



System Zoo 3 Simulation Models

By Hartmut Bossel

Books On Demand Mrz 2009, 2009. Taschenbuch. Book Condition: Neu. 223x172x22 mm. Neuware - About the book: Mathematical modeling and computer simulation make it possible to understand and control the dynamic processes taking place in complex systems. Simulation provides insights into the often surprising diversity of possible behaviors, and allows identifying possibilities for intervention and options for alternative development. About one hundred simulation models from all areas of life are fully documented in the three volumes of the 'System Zoo'. They can be quickly implemented and easily operated using freely available system dynamics software. Volume 3 of the System Zoo contains simulation models of economic and social systems and global development, among them: production, stocks and orders, marketing and consumption, competition, life planning, employment, ecotax, escalation, dependence, aggression, population and community development, debt crisis, globalization, the world models of the Club of Rome (by Forrester and the Meadows group) and examples of nonnumerical knowledge processing applied to impact assessment and decision processes. The System Zoo collection of simulation models is particularly well-suited for teaching, training, and research projects at all levels from high school to university, and for individual study. Volume 1 of the System Zoo contains simulation models of...



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