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The emergence and strength of intermittence under speed-selective target detection

Daniel Campos, Vicenç Méndez, and Frederic Bartumeus

Random walks on temporal networks

Michele Starnini, Andrea Baronchelli, Alain Barrat, and Romualdo Pastor-Satorras

Clustering of random scale-free networks

Pol Colomer de Simón and Marián Boguñá

Patterns, regularities, and evolution of contemporary popular music

Joan Serrà, Álvaro Corral, Marián Boguñá, Martín Haro i Josep Lluís Arcos.

Sharing dynamics in the Internet

Arnau Gavalda, Roger Guimerà and Jordi Duch

Conflict prediction in teams

Núria Rovira, Tània Gumí, Marta Sales-Pardo, and Roger Guimerà

Statistical complex analysis of taxi mobility in San Francisco

Oleguer Sagarra and Albert Díaz-Guilera

Data clustering using the modular structure of complex networks

Clara Granell, Sergi Gómez and Alex Arenas

Modeling international crisis synchronization in the world trade web

Pau Erola, Albert Díaz-Guilera, Sergio Gómez, and Alex Arenas

Reciprocal connectivity enhances frequency locking and phase coherence between gamma oscillations.

B. Sancristóbal, R. Vicente, G. Pipa, and J. Garcia-Ojalvo

Ordinal time-series analysis of low-frequency fluctuations in semiconductor lasers with optical feedback

A. Aragonese, N. Rubido, T. Sorrentino, J. Tiana-Alsina, M. C. Torrent, and C. Masoller

Experiments on Patterned Neuronal Cultures

Sara Teller and Jordi Soriano

Transition to collective motion in squirmer suspensions

F. Alarcón and I. Pagonabarraga

Stable shapes in the discocyte-equinocyte transition of the Red Blood Cell
Guillermo R. Lázaro, Ignacio Pagonabarraga, and Aurora Hernández-Machado

Running faster, running together: hydrodynamic coupling of molecular motors
Paolo Margaretti and Ignacio Pagonabarraga

Asymmetric Stochastic Switching Driven by Intrinsic Noise in Cellular Decision Making

David Frigola, Laura Casanellas, J. M. Sancho and Marta Ibañes

Reversibility and memory in cellular decision making
David Palau-Ortin, Marta Ibañes

Polymodality and regularity in a noise-induced genetic oscillator
Pau Rué, Gürol M. Süel, and Jordi García-Ojalvo

Predicting effects of structural stress in a genome-reduced model bacterial metabolism
Oriol Güell, Francesc Sagués, and M. Ángeles Serrano

Robustness and evolvability of gene regulatory networks
Esther Ibañez-Marcelo and Tomás Alarcón

Stochastic multi-scale models of cell population
Pilar Guerrero and Tomás Alarcón

Resource constraints in the evolution of cooperation
Rubén Requejo and Juan Camacho

Detecting long-range teleconnections in the climate network via ordinal pattern time-series analysis
J. Ignacio Deza, Marcelo Barreiro, and Cristina Masoller

Turbulence-inspired fusion methods for ocean remote sensing data
Marta Umbert, Nina Hoareau, Antonio Turiel and Joaquim Ballabrera

Analysis of the predictability of local rain records from different climates
A. Deluca, N. R. Moloney, and A. Corral

Towards a representation of environmental models using SDL
Pau Fonseca, Josep Casanovas, and Màxim Colls.

Scale analysis and detection of memory in the DAX Index
Mauricio Ayala Sánchez and Josep Perelló Palou

A weighted belief-propagation algorithm to estimate volume-related properties of random polytopes

Francesc Font-Clos, Francesco Alessandro Massucci and Isaac Pérez Castillo

Scale-free avalanches in the Coulomb glass

Martin Goethe and Matteo Palassini

Energy landscape of constraint satisfaction problems via exhaustive enumeration

Salvatore Mandrà and Matteo Palassini

Strong confinement of a water monolayer induces 3D-like behavior

Valentino Bianco and Giancarlo Franzese

Influence of the nanostructure of prefunctionalized walls on the dynamics and the thermodynamics of a solution of globular proteins.

Fabio Leoni and Giancarlo Franzese

Crystal Formation in a Hydrophobically Nanoconfined Water Monolayer

Oriol Vilanova and Giancarlo Franzese

Analysis of power-law exponents by maximum-likelihood maps

Jordi Baró and Eduard Vives

A practical recipe to fit power-law distributions

Anna Deluca, Ramon Ferrer-i-Cancho, and Álvaro Corral