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LETTER

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Editorial for special issue "Nonlinear dynamics of phase transitions"

This special issue "Nonlinear dynamics of phase transitions" is devoted to recent trends in the mathematical description of phase transitions, which arise in many research problems ranging from physical and chemical processes to biophysics and life science. The theory of these processes and phenomena presented by leading researchers is closely connected with various areas of pure and applied mathematics including nonlinear dynamics, pattern formation, non-Markovian processes, anomalous transport, time delay, and integral equations. The present special issue contains 29 original and high-quality contributions related to the mathematical theory of phase transitions including the models, computational algorithms, and analysis. Contributions devoted to real applications of nonlinear dynamics of phase transitions in physical, physicochemical, and biophysical processes and natural phenomena are included as well.

We sincerely thank all the authors who submitted research articles and the reviewers who assisted in reviewing these articles.

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