

NU
P59/ne

PHYSICAL REVIEW ETM

STATISTICAL, NONLINEAR, AND SOFT MATTER PHYSICS

Articles Published in JULY 2013
PART B

Published by
AMERICAN PHYSICAL SOCIETY™

Volume 88

Third Series

Number 1-B

PART B

Biological Physics

- Localized buckling of a microtubule surrounded by randomly distributed cross linkers (*8 pages*) 012701
M. Z. Jin and C. Q. Ru

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Simplified biased random walk model for RecA-protein-mediated homology recognition offers rapid and accurate self-assembly of long linear arrays of binding sites (<i>14 pages</i>)	012702
Julian Kates-Harbeck, Antoine Tilloy, and Mara Prentiss	
Sacrificial bonds and hidden length in biomaterials: A kinetic constitutive description of strength and toughness in bone (<i>10 pages</i>)	012703
Charles K. C. Lieou, Ahmed E. Elbanna, and Jean M. Carlson	
Sawtooth patterns in force-extension curves of biomolecules: An equilibrium-statistical-mechanics theory (<i>4 pages</i>)	012704
A. Prados, A. Carpio, and L. L. Bonilla	
Physical interactions of fish protamine and antisepsis peptide drugs with bacterial membranes revealed by combination of specular x-ray reflectivity and grazing-incidence x-ray fluorescence (<i>11 pages</i>)	012705
Wasim Abuillan, Emanuel Schneck, Alexander Körner, Klaus Brandenburg, Thomas Gutsmann, Tom Gill, Alexei Vorobiev, Oleg Konovalov, and Motomu Tanaka	
Reaction-subdiffusion front propagation in a comblike model of spiny dendrites (<i>7 pages</i>)	012706
A. Iomin and V. Méndez	
Correcting for bias of molecular confinement parameters induced by small-time-series sample sizes in single-molecule trajectories containing measurement noise (<i>9 pages</i>)	012707
Christopher P. Calderon	
Physiology-based model of cell viscoelasticity (<i>8 pages</i>)	012708
José J. Muñoz and Santiago Albo	
Winnerless competition in coupled Lotka-Volterra maps (<i>6 pages</i>)	012709
L. A. González-Díaz, E. D. Gutiérrez, P. Varona, and J. L. Cabrera	
Effects of pacing magnitudes and forms on bistability width in a modeled ventricular tissue (<i>8 pages</i>)	012711
Xiaodong Huang, Xuemei Liu, Lixian Zheng, Yuanyuan Mi, and Yu Qian	
Optimal channel efficiency in a sensory network (<i>6 pages</i>)	012712
Thiago S. Mosqueiro and Leonardo P. Maia	
Delay-driven irregular spatiotemporal patterns in a plankton system (<i>6 pages</i>)	012713
Canrong Tian and Lai Zhang	
Fluctuating hydrodynamics simulations of coarse-grained lipid membranes under steady-state conditions and in shear flow (<i>10 pages</i>)	012714
Erik G. Brandt	
Order, intermittency, and pressure fluctuations in a system of proliferating rods (<i>7 pages</i>)	012715
Sirio Orozco-Fuentes and Denis Boyer	
Hysteresis in the metachronal-tripod gait transition of insects: A modeling study (<i>7 pages</i>)	012717
Soichiro Fujiki, Shinya Aoi, Tetsuro Funato, Nozomi Tomita, Kei Senda, and Kazuo Tsuchiya	
Elastic properties and line tension of self-assembled bilayer membranes (<i>12 pages</i>)	012718
Jianfeng Li, Kyle A. Pastor, An-Chang Shi, Friederike Schmid, and Jiajia Zhou	
Emergence and stability of intermediate open vesicles in disk-to-vesicle transitions (<i>7 pages</i>)	012719
Jianfeng Li, Hongdong Zhang, Feng Qiu, and An-Chang Shi	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Effects of electrical polarization on the opening rate constant of a voltage-gated ion channel (<i>7 pages</i>)	012720
G. R. Ramírez-SanJuan, A. A. Minzoni, and L. D. Islas	
Crystallization of asymmetric patchy models for globular proteins in solution (<i>9 pages</i>)	012721
Diana Fusco and Patrick Charbonneau	
Generation of oscillating gene regulatory network motifs (<i>10 pages</i>)	012722
M. van Dorp, B. Lannoo, and E. Carlon	
Stochastic microswimming model for the average translational velocity of the ribosome (<i>6 pages</i>)	012723
José S. González-García and Joaquín Delgado	
First-passage properties of molecular spiders (<i>9 pages</i>)	012724
Oleg Semenov, David Mohr, and Darko Stefanovic	
Steric contribution of macromolecular crowding to the time and activation energy for preprotein translocation across the endoplasmic reticulum membrane (<i>15 pages</i>)	012725
