Future Contributions to Journal of Statistical Physics

ARTICLES

Transfer Matrix Spectrum for the Finite-Width Ising Model with Adjustable **Boundary Conditions: Exact Solution** D. B. Abraham, L. F. Ko, and N. M. Švrakić Conformal Invariance and Perturbations in the Two-Dimensional Ising Model: Surface Defects Bertrand Berche and Loïc Turban Droplets in Two-Dimensional Ising and Potts Models Walter Selke Interface Sharpness in the Potts Model Jean Ruiz Three-Spin Correlation of the Ising Model on the Generalized Checkerboard Lattice K. Y. Lin Perturbation Expansion for a One-Dimensional Anderson Model with Off-**Diagonal** Disorder Anton Bovier Anderson Localization and Wave Absorption Didier Sornette A Generalization of the One-Dimensional δ -Function Bose Gas G. N. Ord and J. K. Percus Inhomogeneous Ising Model on a Multiconnected Network M. Q. Zhang and J. K. Percus Density Functional Theory of Homogeneous States Gerald L. Jones and Soon-Chul Kim Theory of Quantum Fluctuations and the Onsager Relations D. Goderis, A. Verbeure, and P. Vets Are There Realistically Interpretable Local Theories? B. d'Espagnat

561

- Vicious Random Walkers in the Limit of a Large Number of Walkers P. J. Forrester
- Computer Simulation of Driven Diffusive Systems with Exchanges Jian-Sheng Wang, Kurt Binder, and Joel L. Lebowitz
- Local H-Theorem for a Kinetic Variational Theory Jerzy Blawzdziewicz and George Stell
- Oscillatory Convention and Chaos in a Lorenz-Type Model of a Rotating Fluid

N. D. Stein

- A Stochastic Theory of Chemical Reaction Rates. I. Formalism Bernard Gaveau, James T. Hynes, Raymond Kapral, and Michel Moreau
- A Stochastic Theory of Chemical Reaction Rates. II. Applications Bernard Gaveau, James T. Hynes, Raymond Kapral, and Michel Moreau
- Linear Relaxation Times of Stochastic Processes Driven by Non-Gaussian Noises
 - J. Casademunt and J. M. Sancho
- Vasserstein Distances in Two-State Systems
 - A. B. Kirillov, D. C. Radulescu, and D. F. Styer
- A Fast Vectorized Multispin Coding Algorithm for 3D Monte Carlo Simulations Using Kawasaki Spin-Exchange Dynamics
 - M. Q. Zhang

SHORT COMMUNICATIONS

- Relaxation Monte Carlo for 3D Branched Polymers: The Leading Confluence Exponent
 - J. A. M. S. Duarte and Antonio M. R. Cadilhe
- Asymptotics of Decay of Correlations in the ANNNI Model at High Temperatures
 - R. A. Minlos and E. A. Zhizhina
- A Remark on Different Norms and Analyticity for Many-Particle Interactions A. C. D. van Enter and R. Fernández

DEPARTMENTS

Book Review: Random Fluctuations and Pattern Growth: Experiments and Models

David Weitz

- Book Reviews: Measures of Complexity and Chaos and Complexity Antonio Coniglio
- Program of the 61st Semiannual Statistical Mechanics Meeting