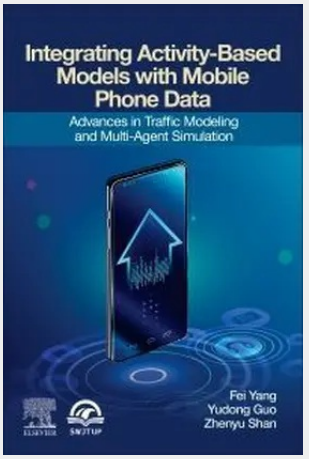
Yang / Guo / Shan

Integrating Activity-Based Models with Mobile Phone Data

Advances in Traffic Modeling and Multi-Agent Simulation



Integrating Activity-Based Models with Mobile Phone Data: Advances in Traffic Modeling and Multi-Agent Simulation analyzes the path from the observation to prediction using traffic big data. The book explores the refined identification method of individual travel chains in the diversified and complex urban travel environment, reconstructing the structure and algorithms of Activity-based Models or ABM based on the characteristics identified by mobile phone signaling data. Final sections develop an activity decision-making and microscopic behavior simulation platform. Users will find this to be a resource that supports urban and regional traffic management optimization and traffic planning using traffic big data.

Integrating Activity-Based Models with Mobile Phone Data: Advances in Traffic Modeling and Multi-Agent Simulation analyzes the path from the observation to prediction using traffic big data. The book explores the refined identification method of individual travel chains in the diversified and complex urban travel environment, reconstructing the structure and algorithms of Activity-based Models or ABM based on the characteristics identified by mobile phone signaling data. Final sections develop an activity decision-making and microscopic behavior simulation platform. Users will find this to be a resource that supports urban and regional traffic management optimization and traffic planning using traffic big data.

119,50 €
119,50 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780443490446
Medium: Buch
ISBN: 978-0-443-49044-6
Verlag: Elsevier Science
Erscheinungstermin: 21.05.2026
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2026
Produktform: Kartoniert
Gewicht: 476 g
Seiten: 296
Format (B x H): 150 x 229 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)