PHYSICAL REVIEW E THIRD SERIES, VOLUME 84, NUMBER 4 OCTOBER 2011

Hydrophobic interactions in the formation of secondary structures in small peptides *(9 pages)* 041931
Cristiano L. Dias, Mikko Karttunen, and Hue Sun Chan

Accumulation of swimming bacteria near a solid surface *(8 pages)* 041932
Guanglai Li, James Bensson, Liana Nisimova, Daniel Munger, Panrapee Mahautmr, Jay X. Tang, Martin R. Maxey, and Yves V. Brun

Effects of solvents on the intrinsic propensity of peptide backbone conformations *(9 pages)* 041933
Wenfei Li, Meng Qin, Zuoxiu Tie, and Wei Wang

Coarse-grained model for protein folding based on structural profiles *(7 pages)* 041934
Katrin Wolff, Michele Vendruscolo, and Markus Porto

Denaturation of circular DNA: Supercoil mechanism *(8 pages)* 041935
Amir Bar, Alkan Kabakçıoğlu, and David Mukamel

Rendezvous effects in the diffusion process on bipartite metapopulation networks *(8 pages)* 041936
Lang Cao, Xun Li, Bing Wang, and Kazuyuki Aihara

BRIEF REPORTS

Statistical physics

Analytical pair correlations in ideal quantum gases: Temperature-dependent bunching and antibunching *(4 pages)* 042101
J. Bosse, K. N. Pathak, and G. S. Singh

Shear-flow-enhanced barrier crossing *(4 pages)* 042102
Diego Kienle, Jochen Bammert, and Walter Zimmermann

Granular materials

Packing fraction of geometric random packings of discretely sized particles *(3 pages)* 042301
H. J. H. Brouwers

Structured and complex fluids

Comparing dynamic correlation lengths from an approximation to the four-point dynamic susceptibility and from the picosecond vibrational dynamics *(4 pages)* 042501
D. Fragiadakis, R. Casalini, and C. M. Roland

Biological physics

Geometry of twist transport in a rotating elastic rod *(4 pages)* 042901
Hirofumi Wada

Intermittency as a universal characteristic of the complete chromosome DNA sequences of eukaryotes: From protozoa to human genomes *(5 pages)* 042902
S. Rybalko, S. Larionov, M. Poptsova, and A. Loskutov

Theory of microbe motion in a poisoned environment *(4 pages)* 042903
Christian Hoell and Hartmut Löwen

PHYSICAL REVIEW E **THIRD SERIES, VOLUME 84, NUMBER 4** **OCTOBER 2011**

Substrate suppression of thermal roughness in stacked supported bilayers *(5 pages)* 041914
Curt M. DeCaro, Justin D. Berry, Laurence B. Lurio, Yicong Ma, Gang Chen, Sunil Sinha, Lobat Tayebi, Atul N. Parikh, Zhang Jiang, and Alec R. Sandy

Molecular motors in conservative and dissipative regimes *(7 pages)* 041915
R. Perez-Carrasco and J. M. Sancho

Self-similar dynamics of morphogen gradients *(4 pages)* 041916
Cyrill B. Muratov, Peter V. Gordon, and Stanislav Y. Shvartsman

Wavelength-modulated differential photothermal radiometry: Theory and experimental applications to glucose detection in water *(14 pages)* 041917
Andreas Mandelis and Xinxin Guo

Questing for an optimal, universal viral agent for oncolytic virotherapy *(10 pages)* 041918
L. R. Paiva, M. L. Martins, and S. C. Ferreira

Firing statistics and correlations in spiking neurons: A level-crossing approach *(12 pages)* 041919
Laurent Badel

Unfolding proteins with an atomic force microscope: Force-fluctuation-induced nonexponential kinetics *(5 pages)* 041920
Maxime Clusel and Eric I. Corwin

Simple models for quorum sensing: Nonlinear dynamical analysis *(12 pages)* 041921
Wei-Yin Chiang, Yue-Xian Li, and Pik-Yin Lai

Cellular-automaton model of the cooperative dynamics of RNA polymerase II during transcription in human cells *(15 pages)* 041922
Yoshihiro Ohta, Tatsuhiko Kodama, and Sigeo Ihara

