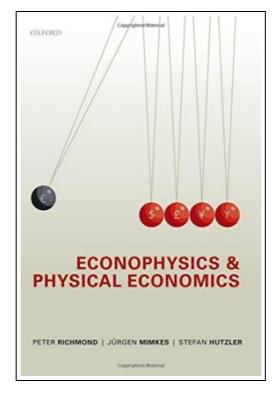
Econophysics and Physical Economics (Hardback)



Filesize: 5.48 MB

Reviews

An extremely wonderful pdf with perfect and lucid information. Better then never, though i am quite late in start reading this one. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Elenor Koch PhD)

ECONOPHYSICS AND PHYSICAL ECONOMICS (HARDBACK)



Oxford University Press, United Kingdom, 2013. Hardback. Condition: New. Language: English. Brand new Book. An understanding of the behaviour of financial assets and the evolution of economies has never been as important as today. This book looks at these complex systems from the perspective of the physicist. So called 'econophysics' and its application to finance has made great strides in recent years. Less emphasis has been placed on the broader subject of macroeconomics and many economics students are still taught traditional neo-classical economics. The reader is given a general primer in statistical physics, probability theory, and use of correlation functions. Much of the mathematics that is developed is frequently no longer included in undergraduate physics courses. The statistical physics of Boltzmann and Gibbs is one of the oldest disciplines within physics and it can be argued that it was first applied to ensembles of molecules as opposed to being applied to social agents only by way of historical accident. The authors argue byanalogy that the theory can be applied directly to economic systems comprising assemblies of interacting agents. The necessary tools and mathematics are developed in a clear and concise manner. The body of work, now termed econophysics, is then developed. The authors show where traditional methods breakdown and show how the probability distributions and correlation functions can be properly understood using high frequency data. Recent work by the physics community on risk and market crashes are discussed together with new work on betting markets as well as studies of speculative peaks that occur in housing markets. The second half of the book continues the empirical approach showing how by analogy with thermodynamics, a self-consistent attack can be made on macroeconomics. This leads naturally to economic production functions being equated to entropy functions - a new concept for economists. Issues...



Read Econophysics and Physical Economics (Hardback) Online Download PDF Econophysics and Physical Economics (Hardback)

Other Books



Scientific and Applied Pharmacognosy, Intended for the Use of Students in Pharmacy, as a Hand Book for Pharmacists, and as a Reference Book for Food and Drug Analysts and Pharmacologists (Hardback)

Franklin Classics, United States, 2018. Hardback. Condition: New. Language: English. Brand new Book. This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we...

Save Book

>>



Scientific and Applied Pharmacognosy: Intended for the Use of Students in Pharmacy, as a Hand Book for Pharmacists, and as a Reference Book for Food and Drug Analysts and Pharmacologists (Hardback)

Arkose Press, United States, 2015. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. This work has been selected by scholars as being culturally important, and is part of the knowledge...

Save Book

..



The Tabernacle or the Gospel According to Moses (Hardback)

Wentworth Press, United States, 2019. Hardback. Condition: New. Language: English. Brand new Book. This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we...

Save Rook

*



How to Be a Man (Hardback)

HarperCollins Publishers, United Kingdom, 2018. Hardback. Condition: New. Language: English. Brand new Book. Are men supposed to be fighters? Lovers? Hunter-gatherers? Fashionistas? Business gurus? Culinary experts? You're wrong if you think one man can't be...

Save Book

»



The Economics of Continuous-Time Finance (Hardback)

MIT Press Ltd, United States, 2017. Hardback. Condition: New. Language: English. Brand new Book. An introduction to economic applications of the theory of continuous-time finance that strikes a balance between mathematical rigor and economic interpretation...

Save Book

»



Sociology of Diagnosis (Hardback)

Emerald Publishing Limited, United Kingdom, 2011. Hardback. Condition: New. Language: English. Brand new Book. Diagnosis is central to medical practice, medical knowledge and research, medicalization dynamics, and health and illness experience. Embedded in social relations,

Read Document

»



Bayesian Biostatistics (Hardback)

John Wiley & Sons Inc, United States, 2012. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. The growth of biostatistics has been phenomenal in recent years and has been marked by considerable technical

Read Document

>>



Nightmares! (Hardback)

Delacorte Press, United States, 2014. Hardback. Condition: New. Karl Kwasny (illustrator). Language: English. Brand new Book. "Coraline meets Monsters, Inc. in this delightfully entertaining offering from actor [Jason] Segel and co-author [Kirsten] Miller."--Publishers Weekly The

Read Document

»



Muse of Nightmares: the magical sequel to Strange the Dreamer (Hardback)

HODDER & STOUGHTON, United Kingdom, 2018. Hardback. Condition: New. Language: English. Brand new Book. 'Muse of Nightmares is a philosophical fantasy adventure, an epic love story, a daring quest that demands to be read and

Read Document

>>



An Introduction to Organic Lasers (Hardback)

ISTE Press Ltd - Elsevier Inc, United Kingdom, 2017. Hardback. Condition: New. Language: English. Brand new Book. One of the biggest challenges of organic optoelectronics is the realization of the first organic laser diode (electrically

Read Document

»