

Anomalous large capacitance of an ionic liquid described by the restricted primitive model (7 pages)	056102
M. S. Loth, Brian Skinner, and B. I. Shklovskii	
Hierarchical simulations for the design of supertough nanofibers inspired by spider silk (7 pages)	056103
Federico Bosia, Markus J. Buehler, and Nicola M. Pugno	
Relativistic statistical arbitrage (7 pages)	056104
A. D. Wissner-Gross and C. E. Freer	
Local empathy provides global minimization of congestion in communication networks (8 pages)	056105
Sandro Meloni and Jesús Gómez-Gardeñes	
Response to targeted perturbations for random walks on networks (4 pages)	056106
Vincent Tejedor, Olivier Bénichou, Raphael Voituriez, and Michel Moreau	
Dynamics-based centrality for directed networks (11 pages)	056107
Naoki Masuda and Hiroshi Kori	
Aging of the frictional properties induced by temperature variations (7 pages)	056108
Jean-Christophe G��minard and Eric Bertin	
Reformulation of the covering and quantizer problems as ground states of interacting particles (22 pages)	056109
S. Torquato	
Spectral dimensions of hierarchical scale-free networks with weighted shortcuts (12 pages)	056110
S. Hwang, C.-K. Yun, D.-S. Lee, B. Kahng, and D. Kim	
Message passing algorithms for the Hopfield network reconstruction: Threshold behavior and limitation (7 pages)	056111
Haiping Huang	
Opinion formation in kinetic exchange models: Spontaneous symmetry-breaking transition (5 pages)	056112
Mehdi Lallouache, Anindya S. Chakrabarti, Anirban Chakraborti, and Bikas K. Chakrabarti	
Spectral graph analysis of modularity and assortativity (11 pages)	056113
P. Van Mieghem, X. Ge, P. Schumm, S. Trajanovski, and H. Wang	
Anisotropic linear elastic properties of fractal-like composites (7 pages)	056114
Alberto Carpinteri, Pietro Cornetti, Nicola Pugno, and Alberto Sapia	
Coevolution of synchronous activity and connectivity in coupled chaotic oscillators (5 pages)	056115
Li Chen, Can Qiu, Hongbin Huang, Guanyao Qi, and Haijun Wang	
Scaling of surface roughness in perfectly plastic disordered media (9 pages)	056116
Pallab Barai, Rahul Sampath, Phani Kumar V. V. Nukala, and Srđan Œimunovi��	
Agent dynamics in kinetic models of wealth exchange (6 pages)	056117
Arnab Chatterjee and Parongama Sen	
Social interaction as a heuristic for combinatorial optimization problems (6 pages)	056118
Jos�� F. Fontanari	
Chaos and pattern formation	
Characteristic Lyapunov vectors in chaotic time-delayed systems (7 pages)	056201
Diego Paz�� and Juan M. L��pez	
Phase resetting of collective rhythm in ensembles of oscillators (10 pages)	056202
Zoran Levnaji�� and Arkady Pikovsky	