



The Dynamics of Complex Urban Systems

By Sergio Albeverio

Physica Okt 2010, 2010. Taschenbuch. Book Condition: Neu. 235x155x26 mm. This item is printed on demand - Print on Demand Neuware - This book contains the contributions presented at the international workshop 'The Dynamics of Complex Urban Systems: an interdisciplinary approach' held in Ascona, Switzerland in November 2004. Experts from several disciplines outline a conceptual framework for modeling and forecasting the dynamics of both growth-limited cities and megacities. Coverage reflects the various interdependencies between structural and social development. The present book outlines a conceptual framework for modelling and forecasting the dynamics of both growth-limited cities and megacities bringing together experts from several disciplines. The interdisciplinary point of view is particularly stressed. The contributions presented reflect the various interdependencies between structural (physics and mathematics models) and social development (spatial decision making and urban planning models). The volume emphasizes not only the contributions from different disciplines but also pays attention to specific problems like model calibration, data availability and management, case studies and interactions with urban planners. It is the collection of all the contributions of the speakers at the international workshop 'The Dynamics of Complex Urban Systems: an interdisciplinary approach' held at Monte Verità (Ascona/Switzerland) from 4th to 6th of November...



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