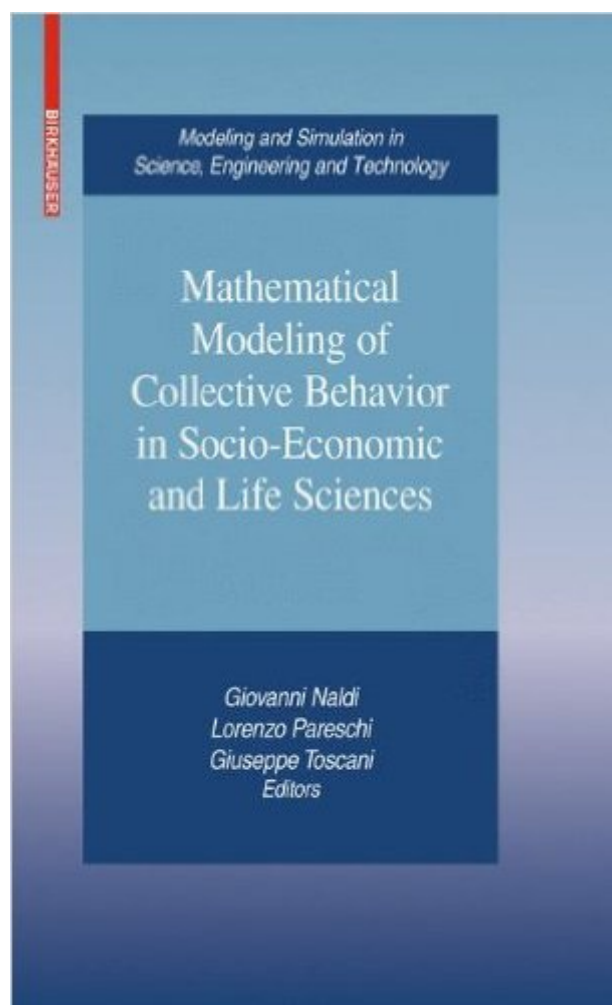


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Mathematical Modeling Of Collective Behavior In Socio-Economic And Life Sciences (Modeling And Simulation In Science, Engineering And Technology)



Synopsis

Using examples from finance and modern warfare to the flocking of birds and the swarming of bacteria, the collected research in this volume demonstrates the common methodological approaches and tools for modeling and simulating collective behavior. The topics presented point toward new and challenging frontiers of applied mathematics, making the volume a useful reference text for applied mathematicians, physicists, biologists, and economists involved in the modeling of socio-economic systems.

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