Modeling parr-mark pattern formation during the early development of Amago trout *(13 pages)* 041923
Chandrasekhar Venkataraman, Toshio Sekimura, Eamonn A. Gaffney, Philip K. Maini, and Anotida Madzvamuse

Modeling a self-propelled autochemotactic walker *(11 pages)* 041924
Johannes Taktikos, Vasily Zaburdaev, and Holger Stark

Nonextensivity and self-affinity in the mammalian neuromuscular junction *(6 pages)* 041925
A. J. da Silva, R. F. Lima, and M. A. Moret

Exciton transfer dynamics and quantumness of energy transfer in the Fenna-Matthews-Olson complex *(6 pages)* 041926
P. Nalbach, D. Braun, and M. Thorwart

Model-based control of cardiac alternans in Purkinje fibers *(12 pages)* 041927
Alejandro Garzón, Roman O. Grigoriev, and Flavio H. Fenton

Different mechanics of snap-trapping in the two closely related carnivorous plants *Dionaea muscipula* and *Aldrovanda vesiculosa (7 pages)* 041928
Simon Poppinga and Marc Joyeux

Symmetries, stability, and control in nonlinear systems and networks *(15 pages)* 041929
Giovanni Russo and Jean-Jacques E. Slotine

Dynamical properties of the hydration shell of fully deuterated myoglobin *(6 pages)* 041930
Klaus Achterhold, Andreas Ostermann, Martine Moulin, Michael Haertlein, Tobias Unruh, and Fritz G. Parak

(Continued)

PHYSICAL REVIEW E THIRD SERIES, VOLUME 84, NUMBER 4 OCTOBER 2011

Glass transition dynamics of stacked thin polymer films *(9 pages)* 041808
Koji Fukao, Takehide Terasawa, Yuto Oda, Kenji Nakamura, and Daisuke Tahara

Coil-bridge transition and Monte Carlo simulation of a stretched polymer *(9 pages)* 041809
Jeff Z. Y. Chen

Orientational ordering transitions of semiflexible polymers in thin films: A Monte Carlo simulation *(15 pages)* . . . 041810
V. A. Ivanov, A. S. Rodionova, E. A. An, J. A. Martemyanova, M. R. Stukan, M. Müller, W. Paul, and K. Binder

Biological physics

Bidirectional motion of motor assemblies and the weak-noise escape problem *(11 pages)* 041901
T. Guérin, J. Prost, and J.-F. Joanny

Measurement of infinitesimal phase response curves from noisy real neurons *(7 pages)* 041902
Keisuke Ota, Toshiaki Omori, Shigeo Watanabe, Hiroyoshi Miyakawa, Masato Okada, and Toru Aonishi

Effect of local thermal fluctuations on folding kinetics: A study from the perspective of nonextensive statistical mechanics *(10 pages)* 041903
J. P. Dal Molin, M. A. A. da Silva, and A. Caliri

Onset of negative interspike interval correlations in adapting neurons *(10 pages)* 041904
Eugenio Urdapilleta

Influence of stochastic domain growth on pattern nucleation for diffusive systems with internal noise *(13 pages)* 041905
Thomas E. Woolley, Ruth E. Baker, Eamonn A. Gaffney, and Philip K. Maini

Complexity of vesicle microcirculation *(5 pages)* 041906
B. Kaoui, N. Tahiri, T. Biben, H. Ez-Zahraouy, A. Benyoussef, G. Biros, and C. Misbah

Shock detection in dynamics of single-headed motor proteins KIF1A via Jensen-Shannon divergence *(8 pages)* 041907
J. Sparacino, P. W. Lamberti, and C. M. Arizmendi

Dynamic response of micropipettes during piezo-assisted intracytoplasmic sperm injection *(9 pages)* 041908
Mehdi Karzar-Jeddi, Nejat Olgac, and Tai-Hsi Fan

Generalized theory for current-source-density analysis in brain tissue *(15 pages)* 041909
Claude Bédard and Alain Destexhe

Bistability of bursting and silence regimes in a model of a leech heart interneuron *(8 pages)* 041910
Tatiana Malashchenko, Andrey Shilnikov, and Gennady Cymbalyuk

Light diffusion in a radially N-layered cylinder *(6 pages)* 041911
André Liemert and Alwin Kienle

Translocation properties of copolymer $(A_n B_m)_l$ through an interacting pore *(8 pages)* 041912
Li-Zhen Sun, Wei-Ping Cao, and Meng-Bo Luo

