

PHYSICAL REVIEW E

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 1539-3755)

PERIODICALS
Postmaster send address changes to:
APS Subscription Services
Suite 1N01
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 77, NUMBER 4

CONTENTS

APRIL 2008

PART 2: NONLINEAR AND PLASMA PHYSICS, FLUID DYNAMICS, AND RELATED TOPICS

RAPID COMMUNICATIONS

Interdisciplinary physics

- Self-affine fractals embedded in spectra of complex networks (*4 pages*) 045101(R)
Huijie Yang, Chuanyang Yin, Guimei Zhu, and Baowen Li
- Analytical results for stochastically growing networks: Connection to the zero-range process (*4 pages*) 045102(R)
P. K. Mohanty and Sarika Jalan

Chaos and pattern formation

- Scarring in open quantum systems (*4 pages*) 045201(R)
Diego Wisniacki and Gabriel G. Carlo
- Hidden order in crackling noise during peeling of an adhesive tape (*4 pages*) 045202(R)
Jagadish Kumar, M. Ciccotti, and G. Ananthakrishna

Plasma physics

- Rank-ordered multifractal spectrum for intermittent fluctuations (*4 pages*) 045401(R)
Tom Chang and Cheng-chin Wu
- Density measurement of low-*Z* shocked material from monochromatic x-ray two-dimensional images
(*4 pages*) 045402(R)
A. Benuzzi-Mounaix, B. Loupiau, M. Koenig, A. Ravasio, N. Ozaki, M. Rabec le Gloahec, T. Vinci,
Y. Aglitskiy, A. Faenov, T. Pikuz, and T. Boehly

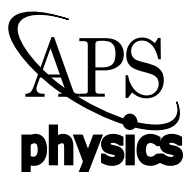
Classical physics

- Drift instability and tunneling of lattice solitons (*4 pages*) 045601(R)
Y. Sivan, G. Fibich, and B. Ilan

ARTICLES

Interdisciplinary physics

- Higher-order distributions and nongrowing complex networks without multiple connections (*11 pages*) 046101
Tomas Hruz, Michal Natora, and Madhuresh Agrawal



Copyright 2008 by The American Physical Society

(Continued)



1539-3755(200804)77:4;2;1-A