

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

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Adsorption of a Flexible Self-Avoiding Polymer Chain: Exact Results on Fractal Lattices

*Vladimir Bubanja, Milan Knežević, and Jean Vannimenus*

Directed Polymer Melts and Quantum Critical Phenomena

*Randall D. Kamien and David R. Nelson*

The Phase Transition of the Directed Polymer on Disordered Hierarchical Lattices

*M. S. Cao*

Asymmetric Abelian Sandpile Models

*Eugene R. Speer*

Partial Absorption and "Virtual" Traps

*E. Ben-Naim, S. Redner, and G. H. Weiss*

Time-Dependent Perturbation Theory for Nonequilibrium Lattice Models

*Iwan Jensen and Ronald Dickman*

A Renormalization Group Analysis of Turbulent Transport

*Chetan Nayak*

Kinetic Theory of Granular Shear Flow: Constitutive Relations for the Hard-Disk Model

*Sang Rak Kim and Leslie V. Woodcock*

Pair Interaction Lattice Gas Simulations: Flow Past Obstacles in Two and Three Dimensions

*Armin Vogeler and Dieter A. Wolf-Gladrow*

A BGK Model for Small Prandtl Number in the Navier–Stokes Approximation

*François Bouchut and Benoit Perthame*

The One-Dimensional Boltzmann Gas: The Ergodic Hypothesis and the Phase Portrait of Small Systems

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Diffusion in a One-Dimensional Gas of Hard Point Particles

*Julio F. Fernández and J. Marro*

Effective Diffusion in a Stochastic Velocity Field

*A. Careta, F. Sagués, L. Ramírez-Piscina, and J. M. Sancho*

Theory of Fast Arnold Diffusion in Many-Frequency Systems

*B. V. Chirikov and V. V. Vechev*

Kinetic Models of a Binary Alloy at Zero-Temperature

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Partition Function Zeros and the Three-Dimensional Ising Spin Glass

*Gyan Bhanot and Jan Lacki*

A New Monte Carlo Power Method for the Eigenvalue Problem of Transfer Matrices

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Analysis of the Critical Line Network for the van der Waals Equation at the van Laar Point

*Paul H. E. Meijer, A. H. M. Levelt and B. R. Miller*

Unusual Constraints in the Quantum Statistical Mechanics of Josephson Junction Systems

*Taner Edis*

Hadamard-Design and Artificial Neural Nets

*Karl E. Kürten and Norbert Klingens*

## DEPARTMENTS

Addendum

*N. I. Chernov*

Errata

*S. Kumar, S. K. Kurtz, J. R. Banavar, and M. G. Sharma*

Program of the 5th Midwest Thermodynamics Meeting, Hartland, Michigan

*Robert M. Ziff*

Statistical Physics at the 45th Parallel: 6th Annual Meeting