Special Issue

Studying Complexity of Social Systems: Emerging Inter- and Multi-Disciplinarity of Qualitative and Quantitative Approaches

Message from the Guest Editor

Inter- and multi-disciplinarity are essential in studying complex social systems. However, there are no commonly accepted definitions of the complexity of social systems. Additionally, any kind of social system can be studied with models of collective behavior drawn from physics, chemistry, control theory, etc. Everything depends on the choice of border conditions concerning the definition of a "social system". In consequence, an unlimited number of mathematical models depicting the complexity of the social phenomena can be produced. On the other hand, qualitative ideas of complexity applied in social sciences need more advanced mathematical models. Theoretical and empirical papers linking mathematical modeling of collective social phenomena with a deepened level of phenomenological interpretations are welcome. We also invite attempts to develop mathematical models of complexity-related qualitative concepts, for example, complex social systems of Niklas Luhmann.

Guest Editor

Prof. Dr. Czeslaw Mesjasz

Faculty of Management, Cracow University of Economics, Rakowicka 27, 31-510 Kraków, Poland

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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