Rapid thermal equilibration of differentially heated protein and water in bovine corneal stroma *(7 pages)* 041913
George Alexander Marcus and H. Alan Schwettman

(Continued)

PHYSICAL REVIEW E THIRD SERIES, VOLUME 84, NUMBER 4 OCTOBER 2011

Liquid crystals

Two transitions between isotropic and nematic phases in confined liquid crystals *(4 pages)* 041701
Alexander V. Emelyanenko, Satoshi Aya, Yuji Sasaki, Fumito Araoka, Kenji Ema, Ken Ishikawa, and Hideo Takezoe

Director-density coupling theory of the acousto-optic effect in nematic liquid crystals *(8 pages)* 041702
Caio Sátiro and Carlindo Vitoriano

Maier-Saupe-type theory of ferroelectric nanoparticles in nematic liquid crystals *(7 pages)* 041703
Lena M. Lopatina and Jonathan V. Selinger

Dynamics in the smectic phase of stiff viral rods *(6 pages)* 041704
Emilie Pouget, Eric Grelet, and M. Paul Lettinga

Computer simulations of the ordering in a hybrid cylindrical film of nematic liquid crystals *(7 pages)* 041705
C. Chiccoli, P. Pasini, R. Teixeira de Souza, L. R. Evangelista, and C. Zannoni

Modeling the helical flexoelectro-optic effect *(12 pages)* 041706
D. R. Corbett and S. J. Elston

Nematic-nematic phase transition in the liquid crystal dimer CBC9CB and its mixtures with 5CB: A high-resolution adiabatic scanning calorimetric study *(7 pages)* 041707
Chandra Shekhar Pati Tripathi, Patricia Losada-Pérez, Christ Glorieux, Alexandra Kohlmeier, Maria-Gabriela Tamba, Georg H. Mehl, and Jan Leys

Microscopic and macroscopic theories for the dynamics of polar liquid crystals *(9 pages)* 041708
Raphael Wittkowski, Hartmut Löwen, and Helmut R. Brand

Polymers

Thermodynamic treatment of polymer thin-film glasses *(6 pages)* 041801
Ronald P. White and Jane E. G. Lipson

Polymer-induced entropic depletion potential *(4 pages)* 041802
Xue-Zheng Cao, Holger Merlitz, Chen-Xu Wu, and Jens-Uwe Sommer

Dependence of the disorder-lamellar stability boundary of a melt of asymmetric wormlike AB diblock copolymers on the chain rigidity *(10 pages)* 041803
Ying Jiang, Wu-Yang Zhang, and Jeff Z. Y. Chen

Theory of the polyelectrolyte dielectric function *(13 pages)* 041804
C.-Y. David Lu

Viscosity measurements of thin polymer films from reflow of spatially modulated nanoimprinted patterns *(7 pages)* 041805
Etienne Rognin, Stefan Landis, and Laurent Davoust

Polymer dynamics in semidilute solution during electrospinning: A simple model and experimental observations *(9 pages)* 041806
Israel Greenfeld, Arkadii Arinstein, Kamel Fezzaa, Miriam H. Rafailovich, and Eyal Zussman

Self-assembly of (A-comb-C)-b-(B-comb-C) diblock copolymer-based comb copolymers *(14 pages)* 041807
V. Markov, A. Subbotin, and G. ten Brinke

(Continued)

PHYSICAL REVIEW E **THIRD SERIES, VOLUME 84, NUMBER 4** **OCTOBER 2011**

Jamming phase diagram for frictional particles *(10 pages)* 041308
Massimo Pica Ciamarra, Raffaele Pastore, Mario Nicodemi, and Antonio Coniglio

Maximally random jammed packings of Platonic solids: Hyperuniform long-range correlations and isostaticity *(7 pages)* 041309
Yang Jiao and Salvatore Torquato

Laws of granular solids: Geometry and topology *(9 pages)* 041310
Eric DeGiuli and Jim McElwaine

Morphology and dynamics of craterlike structures created by recoiling elongated particles *(6 pages)* 041311
M. Engelsberg, R. E. de Souza, and S. L. Campello

Colloidal dispersions, suspensions, and aggregates

Wigner-crystal formulation of strong-coupling theory for counterions near planar charged interfaces *(17 pages)* 041401
Ladislav Šamaj and Emmanuel Trizac

