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Nota di contenuto	The space-time variability of road base accessibility : application to London / Manuel Appert and Laurent Chapelon -- Journey simulation of a movement on a double scale / Fabrice Decoupigny -- Determination of optimal paths in a time-delay graph / Herve Baptiste -- Modeling the evolution of a transport system and its impacts on a French urban system / Herve Baptiste -- Dynamic simulation of urban reorganization of the city of Tours / Philippe Mathis -- From social networks to the sociograph for the analysis of the actors games / Sebastien Larribe -- RESCOM : towards multiagent modeling of urban communication spaces / Ossama Khaddour -- Traffic lanes and emissions of pollutants / Christophe Decoupigny -- Graph theory and representation of distances : chronomaps and other representations / Alain L'Hostis -- Evaluation of covisibility of planning and housing projects / Kamal Serrhini -- Dynamics of Von Thunen's model : duality and multiple levels / Philippe Mathis -- The representation of graphs : a specific domain of graph theory / Philippe Mathis -- Practical examples / Philippe Mathis -- Cellular graphs, MAS and congestion modeling / Jean-Baptiste Buguellou and Philippe Mathis -- Disruptions

in public transport and role of information / Julien Coquio and Philippe Mathis.

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Sommario/riassunto

"This book focuses on the use of graphs for the simulation and representation of transport networks, and is a completely revised and expanded update of the first edition of the same title. The success of the first edition is built upon in order to further improve the book for use as a practical reference, textbook, and as a scholarly exploration."

"The book's scope covers networks in both spatial analysis and urban management, together with simulation using graph theory, a tool that makes it possible to create solutions to various classic problems such as the analysis of high-speed roads between one or more origins and destinations, the capacity of a network, and so on. It is also possible to apply these results to other applications such as personal networks and communications networks, making this book a valuable reference tool for professionals, researchers, and students working in these areas."--  
BOOK JACKET.

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