

## Author Index to Volumes 101–110 (1985–1987)

### A

- Abdalla, E., Forger, M.: Integrable Non-Linear  $\sigma$  Models with Fermions **104**, 123 (1986)
- Abraham, D.B., Coninck, J. De: Yang – Lee Zeros of a Planar Ising Model with a Boundary Magnetic Field **108**, 13 (1987)
- Adler, S.L.: Quaternionic Quantum Field Theory **104**, 611 (1986)
- Aizenman, M., Newman, C.M.: Discontinuity of the Percolation Density in One Dimensional  $1/[x-y]^2$  Percolation Models **107**, 611 (1986)
- Aizenman, M., Barsky, D.J.: Sharpness of the Phase Transition in Percolation Models **108**, 489 (1987)
- Alicki, R., Fannes, M.: Dilations of Quantum Dynamical Semigroups with Classical Brownian Motion **108**, 353 (1987)
- Allen, B., Jacobson, T.: Vector Two-Point Functions in Maximally Symmetric Spaces **103**, 669 (1986)
- Allen, B., Lütken, C.A.: Spinor Two-Point Functions in Maximally Symmetric Spaces **106**, 201 (1986)
- Alligood, K.T., see Yorke, J.A. **101**, 305 (1985)
- Alström, P.: Map Dependence of the Fractal Dimension Deduced from Iterations of Circle Maps **104**, 581 (1986)
- Alvarez-Gaumé, L., Ginsparg, P.: Finiteness of Ricci Flat Supersymmetric Non-linear  $\sigma$ -Models **102**, 311 (1985)
- Alvarez-Gaumé, L., Coleman, S., Ginsparg, P.: Finiteness of Ricci Flat  $N = 2$  Supersymmetric  $\sigma$ -Models **103**, 423 (1986)
- Alvarez-Gaumé, L., Moore, G., Vafa, C.: Theta Functions, Modular Invariance, and Strings **106**, 1 (1986)
- Alvarez-Gaumé, L., see Della Pietra, S., et al. **109**, 691 (1987)
- Angelis, G.F.De, Falco, D. de, Genova, G.Di: Random Fields on Riemannian Manifolds: A Constructive Approach **103**, 297 (1986)
- Araki, H., Matsui T.: Ground States of the  $XY$ -Model **101**, 213 (1985)
- Araki, H.: Analyticity of Correlation Functions for the Two-Dimensional Ising Model **106**, 241 (1986)
- Arkeryd, L.: On the Boltzmann Equation in Unbounded Space far from Equilibrium, and the Limit of Zero Mean Free Path **105**, 205 (1986)
- Asano, K.: On Local Solutions of the Initial Value Problem for the Vlasov – Maxwell Equation **106**, 551 (1986)
- Atkinson, D., Stefanescu, I.S.: Truncation of Continuum Ambiguities in Phase-Shift Analysis **101**, 291 (1985)

- Avan, J., Vega, H.J. de: Instantons of Two-Dimensional Fermionic Effective Actions by Inverse Scattering Transformation **102**, 463 (1985)
- Avan, J.: The  $CP_{N-1}$   $1/N$ -Action by Inverse Scattering Transformation in Angular Momentum **106**, 289 (1986)
- Aviles, P.: Local Behavior of Solutions of Some Elliptic Equations **108**, 177 (1987)
- Avron, J.E., Seiler, R., Yaffe, L.G.: Adiabatic Theorems and Applications of the Quantum Hall Effect **110**, 33 (1987)

### B

- Bach, A., Lüxmann-Ellinghaus, U.: The Simplex Structure of the Classical States of the Quantum Harmonic Oscillator **107**, 553 (1986)
- Balaban, T.: Ultraviolet Stability of Three-Dimensional Lattice Pure Gauge Field Theories **102**, 255 (1985)
- Balaban, T.: The Variational Problem and Background Fields in Renormalization Group Method for Lattice Gauge Theories **102**, 277 (1985)
- Balaban, T.: Renormalization Group Approach to Lattice Gauge Field Theories. I. Generation of Effective Actions in a Small Field Approximation and a Coupling Constant Renormalization in Four Dimensions **109**, 249 (1987)
- Ball, J.M., Carr, J., Penrose, O.: The Becker-Döring Cluster Equations: Basic Properties and Asymptotic Behaviour of Solutions **104**, 657 (1986)
- Bao, D., Nair, V.P.: A Note on the Covariant Anomaly as an Equivariant Momentum Mapping **101**, 437 (1985)
- Barata, J.C.A., Wreszinski, W.F.: Absence of Charged States in the  $U(1)$  Higgs Lattice Gauge Theory **103**, 637 (1986)
- Bardos, C., see Sulem, P.L., et al. **107**, 431 (1986)
- Barsky, D.J., see Aizenman, M. **108**, 489 (1987)
- Battle, G., Federbush, P.: Ondelettes and Phase Cell Cluster Expansions, A Vindication **109**, 417 (1987)
- Battle, G.: A Block Spin Construction of Ondelettes. Part I: Lemarié Functions **110**, 601 (1987)
- Beale, J.T.: Large-Time Behavior of the Broadwell Model of a Discrete Velocity Gas **102**, 217 (1985)
- Beale, J.T.: Large-Time Behavior of Discrete Velocity Boltzmann Equations **106**, 659 (1986)
- Bechlivanidis, C., van Moerbeke, P.: The Goryachev-Chaplygin Top and the Toda Lattice **110**, 317 (1987)