Ice-lens formation and geometrical supercooling in soils and other colloidal materials *(12 pages)* 041402
Robert W. Style, Stephen S. L. Peppin, Alan C. F. Cocks, and J. S. Wettlaufer

Single-particle diffusion in dense inhomogeneous colloid suspensions in ribbon channels *(7 pages)* 041403
Emily Wonder, Binhua Lin, and Stuart A. Rice

Rheology of attractive emulsions *(6 pages)* 041404
Sujit S. Datta, Dustin D. Gerrard, Travers S. Rhodes, Thomas G. Mason, and David A. Weitz

Hydrodynamic stress on small colloidal aggregates in shear flow using Stokesian dynamics *(11 pages)* 041405
Ryohei Seto, Robert Botet, and Heiko Briesen

Films, interfaces, and crystal growth

Langmuir-Blodgett deposition selects carboxylate headgroup coordination *(7 pages)* 041601
Smita Mukherjee and Alokmay Datta

Predrying transition on a hydrophobic surface: Statics and dynamics *(14 pages)* 041602
Ryohei Teshigawara and Akira Onuki

Phase transitions in thin films with competing surface fields and gradients *(8 pages)* 041603
Lijun Pang, D. P. Landau, and K. Binder

Quantitative investigation of cellular growth in directional solidification by phase-field simulation *(11 pages)* 041604
Zhijun Wang, Jincheng Wang, Junjie Li, Gencang Yang, and Yaohe Zhou

Critical Casimir forces for Ising films with variable boundary fields *(12 pages)* 041605
O. Vasilyev, A. Maciołek, and S. Dietrich

Rupture of thin liquid films on structured surfaces *(7 pages)* 041606
Vladimir S. Ajaev, Elizaveta Ya. Gatapova, and Oleg A. Kabov

(Continued)

PHYSICAL REVIEW E **THIRD SERIES, VOLUME 84, NUMBER 4** **OCTOBER 2011**

Colloid-facilitated contaminant transport in fractal media *(10 pages)* 041140
Leonid A. Bolshov, Peter S. Kondratenko, and Leonid V. Matveev

Velocity correlations of a discrete-time totally asymmetric simple-exclusion process in stationary state on a circle *(8 pages)* 041141
Yasuyuki Yamada and Makoto Katori

Local kinetic interpretation of entropy production through reversed diffusion *(11 pages)* 041142
A. Porporato, P. R. Kramer, M. Cassiani, E. Daly, and J. Mattingly

Solute trapping in rapid solidification of a binary dilute system: A phase-field study *(17 pages)* 041143
P. K. Galenko, E. V. Abramova, D. Jou, D. A. Danilov, V. G. Lebedev, and D. M. Herlach

Belief-propagation algorithm and the Ising model on networks with arbitrary distributions of motifs *(10 pages)* 041144
S. Yoon, A. V. Goltsev, S. N. Dorogovtsev, and J. F. F. Mendes

Equilibrium and linear transport properties of fluids

Nonadditive hard-sphere fluid mixtures: A simple analytical theory *(17 pages)* 041201
Riccardo Fantoni and Andrés Santos

Kullback-Leibler entropy in the electron distribution shape relaxation for electron-atom thermalization *(15 pages)* 041202
Reinel Sospedra-Alfonso and Bernie D. Shizgal

Exact solution of the Percus-Yevick integral equation for fluid mixtures of hard hyperspheres *(5 pages)* 041203
René D. Rohrmann and Andrés Santos

One-dimensional conduction through supporting electrolytes: Two-scale cathodic Debye layer *(8 pages)* 041204
Yaniv Almog and Ehud Yariv

Granular materials

Axial transport within bidisperse granular media in horizontal rotating cylinders *(7 pages)* 041301
J. R. Third, D. M. Scott, and C. R. Müller

Rheology of granular materials composed of nonconvex particles *(14 pages)* 041302
B. Saint-Cyr, J.-Y. Delenne, C. Voivret, F. Radjai, and P. Sornay

Bouncing, rolling, energy flows, and cluster formation in a two-dimensional vibrated granular gas *(7 pages)* 041303
Gabriel Pérez-Ángel and Yuri Nahmad-Molinari

