This series reports new developments in agent-based software technologies and agent-oriented software engineering methodologies, with particular emphasis on applications in the area of autonomic computing and communications. The spectrum of the series includes research monographs, high-quality notes resulting from dedicated industrial projects, outstanding Ph.D. theses, and the proceedings of carefully selected conferences. The series is targeted at promoting advanced research and facilitating know-how transfer to industrial use.

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Cervenka, R. / Trencansky, I., both Whitestein Technologies, Bratislava, Slovakia
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Modeling of multi-agent systems still lacks complete and proper definition, general acceptance, and practical application. Due to the vast potential of these systems e.g., to improve the practice in software and to extent the applications that can feasibly be tackled, this book tries to provide a comprehensive modeling language (AML) as an extension of UML 2.0, concentrating on multi-agent systems and applications. 2007. 366 pages. Softcover. ISBN 978-3-7643-8395-4

van Dinther, C., Karlsruhe, Germany
This book shows that and how software agents can be used to simulate bidding behaviour in electronic auctions. The main emphasis of this book is to apply computational economics to market theory. It summarizes the most common and up-to-date agent-based simulation methods and tools and develops the simulation software AMASE. On basis of the introduced methods a model is established to simulate bidding behaviour under uncertainty. 2005. 172 pages. Softcover. ISBN 978-3-7643-7217-0

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Vázquez-Salceda, J., Utrecht University, The Netherlands
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