

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

### *ARTICLES*

The Genealogical Tree of a Chromosome

*B. Derrida and B. Jung-Muller*

An Equilibrium Lattice Model of Wetting on Rough Substrates

*C. Borgs, J. DeConinck, and R. Kotecký*

The Ising Model on a Quenched Ensemble of  $c = -5$  Gravity Graphs

*K. N. Anagnostopoulos, P. Bialas, and G. Thorleifsson*

On the Relation Between Orthogonal, Symplectic, and Unitary Matrix Ensembles

*Harold Widom*

A Quantum Crystal with Multidimensional Anharmonic Oscillators

*William G. Faris and Robert A. Minlos*

Non-Abelian Random Polygons: A New Model in Statistical Physics

*Wim Schoenmaker and Wim Magnus*

Nonmonotonic Behavior in Hard-Core and Widom–Rowlinson Models

*Graham R. Brightwell, Olle Häggström, and Peter Winkler*

Recurrence Times in Quasiperiodic Motion: Statistical Properties, Role of Cell Size, Parameter Dependence

*M. Theunissen, C. Nicolis, and G. Nicolis*

Persistent Random Walks in Stationary Environment

*S. Alili*

Some Properties of  $k$ -Step Exclusion Processes

*H. Guiol*

Decay of Correlations and Dispersing Billiards

*N. Chernov*

Fokker–Planck Equation, Molecular Friction, and Molecular Dynamics for Brownian Particle Transport near External Solid Surfaces

*Michael H. Peters*

Simulation of Stochastic Differential Equations Through the Local Linearization Method. A Comparative Study

*J. C. Jimenez, I. Shoji, and T. Ozaki*

On the Rate of Entropy Production for the Boltzmann Equation

*Alexander V. Bobylev and Carlo Cercignani*

Probability Metrics and Uniqueness of the Solution to the Boltzmann Equation for a Maxwell Gas

*G. Toscani and C. Villani*

Analytic Solutions for Asymmetric Model of a Rod in a Lattice Fluid

*Effat A. Saied and Reda G. Abd El-Rahman*

Hydrodynamic Limit of Brownian Particles Interacting with Short- and Long-Range Forces

*Paolo Buttà and Joel L. Lebowitz*

### *SHORT COMMUNICATIONS*

Simple Random Walks on Tori

*Ya. G. Sinai*

Equilibrium Pure States and Nonequilibrium Chaos

*C. M. Newman and D. L. Stein*