José Antonio Vélez Pérez, Orlando Guzmán, and Fernando Navarro-García	
Modeling and analysis of propulsion in the multiflagellated microorganism <i>Giardia lamblia</i> (<i>9 pages</i>)	012726
Scott C. Lenaghan, Jun Chen, and Mingjun Zhang	
Improving zero-mode waveguide structure for enhancing signal-to-noise ratio of real-time single-molecule fluorescence imaging: A computational study (<i>5 pages</i>)	012727
Takashi Tanii, Rena Akahori, Shun Higano, Kotaro Okubo, Hideaki Yamamoto, Taro Ueno, and Takashi Funatsu	
Fokker-Planck description of single nucleosome repositioning by dimeric chromatin remodelers (<i>8 pages</i>)	012728
Yves Vandecan and Ralf Blossey	
Networks and Interdisciplinary Physics	
Programmable ion-sensitive transistor interfaces. I. Electrochemical gating (<i>13 pages</i>)	012801
Krishna Jayant, Kshitij Auluck, Mary Funke, Sharlin Anwar, Joshua B. Phelps, Philip H. Gordon, Shantanu R. Rajwade, and Edwin C. Kan	
Programmable ion-sensitive transistor interfaces. II. Biomolecular sensing and manipulation (<i>11 pages</i>)	012802
Krishna Jayant, Kshitij Auluck, Mary Funke, Sharlin Anwar, Joshua B. Phelps, Philip H. Gordon, Shantanu R. Rajwade, and Edwin C. Kan	
Structural robustness of scale-free networks against overload failures (<i>7 pages</i>)	012803
Shogo Mizutaka and Kousuke Yakubo	
Characterizing the development of sectoral gross domestic product composition (<i>5 pages</i>)	012804
Raphael Lutz, Michael Spies, Dominik E. Reusser, Jürgen P. Kropp, and Diego Rybski	
Network growth model with intrinsic vertex fitness (<i>12 pages</i>)	012805
I. E. Smolyarenko, K. Hoppe, and G. J. Rodgers	
Evolution of correlation structure of industrial indices of U.S. equity markets (<i>7 pages</i>)	012806
Giuseppe Buccheri, Stefano Marmi, and Rosario N. Mantegna	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Combining a popularity-productivity stochastic block model with a discriminative-content model for general structure detection (<i>10 pages</i>)	012807
Bian-fang Chai, Jian Yu, Cai-yan Jia, Tian-bao Yang, and Ya-wen Jiang	
Collective motion of oscillatory walkers (<i>7 pages</i>)	012808
Takahiro Ezaki, Ryosuke Nishi, Daichi Yanagisawa, and Katsuhiro Nishinari	
Epidemic fronts in complex networks with metapopulation structure (<i>8 pages</i>)	012809
Jason Hindes, Sarabjeet Singh, Christopher R. Myers, and David J. Schneider	
Influence of substrate potential shape on the dynamics of a sliding lubricant chain (<i>6 pages</i>)	012810
Rosalie Laure Woulaché, Andrea Vanossi, and Nicola Manini	
Reverse resonance in stock prices of financial system with periodic information (<i>11 pages</i>)	012811
Jiang-Cheng Li and Dong-Cheng Mei	
International migration network: Topology and modeling (<i>11 pages</i>)	012812
Giorgio Fagiolo and Marina Mastrorillo	
Impacts of subsidy policies on vaccination decisions in contact networks (<i>8 pages</i>)	012813
Hai-Feng Zhang, Zhi-Xi Wu, Xiao-Ke Xu, Michael Small, Lin Wang, and Bing-Hong Wang	
Coauthorship and citation patterns in the Physical Review (<i>9 pages</i>)	012814
Travis Martin, Brian Ball, Brian Karrer, and M. E. J. Newman	
Coevolutionary networks of reinforcement-learning agents (<i>8 pages</i>)	012815
Ardeshir Kianercy and Aram Galstyan	
Effects of mixing in threshold models of social behavior (<i>7 pages</i>)	012816
Andrei R. Akhmetzhanov, Lee Worden, and Jonathan Dushoff	
Anomalous biased diffusion in networks (<i>7 pages</i>)	012817
Loukas Skarpalezos, Aristotelis Kittas, Panos Argyraakis, Reuven Cohen, and Shlomo Havlin	
Spreading in online social networks: The role of social reinforcement (<i>7 pages</i>)	012818
Muhua Zheng (郑木华), Linyuan Lü (吕琳媛), and Ming Zhao (赵明)	
Power-law exponent of the Bouchaud-Mézard model on regular random networks (<i>4 pages</i>)	012819
Takashi Ichinomiya	
Uniform asymptotic approximation of diffusion to a small target (<i>13 pages</i>)	012820
Samuel A. Isaacson and Jay Newby	
Nonlinear Dynamics and Chaos	
Decohering localized waves (<i>6 pages</i>)	012901
