

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

- Lifshitz Tails and Long-Time Decay in Random Systems with Arbitrary Disorder  
*J. M. Luck and Th. M. Nieuwenhuizen*
- Simulation of Wetting and Drying at Solid–Fluid Interfaces on the Delft Molecular Dynamics Processor  
*J. H. Sikkenk, J. O. Indeku, J. M. J. van Leeuwen, E. O. Vossnack, and A. F. Bakker*
- A Study of Perfect Wetting for Potts and Blume–Capel Models with Correlation Inequalities  
*Joël De Coninck, Alain Messager, Salvador Miracle-Sole, and Jean Ruiz*
- On Two Correlation Inequalities for Potts Models  
*Roberto H. Schonmann*
- Interface Sharpness in the Ising Model with Long-Range Interaction  
*Azer Kerimov*
- Potts Model and Graph Theory  
*F. Y. Wu*
- Phase Diagrams of Lattice Systems with Residual Entropy  
*Christian Gruber and Andras Süto*
- On the Finite-Size Scaling Equation for the Spherical Model  
*Jordan G. Brankov and Nikolai S. Tonchev*
- Multiple Phase Transitions in the Generalized Curie–Weiss Model  
*Theodor Eisele and Richard S. Ellis*
- Distributions and Moments of Structural Properties for Percolation Clusters  
*Avidan U. Neumann and Shlomo Havlin*
- Multifractality in Elastic Percolation  
*Alex Hansen and Stéphane Roux*
- Rupture of Heterogenous Media in the Limit of Infinite Disorder  
*Stéphane Roux, Alex Hansen, Hans Herrmann, and Etienne Guyon*
- Growth and Decrescence of Two-Dimensional Crystals: A Markov Rate Process  
*D. J. Gates*
- Scaling Laws for All Liapunov Exponents: Models and Measurements  
*Ricardo Lima and Stefano Ruffo*
- The One-Site Distribution of Gibbs States on Bethe Lattice Are Probability Vectors of Period  $\leq 2$  for a Nonlinear Transformation  
*Eric Goles and Servet Martínez*
- A Measure of the Symmetry of Random Walks  
*George H. Weiss and Haim Weissman*

On the Scattering Function of Simple Fluids in Finite Systems

*M. Malek Mansour, A. L. Garcia, J. W. Turner, and M. Mareschal*

Acceleration Transforms and Statistical Kinetic Models

*M. J. LuValle, T. L. Welsheř, and K. Svoboda*

On the Boltzmann–Grad Limit for the Broadwell Model of the Boltzmann Equation

*Kôhei Uchiyama*

Wild's Solution of the Nonlinear Boltzmann Equation

*R. O. Barrachina*

Explicit Solutions of the Fokker–Planck Equation

*M. J. Englefield*

Ion Diffusion in a Coulombic Field

*Derek Y. C. Chan and Barry D. Hughes*

Mean Field Kinetic Theory of a Classical Electron Gas in a Periodic Potential. III. The High-Temperature Limit in Two Dimensions

*Angel Alastuey, Jean Clêrouin, and Jean-Pierre Hansen*

One-Dimensional Harmonic Lattice Caricature of Hydrodynamics: Second Approximation

*R. L. Dobrushin, A. Pellegrinotti, Yu. M. Suhov, and L. Triolo*

#### SHORT COMMUNICATIONS

Precise Calculation of the Dynamical Exponent of Two-Dimensional Percolation

*J.-M. Normand, H. J. Herrmann, and M. Hajjar*

Resistivity Exponent of Two-Dimensional Lattice Animals

*P. M. Lam and Alex Hansen*

Ground States of Two-Dimensional Quasicrystals

*S. E. Burkov*

Damage Spreading in a Gradient

*L. R. da Silva and H. J. Herrmann*

A Remark on the KAM Theorem Applied to a Four-Vortex System

*Alessandra Celletti and Corrado Falcolini*

Possible Generalization of Boltzmann–Gibbs Statistics

*Constantino Tsallis*

An Immune System Model in Discrete Time Based on the Analogy with the Central Nervous System

*K. E. Kürten*

Macroscopic Stochastic Fluctuations in a One-Dimensional Mechanical System

*Errico Presutti and W. David Wick*

Potts Ferromagnet: Transformations and Critical Exponents in Planar Hierarchical Lattices

*Paulo R. Hauser and Evaldo M. F. Curado*

Percolation Cluster Numbers

*Joan Adler and Amnon Aharony*

#### DEPARTMENTS

Book Review: The Fluctuating Enzyme

*Noam Agmon*

Book Review: Renormalization Group Theory of Macromolecules

*Fereydoon Family*