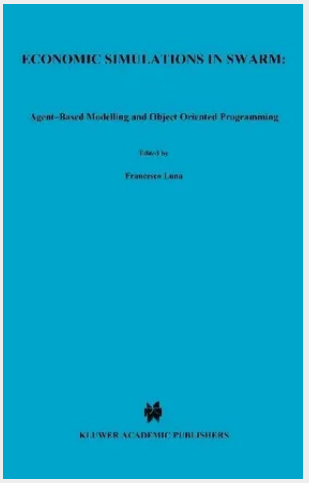
Luna / Stefansson

Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming



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collects a series of original articles in such domains as macro and micro economics, industrial organization, monetary theory, and finance, all linked by a common denominator: the use of the Swarm simulation platform.
Swarm, a standard set of program libraries, allows users to construct simulations where a collection of heterogeneous independent agents or elements interact through discrete events. This volume offers the first extensive tutorial to the use of these software libraries developed at the Santa Fe Institute as part of the ongoing research into complexity.
The editors conceived the idea of this book while visiting the Santa Fe Institute as members of the `Working Group on Adaptive and Computable Economics'. Francesco Luna is a specialist in Computable Economics, and Benedikt Stefansson is an active contributor to the Swarm community.

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160,49 €
149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780792386650
Medium: Buch
ISBN: 978-0-7923-8665-0
Verlag: Springer
Erscheinungstermin: 31.01.2000
Sprache(n): Englisch
Auflage: 1. Auflage 2000
Serie: Advances in Computational Economics
Produktform: Gebunden
Gewicht: 1410 g
Seiten: 291
Format (B x H): 160 x 241 mm

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