

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

### *ARTICLES*

Amplitude Equation for Lattice Maps, A Renormalization Group Approach

*P. Collet*

Spectral Analysis of Stochastic Phase Lockings and Stochastic Bifurcations  
in the Sinusoidally Forced van der Pol Oscillator with Additive  
Noise

*Shinji Doi, Junko Inoue, and Sadatoshi Kumagai*

Solutions to the Boltzmann Equation in the Boussinesq Regime

*R. Esposito, R. Marra, and J. L. Lebowitz*

A Diffusion Equation from the Relativistic Ornstein–Uhlenbeck Process

*F. Debbasch and J. P. Rivet*

Transport Properties of Kicked and Quasiperiodic Hamiltonians

*S. De Bièvre and G. Forni*

Expectation Values of Observables in Time-Dependent Quantum Mechanics

*J. M. Barbaroux and A. Joye*

Traffic Flow Models Considering an Internal Degree of Freedom

*Christoph Wagner*

Dynamical Behavior of the Multibondic and Multicanonic Algorithm in  
the 3D  $q$ -State Potts Model

*Malcolm S. Carroll, Wolfhard Janke, and Stefan Kappler*

The Constants in the Central Limit Theorem for the One-Dimensional  
Edwards Model

*Remco van der Hofstad*

Two-Dimensional Oriented Self-Avoiding Walks with Parallel Contacts

*G. G. Barkema, U. Bastolla, and P. Grassberger*

Segment Motion in the Reptation Model of Polymer Dynamics. I.  
Analytical Investigation

*U. Ebert, L. Schäfer, and A. Baumgärtner*

Segment Motion in the Reptation Model of Polymer Dynamics. II.  
Simulations

*A. Baumgärtner, U. Ebert, and L. Schäfer*

Segment Motion in the Reptation Model of Polymer Dynamics. II.  
Simulations

*A. Baumgärtner, U. Ebert, and L. Schäfer*

Nucleation, Growth, and Scaling in Slow Combustion

*Mikko Karttunen, Nikolas Provatas, Tapio Ala-Nissila, and Martin Grant*

The Computer Simulation of Nonequilibrium Growth of Crystal in a Two-  
Dimensional Medium with a Phase-Separating Impurity

*L. M. Martiouchev, V. D. Seleznev, and S. A. Skopinov*

The Triangle Condition for Contact Processes on Homogeneous Trees

*Roberto H. Schonmann*

Nonperiodic Long-Range Order for Fast-Decaying Interactions at Positive  
Temperatures

*Aernout C. D. van Enter, Jacek Miękisz, and Milos Zahradnik*

A Factorization of Determinant Related to Some Random Matrices

*Tomoyuki Shirai*

A High-Order Accurate Algorithm for Electrostatics of Overlapping Disks

*Johan Helsing*

#### SHORT COMMUNICATIONS

An Extension of the Analytical Solution of the Ornstein-Zernike Equation  
with Yukawa Closure

*Mitsuaki Ginoza and M. Yasutomi*

Nonequilibrium Measurements of Free Energy Differences for Micro-  
scopically Reversible Markovian Systems

*Gavin E. Crooks*

#### DEPARTMENTS

Long-Ranged Correlations in Bounded Nonequilibrium Fluids

*Alejandro L. Garcia, G. Sonnino, and M. Malek Mansour*

Book Review: *The Art of Molecular Dynamics Simulation*

*Rudolf Podgornik*

Book Review: *Quantum Inverse Scattering Method and Correlation Functions*

*Subir Sachdev*

Micro, Macro, Meta A Workshop to Welcome Joel Lebowitz