Kristian Rayanov, Günter Radons, and Sergej Flach	
Strong and weak chaos in networks of semiconductor lasers with time-delayed couplings (<i>13 pages</i>)	012902
Sven Heiligenthal, Thomas Jüngling, Otti D'Huys, Diana A. Arroyo-Almanza, Miguel C. Soriano, Ingo Fischer, Ido Kanter, and Wolfgang Kinzel	
Time-delayed feedback control design beyond the odd-number limitation (<i>6 pages</i>)	012903
Kestutis Pyragas and Viktor Novičenko	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Vortex dynamics in cubic-quintic Bose-Einstein condensates (<i>7 pages</i>)	012904
T. Mithun, K. Porsezian, and Bishwajyoti Dey	
Noise-induced synchronization, desynchronization, and clustering in globally coupled nonidentical oscillators (<i>7 pages</i>)	012905
Yi Ming Lai and Mason A. Porter	
Scattering approach to fidelity decay in closed systems and parametric level correlations (<i>10 pages</i>)	012906
T. Gorin and P. C. López Vázquez	
Characterization of edge oscillation in a traveling-wave field-effect transistor (<i>8 pages</i>)	012907
Koichi Narahara	
Drift laws for spiral waves on curved anisotropic surfaces (<i>9 pages</i>)	012908
Hans Dierckx, Evelien Brisard, Henri Verschelde, and Alexander V. Panfilov	
Super-rogue waves in simulations based on weakly nonlinear and fully nonlinear hydrodynamic equations (<i>10 pages</i>)	012909
A. Slunyaev, E. Pelinovsky, A. Sergeeva, A. Chabchoub, N. Hoffmann, M. Onorato, and N. Akhmediev	
Gating-signal propagation by a feed-forward neural motif (<i>7 pages</i>)	012910
Xiaoming Liang, Serhiy Yanchuk, and Liang Zhao	
Collective motion of symmetric camphor papers in an annular water channel (<i>5 pages</i>)	012911
Yumihiiko S. Ikura, Eric Heisler, Akinori Awazu, Hiraku Nishimori, and Satoshi Nakata	
Fluid Dynamics	
Attractive forces on hard and soft colloidal objects located close to the surface of an acoustic-thickness shear resonator (<i>7 pages</i>)	013001
Arne Langhoff and Diethelm Johannsmann	
Dynamo threshold detection in the von Kármán sodium experiment (<i>12 pages</i>)	013002
Sophie Miralles, Nicolas Bonnefoy, Mickael Bourgoin, Philippe Odier, Jean-François Pinton, Nicolas Plihon, Gautier Verhille, Jean Boisson, François Daviaud, and Bérengère Dubrulle	
Effect of elongational flow on ferrofluids under a magnetic field (<i>10 pages</i>)	013003
S. Altmeyer, Younghae Do, and J. M. Lopez	
Quench cooling under reduced gravity (<i>8 pages</i>)	013004
D. Chatain, C. Mariette, V. S. Nikolayev, and D. Beysens	
Vorticity statistics and the time scales of turbulent strain (<i>7 pages</i>)	013005
L. Moriconi and R. M. Pereira	
Fold-pitchfork bifurcation for maps with Z_2 symmetry in pipe flow (<i>12 pages</i>)	013006
F. Marques, F. Mellibovsky, and A. Meseguer	
Analytical solution to predicting gaseous mass flow rates of microchannels in a wide range of Knudsen numbers (<i>7 pages</i>)	013007
Qifeng Lv, Xiaoli Liu, Enzhi Wang, and Sijing Wang	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Lattice Boltzmann modeling of directional wetting: Comparing simulations to experiments (<i>10 pages</i>)	013008
H. Patrick Jansen, Kai Sotthewes, Jeroen van Swigchem, Harold J. W. Zandvliet, and E. Stefan Kooij	
Performance evaluation of Maxwell and Cercignani-Lampis gas-wall interaction models in the modeling of thermally driven rarefied gas transport (<i>11 pages</i>)	013009
Tengfei Liang, Qi Li, and Wenjing Ye	
Magnetohydrodynamic stability of stochastically driven accretion flows (<i>9 pages</i>)	013010
Sujit Kumar Nath, Banibrata Mukhopadhyay, and Amit K. Chattopadhyay	
Sign cancellation and scaling in the vertical component of velocity and vorticity in rotating turbulence (<i>9 pages</i>)	013011
E. Horne and P. D. Mininni	
Path selection rules for droplet trains in single-lane microfluidic networks (<i>12 pages</i>)	013012
A. Amon, A. Schmit, L. Salkin, L. Courbin, and P. Panizza	
Effect of hydrodynamic and fluid-solid interaction forces on the shape and stability of a droplet sedimenting on a horizontal wall (<i>8 pages</i>)	013013
Hassan Farhat, Sasidhar Kondaraju, Sang-Kwon Na, and Joon Sang Lee	
Breakup of a pendant magnetic drop (<i>5 pages</i>)	013014
