

Future Contributions to *Journal of Statistical Physics*

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Scaling, Optimality and Landscape Evolution

*Jayanth R. Banavar, Francesca Colaiori, Alessandro Flammini,
Amos Maritan, and Andrea Rinaldo*

Classification of Multiscaling in Fracture and Fragmentation

A. Bershadskii and Emily S. C. Ching

The Spectral Gap of the 2-D Stochastic Ising Model with Nearly Single-Spin Boundary Conditions

Kenneth S. Alexander

The Spectral Gap of the 2-D Stochastic Ising Model with Mixed Boundary Conditions

Kenneth S. Alexander and Nobuo Yoshida

Mean-Field Critical Behavior for the Contact Process

Akira Sakai

Entropy and Random Vectors

Oliver Johnson and Yurii Suhov

Long-Distance Transmission at Zero Dispersion: Exact Expressions for One-Time Statistical Properties

R. Blanco and L. Pesquera

The Discrete Coagulation Equations with Collisional Breakage

Philippe Laurençot and Dariusz Wrzosek

Continuum Theory of Epitaxial Crystal Growth, I

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Rigorous Derivation and Analysis of Coupling of Kinetic Equations and Their Hydrodynamic Limits for a Simplified Boltzmann Model

M. D. Tidriri

An Alternative Model to Boundary Layers Correctors in Transport Theory and Radiative Transfer: Existence Theory, Positivity, Asymptotic Analysis, and Approximations

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Some Solutions of the Boltzmann Equation without Angular Cutoff

Radjesvarane Alexandre

A Markov Process Associated with a Boltzmann Equation without Cutoff and for Non-Maxwell Molecules

Nicolas Fournier and Sylvie Méléard

From the Von-Neumann Equation to the Quantum Boltzmann Equation in a Deterministic Framework

F. Castella

Quantum Projector Method on Curved Manifolds

V. Melik-Alaverdian, G. Ortiz, and N. E. Bonesteel

A Strict Inequality for the Random Triangle Model

Olle Häggström and Tatyana Turova

DEPARTMENTS

Book Review: An Introduction to Chaos in Nonequilibrium Statistical Mechanics

Rudi Podgornik

