Future Contributions to Journal of Statistical Physics

ARTICLES

Energy Profile Fluctuations in Dissipative Nonequilibrium Stationary States

Jean Farago

On Mobility and Einstein Relation for Tracers in Time-Mixing Random Environments

Tomasz Komorowski and Stefano Olla

A Family of Balance Relations for the Two-Dimensional Navier–Stokes Equations with Random Forcing Sergei Kuksin and Oliver Penrose

Large Deviation Approach to the Randomly Forced Navier– Stokes Equation

R. Collina, R. Livi and A. Mazzino

Increase and Decrease of the Effective Conductivity of Two Phase Composites due to Polydispersity

L. Berlyand and V. Mitlyushev

Current Distribution and Random Matrix Ensembles for an Integrable Asymmetric Fragmentation Process

A. Rákos and G. M. Schütz

Polymer Transport in Random Flow

A. Celani, S. Musacchio and D. Vincenzi

Chains with Complete Connections: General Theory, Uniqueness, Loss of Memory and Mixing Properties

Roberto Fernández and Grégory Maillard

Roberto Fernandez and Gregory Matitara

Invariant Measures and Convergence Properties for Cellular Automaton 184 and Related Processes

Vladimir Belitsky and Pablo A. Ferrari

370 Future Contributions

Quantum Energy-Transport and Drift-Diffusion Models Pierre Degond, Florian Méhats and Christian Ringhofer

Profile and Width of Rough Interfaces

Melani Müller and Gernot Münster

Interfaces of Ground States in Ising Models with Periodic Coefficients

Luis A. Caffarelli and Rafael de la Llave

Continuum Percolation with Unreliable and Spread-Out Connections

Massimo Franceschetti, Lorna Booth, Matthew Cook, Ronald Meester and Jehoshua Bruck

General Considerations on the Finite-Size Corrections for Coulomb Systems in the Debye–Hückel Regime Aldemar Torres and Gabriel Téllez

Sine-Gordon/Coulomb Gas Soliton Correlation Functions and an Exact Evaluation of the Kosterlitz–Thouless Critical Exponent

Leonardo Mondaini and E. C. Marino

On the Positivity of the Coefficients of a Certain Polynomial Defined by Two Positive Definite Matrices Christopher J. Hillar and Charles R. Johnson

BOOK REVIEW

How Fluids Unmix: Discoveries by the School of Van der Waals and Kamerlingh Onnes, J. Levett-Sengers

L. S. García-Colin