

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

### *ARTICLES*

Exact Results for the Universal Area Distribution of Clusters in Percolation,  
Ising, and Potts Models

*John Cardy and Robert M. Ziff*

Self-Interactions of Strands and Sheets

*Jayanth R. Banavar, Oscar Gonzalez, John H. Maddocks, and Amos Maritan*

Quenched Large Deviation Principle for the Overlap of a  $p$ -Spins System

*Samy Tindel*

The Phase Transition in Statistical Models Defined on Farey Fractions

*Jan Fiala, Peter Kleban, and Ali Özlük*

Two Different Rapid Decorrelation in Time Limits for Turbulent Diffusion

*Peter R. Kramer*

Mean First-Passage Time in the Stochastic Theory of Biochemical Processes.  
Application to Actomyosin Molecular Motor

*M. Kurzyński and P. Chełminiak*

Metastability for a Stochastic Dynamics with a Parallel Heat Bath Updating  
Rule

*Emilio N. M. Cirillo and Francesca R. Nardi*

Fluctuation Dissipation Equation for Lattice Gas with Energy

*Yukio Nagahata*

Multiplicative Cellular Automata on Nilpotent Groups: Structure, Entropy,  
and Asymptotics

*Marcus Pivato*

Time-Reversal and Entropy

*Christian Maes and Karel Netočný*

Sharp Asymptotics for Fixation Times in Stochastic Population Genetics Models at Low Mutation Probabilities

*Alain Cercueil and Olivier François*

Self-Similar Asymptotics for the Boltzmann Equation with Inelastic and Elastic Interactions

*A. V. Bobylev and C. Cercignani*

Singular Limit of a  $p$ -Laplacian Reaction-Diffusion Equation with a Spatially Inhomogeneous Reaction Term

*Bendong Lou*

Long Paths and Cycles in Dynamical Graphs

*Tatyana S. Turova*

Analytic Equation of State of a Quasi One-Dimensional Model Lipid Monolayer

*Mitsuaki Ginoza and Moises Silbert*

Convergence in Energy-Lowering (Disordered) Stochastic Spin Systems

*Emilio De Santis and Charles M. Newman*

On AB Bond Percolation on the Square Lattice and AB Site Percolation on Its Line Graph

*Xian-Yuan Wu and S. Yu. Popov*

#### DEPARTMENTS

Intelligent Design and Complexity Research. An Essay and Book Review of the book: *No Free Lunch: Why Specified Complexity Cannot be Purchased without Intelligence*

*Leo P. Kadanoff*

Book Review: *Methods of Statistical Physics*

*Irwin Oppenheim*

Book Review: *Chaotic Transitions in Deterministic and Stochastic Dynamical Systems*

*Daniel ben-Avraham*