N. Havard, F. Risso, and Ph. Tordjeman	
Flagellar waveform dynamics of freely swimming algal cells (<i>5 pages</i>)	013015
H. Kurtuldu, D. Tam, A. E. Hosoi, K. A. Johnson, and J. P. Gollub	
Wavelength selection in Hele-Shaw flows: A maximum-amplitude criterion (<i>6 pages</i>)	013016
Eduardo O. Dias and José A. Miranda	
Lagrangian coherent structures separate dynamically distinct regions in fluid flows (<i>4 pages</i>)	013017
Douglas H. Kelley, Michael R. Allshouse, and Nicholas T. Ouellette	
Nonequilibrium gaseous heat transfer in pressure-driven plane Poiseuille flow (<i>8 pages</i>)	013018
Benzi John, Xiao-Jun Gu, and David R. Emerson	
Numerical homogenization of electrokinetic equations in porous media using lattice-Boltzmann simulations (<i>11 pages</i>)	013019
Amaël Obliger, Magali Duvail, Marie Jardat, Daniel Coelho, Samir Békri, and Benjamin Rotenberg	
Plasma Physics	
Chaotic particle heating due to an obliquely propagating wave in a magnetized plasma (<i>7 pages</i>)	013101
T. M. Corrêa da Silva, R. Pakter, F. B. Rizzato, M. C. de Sousa, I. L. Caldas, and F. M. Steffens	
Reduced coupled-mode approach to electron-ion energy relaxation (<i>8 pages</i>)	013102
D. A. Chapman, J. Vorberger, and D. O. Gericke	
Particle transport and radiation production in sub-Larmor-scale electromagnetic turbulence (<i>9 pages</i>)	013103
Brett D. Keenan and Mikhail V. Medvedev	
Microwave guiding along double femtosecond filaments in air (<i>5 pages</i>)	013104
Yu Ren, Mostafa Alshershby, Zuoqiang Hao, Zhenming Zhao, and Jingquan Lin	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Noble-gas resonant radiation effects on electron emission in plasma devices (<i>8 pages</i>)	013105
P. A. Bokhan and Dm. E. Zakrevsky	
Transport properties of dense deuterium-tritium plasmas (<i>7 pages</i>)	013106
Cong Wang, Yao Long, Xian-Tu He, Jun-Feng Wu, Wen-Hua Ye, and Ping Zhang	
Spectroscopic study of plasma evolution in runaway nanosecond atmospheric-pressure He discharges (<i>11 pages</i>)	013107
S. Yatom, E. Stambulchik, V. Vekselman, and Ya. E. Krasik	
Current redistribution and generation of kinetic energy in the stagnated Z pinch (<i>6 pages</i>)	013108
V. V. Ivanov, A. A. Anderson, D. Papp, A. L. Astanovitskiy, B. R. Talbot, J. P. Chittenden, and N. Niasse	
Classical Physics	
Avalanches, breathers, and flow reversal in a continuous Lorenz-96 model (<i>5 pages</i>)	013201
R. Blender, J. Wouters, and V. Lucarini	
Stochastic theory of an optical vortex in nonlinear media (<i>8 pages</i>)	013202
Hiroshi Kuratsuji	
Coupled backward- and forward-propagating solitons in a composite right- and left-handed transmission line (<i>14 pages</i>)	013203
G. P. Veldes, J. Cuevas, P. G. Kevrekidis, and D. J. Frantzeskakis	
Optical mechanical analogy and Hamiltonization of a nonholonomic system (<i>8 pages</i>)	013204
Alberto G. Rojo and Anthony M. Bloch	
Stationary solutions for the 1 + 1 nonlinear Schrödinger equation modeling repulsive Bose-Einstein condensates in small potentials (<i>12 pages</i>)	013205
Kristina Mallory and Robert A. Van Gorder	
Electromagnetic field of a charge moving in a chiral isotropic medium (<i>12 pages</i>)	013206
Sergey N. Galyamin, Anton A. Peshkov, and Andrey V. Tyukhtin	
Classifying the hierarchy of nonlinear-Schrödinger-equation rogue-wave solutions (<i>12 pages</i>)	013207
David J. Kedziora, Adrian Ankiewicz, and Nail Akhmediev	
Computational Physics	
Lattice Fokker Planck for dilute polymer dynamics (<i>16 pages</i>)	013301
Shiwani Singh, Ganesh Subramanian, and Santosh Ansumali	
Gaussian quadrature and lattice discretization of the Fermi-Dirac distribution for graphene (<i>8 pages</i>)	013302
D. Oettinger, M. Mendoza, and H. J. Herrmann	
Momentum-exchange method in lattice Boltzmann simulations of particle-fluid interactions (<i>15 pages</i>)	013303
Yu Chen, Qingdong Cai, Zhenhua Xia, Moran Wang, and Shiyi Chen	
Extended lattice Boltzmann method for numerical simulation of thermal phase change in two-phase fluid flow (<i>12 pages</i>)	013304
Hesameddin Safari, Mohammad Hassan Rahimian, and Manfred Krafczyk	