Dynamics of shear bands in a dense granular material forced by a slowly moving rigid body *(7 pages)* 041304
Eugenio Hamm, Franco Tapia, and Francisco Melo

Influence of a reduced gravity on the volume fraction of a monolayer of spherical grains *(6 pages)* 041305
S. Dorbolo, T. Scheller, F. Ludewig, G. Lumay, and N. Vandewalle

Coefficient of restitution as a fluctuating quantity *(5 pages)* 041306
Marina Montaine, Michael Heckel, Christof Kruelle, Thomas Schwager, and Thorsten Pöschel

Percolation current in a periodic segregation of a binary granular mixture *(4 pages)* 041307
Shanshan Du, Qingfan Shi, Gang Sun, Liangsheng Li, and Ning Zheng

(Continued)

PHYSICAL REVIEW E **THIRD SERIES, VOLUME 84, NUMBER 4** **OCTOBER 2011**

Influence of quenched disorder on absorbing phase transitions in the conserved lattice gas model *(10 pages)* 041123
Sang Bub Lee

Bak-Sneppen-type models and rank-driven processes *(5 pages)* 041124
Michael Grinfeld, Philip A. Knight, and Andrew R. Wade

Exact and approximate methods of calculating the sum of states for noninteracting classical and quantum particles occupying a finite number of modes *(8 pages)* 041125
Agnieszka Werpachowska

Stretched-exponential behavior and random walks on diluted hypercubic lattices *(6 pages)* 041126
N. Lemke and Ian A. Campbell

Performance analysis of a two-state quantum heat engine working with a single-mode radiation field in a cavity *(6 pages)* 041127
Jianhui Wang, Jizhou He, and Xian He

Anomalous-diffusion approach applied to the electrical response of water *(5 pages)* 041128
E. K. Lenzi, P. R. G. Fernandes, T. Petrucci, H. Mukai, and H. V. Ribeiro

Tuning coupling: Discrete changes in runaway avalanche sizes in disordered media *(9 pages)* 041129
Braden A. W. Brinkman and Karin A. Dahmen

Maximum-entropy Monte Carlo method for the inversion of the structure factor in simple classical systems *(9 pages)* 041130
Marco D'Alessandro

Maximum relative height of elastic interfaces in random media *(13 pages)* 041131
Joachim Rambeau, Sebastian Bustingorry, Alejandro B. Kolton, and Grégory Schehr

Learning dynamics in public goods games *(12 pages)* 041132
Alex J. Bladon and Tobias Galla

Quantum Langevin equation of a charged oscillator in a magnetic field and coupled to a heat bath through momentum variables *(5 pages)* 041133
Shamik Gupta and Malay Bandyopadhyay

Casimir force in the rotor model with twisted boundary conditions *(14 pages)* 041134
Jonathan Bergknoff, Daniel Dantchev, and Joseph Rudnick

Capturing correlations in chaotic diffusion by approximation methods *(11 pages)* 041135
Georgie Knight and Rainer Klages

Gaussian model of explosive percolation in three and higher dimensions *(6 pages)* 041136
K. J. Schrenk, N. A. M. Araújo, and H. J. Herrmann

Instabilities of the harmonic oscillator with fluctuating damping *(8 pages)* 041137
Vicenç Méndez, Werner Horsthemke, Pau Mestres, and Daniel Campos

Analytic solution of the fractional advection-diffusion equation for the time-of-flight experiment in a finite geometry *(9 pages)* 041138
B. W. Philippa, R. D. White, and R. E. Robson

Exact quantum master equation for a molecular aggregate coupled to a harmonic bath *(6 pages)* 041139
Maxim F. Gelin, Dassia Egorova, and Wolfgang Domcke

(Continued)

PHYSICAL REVIEW E **THIRD SERIES, VOLUME 84, NUMBER 4** **OCTOBER 2011**

Deterministic Brownian motion generated from differential delay equations *(14 pages)* 041105
Jinzhi Lei and Michael C. Mackey

Mean-field behavior of the negative-weight percolation model on random regular graphs *(10 pages)* 041106
Oliver Melchert, Alexander K. Hartmann, and Marc Mézard

Statistics of cross sections of Voronoi tessellations *(4 pages)* 041107
M. Ferraro and L. Zaninetti

