

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

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*Martin P. Gelfand, Rajiv R. P. Singh, and David Huse*

On the Connection Between the One-Dimensional  $S=1/2$  Heisenberg Chain and Haldane-Shastry Models

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A Complementary Thermodynamic Limit for Classical Coulomb Matter

*Michael K.-H. Kiessling*

Low-Viscosity Lattice Gases

*B. Dubrulle, U. Frisch, M. Hénon, and J.-P. Rivet*

Tracer Diffusion in Lattice Gases

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Diffusion and Einstein Relation for a Massive Particle in a One-Dimensional Free Gas: Numerical Evidence

*C. Boldrighini, G. C. Cosimi, and S. Frigio*

On a One-Dimensional Model for the Three-Dimensional Vorticity Equation

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Renormalization of Binary Trees Derived from One-Dimensional Unimodal Maps

*Yuzhen Ge, Edmond Rusjan, and Paul Zweifel*

A Theorem on the First Heteroclinic Tangency in Two-Dimensional Maps. Orientation-Preserving Cases

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*A. Chennaoui, J. Liebler, and H. G. Schuster*

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Hard-Hexagon Model: Anisotropy of Correlation Length and Interfacial Tension

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*François Dunlop, Lahouissine Laanait, Alain Messenger, Salvador Miracle-Sole, and Jean Ruiz*

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*M. Fukugita, H. Mino, M. Okawa, and A. Ukawa*

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The Magnetization-Energy Scaling Limit in High Dimension

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On Equivalence of Spin and Field Pictures of Lattice Systems

*Boguslaw Zegarlinski*

Infinite-Order Phase Transition in a Classical Spin System

*O. Costin, R. D. Coston, and C. P. Grünfeld*

Bringing Statistical Mechanics into Chemistry: The Early Scientific Work of Karl F. Herzfeld

*Karen E. Johnson*

#### SHORT COMMUNICATIONS

Longest Path in Percolating Hierarchical Lattice

*P. Sen and P. Ray*

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*A. K. Roy and A. Blumen*

Ergodic Properties of the Multidimensional Rayleigh Gas with a Semi-permeable Barrier

*L. Erdős and D. Q. Tuyen*