(Continued)

CONTENTS - *Continued***PHYSICAL REVIEW E****THIRD SERIES, VOLUME 88, NUMBER 1****JULY 2013**

Self-organization and solution of shortest-path optimization problems with memristive networks (<i>8 pages</i>)	013305
Yuriy V. Pershin and Massimiliano Di Ventra	
Interaction pressure tensor for a class of multicomponent lattice Boltzmann models (<i>6 pages</i>)	013306
M. Sbragaglia and D. Belardinelli	
Computational modeling of laser-plasma interactions: Pulse self-modulation and energy transfer between intersecting laser pulses (<i>9 pages</i>)	013307
Rotem Kupfer, Boris Barmashenko, and Ilana Bar	
Accounting for adsorption and desorption in lattice Boltzmann simulations (<i>6 pages</i>)	013308
Maximilien Levesque, Magali Duvail, Ignacio Pagonabarraga, Daan Frenkel, and Benjamin Rotenberg	
Axisymmetric multiphase lattice Boltzmann method (<i>13 pages</i>)	013309
Sudhir Srivastava, Prasad Perlekar, Jan H. M. ten Thije Boonkamp, Nishith Verma, and Federico Toschi	
Unconditionally stable method and numerical solution of the hyperbolic phase-field crystal equation (<i>11 pages</i>)	013310
P. K. Galenko, H. Gomez, N. V. Kropotin, and K. R. Elder	
Improving the efficiency of Monte Carlo simulations of systems that undergo temperature-driven phase transitions (<i>9 pages</i>)	013311
L. Velazquez and J. C. Castro-Palacio	
Comparative study of selected parallel tempering methods (<i>14 pages</i>)	013312
A. Malakis and T. Papakonstantinou	
Replication-based inference algorithms for hard computational problems (<i>10 pages</i>)	013313
Roberto C. Alaminos, Juan P. Neirotti, and David Saad	
Data structure and movement for lattice-based simulations (<i>8 pages</i>)	013314
Aniruddha G. Shet, Shahajhan H. Sorathiya, Siddharth Krishivasan, Anand M. Deshpande, Bharat Kaul, Sunil D. Sherlekar, and Santosh Ansumali	

