

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

### *ARTICLES*

The Percolation Transition in the Zero-Temperature Domany Model

*Federico Camia and Charles M. Newman*

Microscopic Calculation of the Dielectric Susceptibility Tensor for  
Coulomb Fluids II

*B. Jancovici and L. Šamaj*

On the Gibbs Phase Rule in the Pirogov–Sinai Regime

*A. Bovier, I. Merola, E. Presutti, and M. Zahradnik*

Surface Transitions of the Semi-Infinite Potts Model I: The High Bulk  
Temperature Regime

*C. Dobrowolny, L. Laanait, and J. Ruiz*

Systematic Finite-Sampling Inaccuracy in Free Energy Differences and  
Other Nonlinear Quantities

*Daniel M. Zuckerman and Thomas B. Woolf*

Ground State Entropy of  $\pm J$  Ising Lattices by Monte Carlo Simulations

*F. Romá, F. Nieto, E. E. Vogel, and A. J. Ramirez-Pastor*

Analytic Calculation of  $B_4$  for Hard Spheres in Even Dimensions

*N. Clisby and B. M. McCoy*

Negative Virial Coefficients and the Dominance of Loose Packed  
Diagrams for  $D$ -Dimensional Hard Spheres

*N. Clisby and B. M. McCoy*

The "Cameo Principle" and the Origin of Scale-Free Graphs in Social  
Networks

*Ph. Blanchard and T. Krüger*

Invasion and Extinction in the Mean Field Approximation for a Spatial Host-Pathogen Model

*M. A. M. de Aguiar, E. M. Rauch, and Y. Bar-Yam*

Asymptotic Properties of the Inelastic Kac Model

*Ada Pulvirenti and Giuseppe Toscani*

Existence and Convergence to Equilibrium of a Kinetic Model for Cometary Flows

*Klemens Fellner, Frederic Poupaud, and Christian Schmeiser*

The Effect of Finiteness in the Saffman–Taylor Viscous Fingering Problem

*Darren Crowdy and Saleh Tanveer*

Critical Behavior of the Kramers Escape Rate in Asymmetric Classical Field Theories

*D. L. Stein*

An Informational Characterization of Schrödinger's Uncertainty Relations

*Shunlong Luo and Zhengmin Zhang*

On the Noise-Induced Passage Through an Unstable Periodic orbit I: Two-Level Model

*Nils Berglund and Barbara Gentz*

A Counter-Example to the Theorem of Hiemer and Snurnikov

*Thierry Monteil*

### SHORT COMMUNICATIONS

On the Nonextensivity of the Long Range X-Y Model

*Raúl Toral*

### DEPARTMENTS

An Essay: *The Loewner Equation: Maps and Shapes*

*Ilya A. Gruzberg and Leo P. Kadanoff*

Book Review: *Large Theory and Applications of Long-Range Dependence*

*John P. Nolan*

Book Review: *Evolution of Networks. From Biological Nets to the Internet and WWW*

*Marian Boguñá*