

CONTENTS - *Continued*

PHYSICAL REVIEW E

THIRD SERIES, VOLUME 62, NUMBER 2

AUGUST 2000

Classical physics, including nonlinear media

Undulated blistering during thin film delamination	R1501
Philippe Peyla	
Azimuthal instability of spinning spatiotemporal solitons	R1505
D. Mihalache, D. Mazilu, L.-C. Crasovan, B. A. Malomed, and F. Lederer	

ARTICLES

General methods of statistical physics

Damped stochastic system driven by colored noise: Analytical solution by a path integral approach	1509
Chitralkha Mahanta and T. G. Venkatesh	
Bound states in the transfer matrix spectrum for general lattice ferromagnetic spin systems at high temperature	1521
Ricardo S. Schor and Michael O'Carroll	
Distribution of the determinant of a random real-symmetric matrix from the Gaussian orthogonal ensemble	1526
R. Delannay and G. Le Caër	
Recursive graphical construction of Feynman diagrams and their multiplicities in ϕ^4 and ϕ^2A theory	1537
Hagen Kleinert, Axel Pelster, Boris Kastening, and Michael Bachmann	
Dynamics of structural models with a long-range interaction: Glassy versus nonglassy behavior	1560
V. G. Rostiashvili and T. A. Vilgis	
Statistical physics of regular low-density parity-check error-correcting codes	1577
Tatsuto Murayama, Yoshiyuki Kabashima, David Saad, and Renato Vicente	
Equilibrium and dynamical properties of the axial next-nearest-neighbor Ising chain at the multiphase point	1592
Abhishek Dhar, B. Sriram Shastry, and Chandan Dasgupta	
Ordering dynamics of Heisenberg spins with torque: Crossover, spin waves, and defects	1601
Jayajit Das and Madan Rao	
Scale-dependent dimension in the forest fire model	1613
Kan Chen and Per Bak	
Learning and generation of long-range correlated sequences	1617
A. Priel and I. Kanter	
Distributions and size scalings for strength in a one-dimensional random lattice with load redistribution to nearest and next-nearest neighbors	1622
S. Leigh Phoenix and Irene J. Beyerlein	
Short-range particle correlations in a dilute Bose gas	1646
A. Yu. Cherny and A. A. Shanenko	
Largest cluster in subcritical percolation	1660
Martin Z. Bazant	
Elastic behavior in a supercooled liquid: Analysis of viscoelasticity using an extended mode coupling model	1670
Shankar P. Das	
Class of integrable diffusion-reaction processes	1674
M. Alimohammadi and N. Ahmadi	
Nonlinear Dirac and diffusion equations in 1+1 dimensions from stochastic considerations	1683
K. Maharana	
Amorphous thin film growth: Minimal deposition equation	1691
Martin Raible, Stefan J. Linz, and Peter Hänggi	
Conformal dynamics of fractal growth patterns without randomness	1706
Benny Davidovitch, M. J. Feigenbaum, H. G. E. Hentschel, and Itamar Procaccia	
Interface dynamics from experimental data	1716
Achille Giacometti and Maurice Rossi	

(Continued)