BRIEF REPORTS**Statistical Physics**

Multilevel selection in a resource-based model (<i>4 pages</i>)	014101
Fernando Fagundes Ferreira and Paulo R. A. Campos	
Bond percolation in higher dimensions (<i>4 pages</i>)	014102
Eric I. Corwin, Robin Stinchcombe, and M. F. Thorpe	
Gaussian field theory for the Brownian motion of a solvated particle (<i>4 pages</i>)	014103
Thomas Speck	
Enhanced permeation of single-file water molecules across a noncylindrical nanochannel (<i>5 pages</i>)	014104
X. W. Meng (孟现文) and J. P. Huang (黄吉平)	
Critical behavior of the quantum Ising model on a fractal structure (<i>4 pages</i>)	014105
Hangmo Yi	

(Continued)

Films, Interfaces, and Crystal Growth

- Phase-field model for reconstructed stepped surface (*4 pages*) 014401
 Kanna Nakamura and Dionisios Margetis

Networks and Interdisciplinary Physics

- Manipulation of extreme events on scale-free networks (*5 pages*) 014801
 Vimal Kishore, Abhijeet R. Sonawane, and M. S. Santhanam

Fluid Dynamics

- Codimension-three bifurcations in a Bénard-Marangoni problem (*4 pages*) 015001
 Sergio Hoyas, Antonio Gil, Pablo Fajardo, and María J. Pérez-Quiles

- Top-down vortices developed in a cylindrical annulus cooled on the top (*5 pages*) 015002
 M. C. Navarro and H. Herrero

Plasma Physics

- Vortex bubble formation in pair plasmas (*4 pages*) 015101
 V. I. Berezhiani, N. L. Shatashvili, S. M. Mahajan, and B. N. Aleksić

Classical Physics

- Solutions of the coupled Higgs field equations (*4 pages*) 015201
 Benoy Talukdar, Swapan K. Ghosh, Aparna Saha, and Debabrata Pal

ERRATA

- Publisher's Note: Simple picture of supercooled liquid dynamics: Dynamic scaling and phenomenology based on clusters [Phys. Rev. E **87**, 062321 (2013)] (*1 page*) 019901(E)
 Akira Furukawa

- Erratum: Ratchet universality in the presence of thermal noise [Phys. Rev. E **87**, 062114 (2013)] (*2 pages*) 019902(E)
 Pedro J. Martínez and Ricardo Chacón

- Publisher's Note: Transient solution for droplet deformation under electric fields
 [Phys. Rev. E **87**, 043008 (2013)] (*1 page*) 019903(E)
 Jia Zhang, Jeffrey D. Zahn, and Hao Lin

- Erratum: Stochastic phase transition operator [Phys. Rev. E **84**, 011924 (2011)] (*1 page*) 019904(E)
 Takanobu Yamanobe

- Publisher's Note: Lift and drag in intruders moving through hydrostatic granular media at high speeds
 [Phys. Rev. E **88**, 012204 (2013)] (*1 page*) 019905(E)
 Fabricio Q. Potiguar and Yang Ding

- Erratum: Defects in crystalline packings of twisted filament bundles. II. Dislocations and grain boundaries
 [Phys. Rev. E **85**, 031604 (2012)] (*1 page*) 019906(E)
 Amir Azadi and Gregory M. Grason