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The Pharmaceutical Scientist Guide to Solution Kinetic Models Mathematical Description and Applications

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About the ebook

Agent-based Computational Economics applies an interdisciplinary approach that combines knowledge from Agent-based Computational Modelling and Economics with the scope to observe, analyze and discuss the evolution of an economic system composed by intelligent agents. From 1990 till now, agent-based computational modelling has gained much attention but despite this phenomenon a fundamental issue is provoked by the next key question: Can agent-based computational model represent economic reality? To answer this, we must say that any agent-based model is a model of a real economic system that takes input data and creates output data by running computer experiments.

The development of theory and applications of agent-based computational models determined in the last years has brought a real revolution regarding the modelling of complex social systems. Presently, we can say that there is a real confrontation between the adepts of equation-based modelling and of agent-based modelling. A similar "war" was encountered at the end of 19th century and the beginning of 20th century between classical economic school and neoclassical one that lasted till the middle of 20th century with the victory of neoclassical school of Economics. Starting from 1990, Agent-based Economics started an offensive movement in order to obtain important position in the system of mainstream Economics

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