

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

### *ARTICLES*

Chiral Potts Model with Skewed Boundary Conditions

*R. J. Baxter*

Crystalline–Amorphous Interface Packings for Disks and Spheres

*Frank H. Stillinger and Boris D. Lubachevsky*

Explicit Inertial Range Renormalization Theory in a Model for Turbulent Diffusion

*Andrew J. Majda*

Motion by Curvature by Scaling Nonlocal Evolution Equations

*A. De Masi, E. Orlandi, E. Presutti, and L. Triolo*

Existence of Gaps in the Spectrum of Periodic Dielectric Structures on a Lattice

*A. Figotin*

Measuring Statistical Dependences in a Time Series

*Bernd Pompe*

Genome Mapping by Random Anchoring: A Discrete Theoretical Analysis

*M. Q. Zhang and T. G. Marr*

Tree-Based Models for Random Distribution of Mass

*David Aldous*

Analytical Approximations for the Hierarchically Constrained Kinetic Ising Chain

*S. Eisinger and J. Jäckle*

Asymptotic Upper Bound of Density for Two-Particle Annihilating Exclusion

*V. Belitsky*

Orthogonality between Scales and Wavelets in a Representation for Correlation Functions. The Lattice Dipole Gas and  $(\nabla\phi)^4$  Models

*Emmanuel Pereira and Michael O'Carroll*

Two Coupled Ising Planes: Phase Diagram and Interplanar Force  
*Per Lyngs Hansen, Jesper Lemmich, John Hjort Ipsen, and Ole G. Mouritsen*

#### SHORT COMMUNICATIONS

Fluctuations in Nonequilibrium Systems and Broken Supersymmetry  
*Michael F. Zimmer*

The Hausdorff Dimension of Random Walks and the Correlation Length  
 Critical Exponent in Euclidean Field Theory  
*Joe Kiskis, Rajamani Narayanan, and Pavlos Vranas*

The van Hemmen Spin Glass Revisited  
*T. Celik, U. H. E. Hansmann, and M. Katoot*

Simulating the Complex Behavior of a Leaky Faucet  
*P. M. C. de Oliveira and T. J. P. Penna*

#### DEPARTMENTS

Book Review: *Kinetic Theory and Irreversible Thermodynamics*  
*J. R. Dorfman*

Book Review: *Large Scale Dynamics of Interacting Particles*  
*Hermann Rost*

Book Review: *Chaos and Fractals: New Frontiers of Science*  
*Joan Adler*

Book Review: *Fractals for the Classroom, Parts I and II*  
*Joan Adler*