

## Author Index to Volumes 81–90 (1981–1983)

### A

- Adler, M., Moerbeke, P. van: Kowalewski's Asymptotic Method, Kac-moody Lie Algebras and Regularization **83**, 83 (1982)
- Aizenman, M.: Geometric Analysis of  $\Phi^4$  Fields and Ising Models. Parts I and II **86**, 1 (1982)
- Albeverio, S., Fukushima, M., Karwowski, W., Streit, L.: Capacity and Quantum Mechanical Tunneling **81**, 501 (1981)
- Albeverio, S., Blanchard, Ph., Høegh-Krohn, R.: Feynman Path Integrals and the Trace Formula for the Schrödinger Operators **83**, 49 (1982)
- Albeverio, S., Blanchard, Ph., Combe, Ph., Høegh-Krohn, R., Sirugue, M.: Local Relativistic Invariant Flows for Quantum Fields **90**, 329 (1983)
- Alvarez-Gaumé, L., Gomez, C.: Remarks on Quantum Gravity **89**, 235 (1983)
- Alvarez-Gaumé, L.: Supersymmetry and the Atiyah-Singer Index Theorem **90**, 161 (1983)
- Angelopoulos, E.: The Unitary Irreducible Representations of  $\bar{S}\bar{O}_0(4,2)$  **89**, 41 (1983)
- Anshelevich, V.V., Khanin, K.M., Sinai, Ya.G.: Symmetric Random Walks in Random Environments **85**, 449 (1982)
- Araki, H., Yamagami, S.: An Inequality for Hilbert-Schmidt Norm **81**, 89 (1981)
- Araki, H.: On a Pathology in Indefinite Metric Inner Product Space **85**, 121 (1982)
- Arens, R.: The Conserved Currents for the Maxwellian Field **90**, 527 (1983)
- Arkeryd, L.: Asymptotic Behaviour of the Boltzmann Equation with Infinite Range Forces **86**, 475 (1982)
- Aronson, D.G., Chory, M.A., Hall, G.R., McGehee, R.P.: Bifurcations from an Invariant Circle for Two-Parameter Families of Maps of the Plane: A Computer-Assisted Study **83**, 303 (1982)
- Arveson, W.: Quantization and the Uniqueness of Invariant Structures **89**, 77 (1983)
- Ashbaugh, M.S., Harrell II, E.M.: Perturbation Theory for Shape Resonances and Large Barrier Potentials **83**, 151 (1982)
- Ashtekar, A., Magnon-Ashtekar, A.: On the Symplectic Structure of General Relativity **86**, 55 (1982)
- Athorne, C.: Cylindrically and Spherically Symmetric Monopoles in SU(3) Gauge Theory **88**, 43 (1983)
- Auberson, G.: Borel Summability for a Non-polynomial Potential **84**, 531 (1982)
- Avron, J., Simon, B.: Almost Periodic Schrödinger Operators. I. Limit Periodic Potentials **82**, 101 (1981)

### B

- Baal, P. van: Some Results for SU( $N$ ) Gauge-Fields on the Hypertorus **85**, 529 (1982)
- Babelon, O., Viallet, C.M.: The Riemannian Geometry of the Configuration Space of Gauge Theories **81**, 515 (1981)
- Bababan, T.: (Higgs)<sub>2,3</sub> Quantum Fields in a Finite Volume. I. A Lower Bound **85**, 603 (1982)
- Bababan, T.: (Higgs)<sub>2,3</sub> Quantum Fields in a Finite Volume. II. An Upper Bound **86**, 555 (1982)
- Bababan, T.: (Higgs)<sub>2,3</sub> Quantum Fields in a Finite Volume. III. Renormalization **88**, 411 (1983)
- Bababan, T.: Regularity and Decay of Lattice Green's Functions **89**, 571 (1983)
- Balslev, E.: Comment on "Analytic Scattering Theory for Many-Body Systems Below the Smallest Three-Body Threshold" **82**, 257 (1981)
- Barbashov, B.M., Nesterenko, V.V., Chervyakov, A.M.: General Solutions of Nonlinear Equations in the Geometric Theory of the Relativistic String **84**, 471 (1982)
- Barnett, C., Streater, R.F., Wilde, I.F.: The Itô-Clifford Integral. III. The Markov Property of Solutions to Stochastic Differential Equations **89**, 13 (1983)
- Barnsley, M.F., Geronimo, J.S., Harrington, A.N.: On the Invariant Sets of a Family of Quadratic Maps **88**, 479 (1983)
- Bartnik, R., Simon, L.: Spacelike Hypersurfaces with Prescribed Boundary Values and Mean Curvature **87**, 131 (1982)
- Bashilov, Yu.A., see Pokrovsky, S.V. **84**, 103 (1982)
- Battle III, G.A., Federbush, P.: A Phase Cell Cluster Expansion for a Hierarchical  $\Phi_3^4$  Model **88**, 263 (1983)
- Baumann, K.: All Massless, Scalar Fields with Trivial S-Matrix are Wick-Polynomials **86**, 247 (1982)
- Baxter, R.J.: On Zamolodchikov's Solution of the Tetrahedron Equations **88**, 185 (1983)
- Beig, R., Schmidt, B.G.: Einstein's Equations near Spatial Infinity **87**, 65 (1982)
- Bellissard, J., Høegh-Krohn, R.: Compactness and the Maximal Gibbs State for Random Gibbs Fields on a Lattice **84**, 297 (1982)
- Bellissard, J., Scoppola, E.: The Density of States for Almost Periodic Schrödinger Operators and the Frequency Module: A Counter-Example **85**, 301 (1982)
- Bellissard, J., Lima, R., Testard, D.: A Metal-Insulator Transition for the Almost Mathieu Model **88**, 207 (1983)