Reaction-diffusion front crossing a local defect *(8 pages)* 041108
Jean-Guy Caputo and Benoit Sarels

Thermodynamic limits of dynamic cooling *(16 pages)* 041109
Armen E. Allahverdyan, Karen V. Hovhannisyan, Dominik Janzing, and Guenter Mahler

Geometrical and Anderson transitions in harmonic chains with constrained long-range couplings *(6 pages)* 041110
P. A. Morais, J. S. Andrade Jr., E. M. Nascimento, and M. L. Lyra

Approach to equilibrium of diffusion in a logarithmic potential *(4 pages)* 041111
Ori Hirschberg, David Mukamel, and Gunter M. Schütz

Noise can speed convergence in Markov chains *(14 pages)* 041112
Brandon Franzke and Bart Kosko

Decay of a metastable state induced by a spin bath *(7 pages)* 041113
Sudarson Sekhar Sinha, Arnab Ghosh, and Deb Shankar Ray

Effect of disorder on temporal fluctuations in drying-induced cracking *(7 pages)* 041114
Gabriel Villalobos, Ferenc Kun, and José D. Muñoz

Heat generation and transport due to time-dependent forces *(9 pages)* 041115
Bijay Kumar Agarwalla, Jian-Sheng Wang, and Baowen Li

Relating Fisher information to order parameters *(10 pages)* 041116
Mikhail Prokopenko, Joseph T. Lizier, Oliver Obst, and X. Rosalind Wang

Le Chatelier's principle in replicator dynamics *(11 pages)* 041117
Armen E. Allahverdyan and Aram Galstyan

Reconstructing signals from noisy data with unknown signal and noise covariance *(10 pages)* 041118
Niels Oppermann, Georg Robbers, and Torsten A. Enßlin

Universality classes for phonon relaxation and thermal conduction in one-dimensional vibrational systems *(6 pages)* 041119
Santhosh G. and Deepak Kumar

Building macroscale models from microscale probabilistic models: A general probabilistic approach for nonlinear diffusion and multispecies phenomena *(12 pages)* 041120
Catherine J. Penington, Barry D. Hughes, and Kerry A. Landman

Phase transitions in simplified models with long-range interactions *(9 pages)* 041121
T. M. Rocha Filho, M. A. Amato, B. A. Mello, and A. Figueiredo

Interacting Bose gas: Mean field and fluctuations revisited *(9 pages)* 041122
A. Alastuey and J. Piasecki

(Continued)

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 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 84, NUMBER 4 *CONTENTS* **OCTOBER 2011**

PART 1: STATISTICAL, SOFT MATTER, AND BIOLOGICAL PHYSICS

RAPID COMMUNICATIONS

Statistical physics

Simplest model to study reentrance in physical systems *(4 pages)* . . . . . 040101(R)
Creighton K. Thomas and Helmut G. Katzgraber

Exact solutions for mass-dependent irreversible aggregations *(4 pages)* . . . . . 040102(R)
Seung-Woo Son, Claire Christensen, Golnoosh Bizhani, Peter Grassberger, and Maya Paczuski

Granular materials

Active jamming: Self-propelled soft particles at high density *(4 pages)* . . . . . 040301(R)
Silke Henkes, Yaouen Fily, and M. Cristina Marchetti

Films, interfaces, and crystal growth

Quantum buckling *(4 pages)* . . . . . 040601(R)
N. Upadhyaya and V. Vitelli

Liquid crystals

Structural forces in liquid crystalline blue phases *(4 pages)* . . . . . 040701(R)
Jun-ichi Fukuda (福田順一) and Slobodan Žumer

ARTICLES

Statistical physics

Asymmetric inclusion process *(16 pages)* 041101
Shlomi Reuveni, Iddo Eliazar, and Uri Yechiali

Driven *k*-mers: Correlations in space and time *(9 pages)* 041102
Shamik Gupta, Mustansir Barma, Urna Basu, and P. K. Mohanty

Effects of excluded volume interaction on diffusion-reaction processes in crowded environments *(5 pages)* 041103
Sungchul Kwon and Yup Kim

Approximate thermodynamic structure for driven lattice gases in contact *(14 pages)* 041104
Punyabrata Pradhan, Robert Ramsperger, and Udo Seifert

Copyright 2011 by American Physical Society

(Continued)

1539-3755(201110)84:4:1;1-5