with $\overline{\mathrm{SL}(3, \mathbf{R})}$ symmetry", [J. Math. Phys. **20** (1979), no. 8, 1615–1621; MR 80i:81069]. *Journal of Mathematical Physics*, 21(12):2852, December 1980. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1779].

Cornille:1981:ESN

[1950] H. Cornille. Erratum: "Solutions of the nonlinear 3-wave equations in three spatial dimensions", [J. Math. Phys. **20** (1979), no. 8, 1653–1666; MR 81d:35069]. *Journal of Mathematical Physics*, 22(1):219, January 1981. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1785].

Kim:1981:ENM

[1951] Shoon K. Kim. Erratum: "A new method of matrix transformations. II. General theory of matrix diagonalizations via reduced characteristic equations and its application to angular momentum coupling", [J. Math. Phys. **20** (1979), no. 11, 2159–2167; MR 81j:15015b]. *Journal of Mathematical Physics*, 22(4):916, April 1981. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1858].

Froman:1981:CHO

[1952] Nanny Fröman and Per Olof Fröman. Comments on: "Higher order modified potentials for the effective phase integral approximation", [J. Math. Phys. **20** (1979), no. 1, 83–85; MR 80f:81031] by Edward R. Floyd. *Journal of Mathematical Physics*, 22(6):1190–1191, June 1981. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1572].

Bleistein:1982:ENI

[1953] Norman Bleistein and Jack K. Cohen. Erratum: "Nonuniqueness in the inverse source problem in acoustics and electromagnetics", [J. Math. Phys. **18** (1977), no. 2, 194–201; MR **55** #11812]. *Journal of Mathematical Physics*, 23(5):915, May 1982. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v23/i5/p915_s2`. See [778].

Johnson:2021:ERR

[1954] Bruce R. Johnson. Erratum: "The radial reduced Coulomb Green's function" [j. math. phys. 20, 2484 (1979)]. *Journal of Mathematical Physics*, 62(2):029901, February 2021. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. See [1905].