



Review Paper

Unsupervised statistical learning applied to experimental high-energy physics and related areas

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Research Papers

Influence of periodic traffic congestion on epidemic spreading

Muhua Zheng, Zhongyuan Ruan, Ming Tang, Younghae Do, Zonghua Liu

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Hybrid high algebraic order two-step method with vanished phase-lag and its first, second, third, fourth and fifth derivatives

Junyan Ma, T. E. Simos

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The effect of interruption probability in lattice model of two-lane traffic flow with passing

Guanghan Peng

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Discriminating complex networks through supervised NDR and Bayesian classifier

Ke-Sheng Yan, Li-Li Rong, Kai Yu

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Social network sampling using spanning trees

Zeinab S. Jalali, Alireza Rezvanian, Mohammad Reza Meybodi

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A refined and dynamic cellular automaton model for pedestrian–vehicle mixed traffic flow

Mianfang Liu, Shengwu Xiong

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A link-adding strategy for transport efficiency of complex networks

Jinlong Ma, Weizhan Han, Qing Guo, Zhenyong Wang, Shuai Zhang

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A novel visualization of the geometry of special relativity

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Two different modes of oscillation in a gene transcription regulatory network with interlinked positive and negative feedback loops

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The interplay of self-reflection, social interaction and random events in the dynamics of opinion flow in two-party democracies

Klaus Lichtenegger, Tarik Hadzibeganovic

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Errata

Erratum: Internal phase transition induced by external forces in Finsler geometric model for membranes

Hiroshi Koibuchi, Andrey Shobukhov

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Errata: Competing contact processes on homogeneous networks with tunable clusterization

Marcin Rybak, Krzysztof Kułakowski

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