

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

### *ARTICLES*

Convergence of Mean-Field Approximations in Site Percolation and Application of CAM to  $d=1$  Further-Neighbors Percolation Problem

*Adam Lipowski and Masuo Suzuki*

Random-Random Walk on an Asymmetric Chain with a Trapping Attractive Center

*C. Aslangul, N. Pottier, P. Chvosta, D. Saint-James, and L. Skála*

Scaling Relationships for Anisotropic Random Walks

*A. H. Gandjbakhche, R. F. Bonner, and R. Nossal*

Critical Behavior in a Model of Correlated Percolation

*A. Patrascioiu and E. Seiler*

A Vortex Model with Superfluid and Turbulent Percolation

*Alexandre Joel Chorin*

Stability of Hierarchical Interfaces in a Random Field Model

*Anton Bovier and Christof Külske*

Ergodic and Statistical Properties of Piecewise Linear Hyperbolic Automorphisms of the 2-Torus

*N. I. Chernov*

Kinetics of Random Sequential Parking on a Line

*P. L. Krapivsky*

Random and Cooperative Sequential Adsorption on Infinite Ladders and Strips

*J. W. Evans and R. S. Nord*

On the Average Distance Between Particles in the Two-Dimensional Two-Component Plasma

*P. J. Forrester and B. Jancovici*

The Two-Dimensional Coulomb Gas on a Sphere: Exact Results

*P. J. Forrester, B. Jancovici, and J. Madore*

Fluctuation Effects in Models of Adiabatic Explosion

*Dong-Pao Chou, Thomas Lackner, and Sidney Yip*

The Kinetic Foundations of Extended Irreversible Thermodynamics  
Revisited

*R. M. Velasco and L. S. García-Colín*

Functional Integral and Effective Hamiltonian  $t$ - $J$ - $V$  Model of Strongly  
Correlated Electron System

*V. I. Belinicher and M. V. Chertkov*

Free Fermion Approximation for the Ising Model with Further-Neighbor  
Interactions on a Triangular Lattice

*A. Kooiman and J. M. J. van Leeuwen*

Analyticity of the Density of States in the Anderson Model on the Bethe  
Lattice

*Victor Acosta and Abel Klein*

The Boson Gas on a Cayley Tree

*M. van den Berg, T. C. Dorlas, and V. B. Priezzhev*

Phase Transitions and Algebra of Fluctuation Operators in an Exactly  
Soluble Model of a Quantum Anharmonic Crystal

*A. Verbeure and V. A. Zagrebnov*

A Numerical Study of Sparse Random Matrices

*S. N. Evangelou*

A Multineuron Interaction Model for Neural Networks

*J. J. Arenzon, R. M. C. de Almeida, and J. R. Iglesias*

On the Phase Space Approach to Complexity

*Hans C. Fogedby*

### SHORT COMMUNICATION

Improved Bounds for the Transition Temperature of Directed Polymers in  
a Finite-Dimensional Random Medium

*M. R. Evans and B. Derrida*

### DEPARTMENTS

Book Review: *Liquids, Freezing and Glass Transition*

*John Bendler*

Book Review: *From Perturbative to Constructive Renormalization*

*Giovanni Gallavotti*

Book Review: *Intersections of Random Walks*

*Neal Madras*