



Springer

1st
edition

2012, VIII, 760 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-90-481-8926-7

£ 199,99 | CHF 259,50 | 219,99 € |
241,99 € (A) | 235,39 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Other renditions

Softcover

ISBN 978-94-007-9483-2

Social Sciences : Human Geography

Heppenstall, A.J., Crooks, A.T., See, L.M., Batty, M. (Eds.), University of Leeds School of Geography, Leeds, UK

Agent-Based Models of Geographical Systems

- The only book to deal specifically with ABM and geographical systems
- A comprehensive set of papers on background, theory, technical issues and applications of ABMs
- Presents a thorough background to the premise of ABM
- Discusses important technical issues such as how to handle errors, validate and visualise ABMs

This unique book brings together a comprehensive set of papers on the background, theory, technical issues and applications of agent-based modelling (ABM) within geographical systems. This collection of papers is an invaluable reference point for the experienced agent-based modeller as well those new to the area. Specific geographical issues such as handling scale and space are dealt with as well as practical advice from leading experts about designing and creating ABMs, handling complexity, visualising and validating model outputs. With contributions from many of the world's leading research institutions, the latest applied research (micro and macro applications) from around the globe exemplify what can be achieved in geographical context. This book is relevant to researchers, postgraduate and advanced undergraduate students, and professionals in the areas of quantitative geography, spatial analysis, spatial modelling, social simulation modelling and geographical information sciences.

Order online at springer.com/book sellers**Springer Nature Customer Service Center GmbH**

Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-book sellers@springernature.com



ISBN 978-90-481-8926-7 / BIC: RGC / SPRINGER NATURE: SCX26000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.