

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

### *ARTICLES*

From the Eden Model to the Kinetic Growth Walk: A Generalized  
Growth Model with a Finite Lifetime of Growth Sites

*Armin Bunde, Sasuke Miyazima, and H. Eugene Stanley*

Theory of Quantum Dynamics in a Fermionic Environment: An Influence  
Functional Approach

*Yong-cong Chen*

A Rigorous Control of Logarithmic Corrections in Four-Dimensional  $\varphi^4$   
Spin Systems. I. Trajectory of Effective Hamiltonians

*Takashi Hara*

A Rigorous Control of Logarithmic Corrections in Four-Dimensional  $\varphi^4$   
Spin Systems. II. Critical Behavior of Susceptibility and  
Correlation Length

*Takashi Hara and Hal Tasaki*

The Hausdorff Dimension of Some Fractals and Attractors of Overlapping  
Construction

*K. J. Falconer*

On the Dynamics of Simple Hierarchical Systems

*T. A. Vilgis*

On the Relaxation Time of Gauss's Continued-Fraction Map I. The  
Hilbert Space Approach (Koopmanism)

*D. Mayer and G. Roepstorff*

Probability Distributions for Percolation Clusters Generated on a Cayley  
Tree at Criticality

*S. Havlin, J. E. Kiefer, F. Leyvraz, and G. H. Weiss*

Infinite Divisibility of a Bethe Lattice Ising Model

*Clemens Glaffig and Ed Waymire*

Determination of the Friction Coefficient via the Force Autocorrelation Function. A Molecular Dynamics Investigation for a Dense Lennard–Jones Fluid

*R. Vogelsang and C. Hoheisel*

Numerical Integration of the Fluctuating Hydrodynamic Equations

*Alejandro L. Garcia, M. Malek Mansour, George C. Lie, and Enrico Clementi*

Time-Dependent Correlations for a One-Component Plasma in a Uniform Magnetic Field

*B. Jancovici, N. Macris, and Ph. A. Martin*

Metastable States in Homogeneous Ising Models

*M. Achilles, J. Bendisch, and H. von Trotha*

Hydrodynamic Equations for Attractive Particle Systems on  $\mathbb{Z}$

*Enrique Daniel Andjel and Maria Eulália Vares*

#### DEPARTMENTS

Book Review: Markov Processes, Characterization and Convergence

*Robert J. Adler*

Book Review: Noise in Physical Systems and  $1/f$  Noise

*Frank Moss*

Erratum