

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

### **ARTICLES**

The Raise and Peel Model of a Fluctuating Interface

*Jan de Gier, Bernard Nienhuis, Paul A. Pearce, and Vladimir Rittenberg*

Entropic Repulsion for Two Dimensional Multi-Layered Harmonic Crystals

*Hironobu Sakagawa*

Conformal Invariance and Stochastic Loewner Evolution Predictions for  
the 2D Self-Avoiding Walk—Monte Carlo Tests

*Tom Kennedy*

Phase Transition in Nearest-Neighbour Continuum Potts Model

*Etienne Bertin, Jean-Michel Billiot, Rémy Drouilhet*

Crossover between Mean-Field and Ising Critical Behavior in a Lattice-Gas  
Reaction-Diffusion Model

*Da-Jiang Liu, N. Pavlenko, and J. W. Evans*

Convergence of Passive Scalar Fields in Ornstein–Uhlenbeck Flows to  
Kraichnan’s Model

*Albert C. Fannjiang*

A Gibbs-Like Measure for Single-Time, Multi-Scale Energy Transfer in  
Stochastic Signals, and Shell Model of Turbulence

*Roberto Benzi, Luca Biferale, and Mauro Sbragaglia*

Ergodicity of the Finite Dimensional Approximation of the 3D Navier–  
Stokes Equations Forced by a Degenerate Noise

*Marco Romito*

Long-Time Dynamics of the Schrödinger–Poisson–Slater System

*Óscar Sánchez and Juan Soler*

An Open-System Approach for the Characterization of Spatio-Temporal Chaos

*P. Cipriani and A. Politi*

Dynamical Windings of Random Walks and Exclusion Models. Part I: Thermodynamic Limit in  $\mathbb{Z}^2$

*Guy Fayolle and Cyril Furtlehner*

Computation by Asynchronously Updating Cellular Automata

*Susumu Adachi, Ferdinand Peper, and Jia Lee*

Fractional Kinetics in Kac–Zwanzig Heat Bath Models

*Raz Kupferman*

General  $H$ -Theorem for Hard Spheres

*Adam Bednorz and Bogdan Cichocki*

Coherent and Dissipative Spin Dynamics in  $N$ -Electron Systems

*F. A. Reuse, V. de Coulon, and K. Maschke*

A Monte Carlo Sampling Scheme for the Ising Model

*Roland Häggkvist, Anders Rosengren, Daniel Andrén, Petras Kundrotas, Per Håkan Lundow, and Klas Markström*

The Virial Expansion of a Dilute Bose Gas in Two Dimensions

*Hai-cang Ren*

Numerical Integration of a Non-Markovian Langevin Equation with a Thermal Band-Passing Noise

*Jing-Dong Bao*

### SHORT COMMUNICATIONS

Strange Heat Flux in (An)Harmonic Networks

*J.-P. Eckmann and E. Zabey*

Markovian Solutions of Inviscid Burgers Equation

*Marie-Line Chabanol and Jean Duchon*