

## **Future Contributions to *Journal of Statistical Physics***

### *ARTICLES*

Equivalence of the Two Results for the Free Energy of the Chiral Potts Model

*R. J. Baxter*

Discontinuity of the Magnetization in Diluted  $O(n)$ -Models

*Lincoln Chayes, Senya B. Shlosman, and Valentin A. Zagrebnov*

Universal Amplitude Ratios in the Critical Two-Dimensional Ising Model on a Torus

*Jesús Salas and Alan D. Sokal*

Ground States of Lattice Gases with “Almost” Convex Repulsive Interactions

*Janusz Jędrzejewski and Jacek Miękiś*

A New Statistical Aspect of the Cluster Variation Method for Lattice Systems

*Hiromu Asada*

The Sixth-Moment Sum Rule for the Pair Correlations of the Two-Dimensional One-Component Plasma: Exact Result

*P. Kalinay, P. Markoš, L. Šamaj, and I. Travněnek*

The Upper Critical Dimension of the Abelian Sandpile Model

*V. B. Priezzhev*

Non-Hermitian Tridiagonal Random Matrices and Returns to the Origin of a Random Walk

*G. M. Cicuta, M. Contedini, and L. Molinari*

The Lifshitz Tail and Relaxation to Equilibrium in the One-Dimensional Ising Model

*Elena Zhizhina*

Lyapunov Instability for a Hard-Disk Fluid in Equilibrium and Non-equilibrium Thermostated by Deterministic Scattering

*Christoph Wagner*

On Some Properties of Kinetic and Hydrodynamic Equations for Inelastic Interactions

*A. V. Bobylev, J. A. Carrillo, and I. M. Gamba*

Hydrodynamic Lyapunov Modes in Translation-Invariant Systems

*Jean-Pierre Eckmann and Omri Gat*

Critical Behavior for Maximal Flows on the Cubic Lattice

*Yu Zhang*

Conductance and Statistical Properties of Chaotic and Integrable Electron Waveguides

*Gursoy B. Akguc and L. E. Reichl*

On the Convergence of the Boltzmann Equation for Semiconductors Toward the Energy Transport Model

*N. Ben Abdallah, L. Desvillettes, and S. Génieys*

Spinodal Decomposition for Multi-Component Cahn–Hilliard Systems

*Stanislaus Maier-Paape, Barbara Stoth, and Thomas Wanner*

Rigorous Estimates of the Tails of the Probability Distribution Function for the Random Linear Shear Model

*Jared C. Bronski and Richard M. McLaughlin*

Generalized Negative Binomial Distributions

*J. Betancort-Rijo*

Scaling Properties of an Inviscid Mean-Motion Fluid Model

*B. T. Nadiga*

Equivalence Between Canonical Gibbs Measures and Stationary Measures for Stochastic Lattice-Gas Model

*Hironobu Sakagawa*

Similarity of Percolation Thresholds on the HCP and FCC Lattices

*Christian D. Lorenz, Raechelle May, and Robert M. Ziff*