

Social Phenomena: From Data Analysis to Models (Computational Social Sciences)

From Springer

Download now

Read Online

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer

This book focuses on the new possibilities and approaches to social modeling currently being made possible by an unprecedented variety of datasets generated by our interactions with modern technologies. This area has witnessed a veritable explosion of activity over the last few years, yielding many interesting and useful results. Our aim is to provide an overview of the state of the art in this area of research, merging an extremely heterogeneous array of datasets and models. *Social Phenomena: From Data Analysis to Models* is divided into two parts. Part I deals with modeling social behavior under normal conditions: How we live, travel, collaborate and interact with each other in our daily lives. Part II deals with societal behavior under exceptional conditions: Protests, armed insurgencies, terrorist attacks, and reactions to infectious diseases. This book offers an overview of one of the most fertile emerging fields bringing together practitioners from scientific communities as diverse as social sciences, physics and computer science. We hope to not only provide an unifying framework to understand and characterize social phenomena, but also to help foster the dialogue between researchers working on similar problems from different fields and perspectives.

Download Social Phenomena: From Data Analysis to Models (Co ...pdf

Read Online Social Phenomena: From Data Analysis to Models (...pdf

Social Phenomena: From Data Analysis to Models (Computational Social Sciences)

From Springer

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer

This book focuses on the new possibilities and approaches to social modeling currently being made possible by an unprecedented variety of datasets generated by our interactions with modern technologies. This area has witnessed a veritable explosion of activity over the last few years, yielding many interesting and useful results. Our aim is to provide an overview of the state of the art in this area of research, merging an extremely heterogeneous array of datasets and models. *Social Phenomena: From Data Analysis to Models* is divided into two parts. Part I deals with modeling social behavior under normal conditions: How we live, travel, collaborate and interact with each other in our daily lives. Part II deals with societal behavior under exceptional conditions: Protests, armed insurgencies, terrorist attacks, and reactions to infectious diseases. This book offers an overview of one of the most fertile emerging fields bringing together practitioners from scientific communities as diverse as social sciences, physics and computer science. We hope to not only provide an unifying framework to understand and characterize social phenomena, but also to help foster the dialogue between researchers working on similar problems from different fields and perspectives.

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer Bibliography

- Sales Rank: #3795772 in Books
- Published on: 2015-08-15
- Original language: English
- Number of items: 1
- Dimensions: .81" h x 6.18" w x 9.53" l, .0 pounds
- Binding: Hardcover
- 260 pages

Download Social Phenomena: From Data Analysis to Models (Co ...pdf

Read Online Social Phenomena: From Data Analysis to Models (...pdf

Download and Read Free Online Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer

Editorial Review

Review

“As a collection of state-of-the-art summaries and several interesting applications, it could easily form the foundation of multidisciplinary conversations on the future of big data and modeling and simulation to advance understanding of social phenomena. Social Phenomena would serve as a solid starting point for those researchers interested in delving into the increasingly large, available datasets to enhance their models.” (Erika Frydenlund, JASSS The Journal of Artificial Societies and Social Simulation, Vol. 19 (2), March, 2016)

“This book is essentially a reference book on data analysis and models. It does a superb job in this domain.” (M. M. Tanik, Computing Reviews, January, 2016)

From the Back Cover
This book focuses on the new possibilities and approaches to social modeling currently being made possible by an unprecedented variety of datasets generated by our interactions with modern technologies. This area has witnessed a veritable explosion of activity over the last few years, yielding many interesting and useful results. Our aim is to provide an overview of the state of the art in this area of research, merging an extremely heterogeneous array of datasets and models. *Social Phenomena: From Data Analysis to Models* is divided into two parts. Part I deals with modeling social behavior under normal conditions: How we live, travel, collaborate and interact with each other in our daily lives. Part II deals with societal behavior under exceptional conditions: Protests, armed insurgencies, terrorist attacks, and reactions to infectious diseases. This book offers an overview of one of the most fertile emerging fields bringing together practitioners from scientific communities as diverse as social sciences, physics and computer science. We hope to not only provide an unifying framework to understand and characterize social phenomena, but also to help foster the dialogue between researchers working on similar problems from different fields and perspectives.

Users Review

From reader reviews:

William Jewell:

What do you about book? It is not important together with you? Or just adding material when you really need something to explain what yours problem? How about your spare time? Or are you busy man? If you don't have spare time to try and do others business, it is make you feel bored faster. And you have extra time? What did you do? Everyone has many questions above. They have to answer that question due to the fact just their can do that will. It said that about publication. Book is familiar on every person. Yes, it is correct. Because start from on pre-school until university need this Social Phenomena: From Data Analysis to Models (Computational Social Sciences) to read.

Judy Washburn:

Nowadays reading books are more than want or need but also work as a life style. This reading routine give you lot of advantages. The benefits you got of course the knowledge even the information inside the book this improve your knowledge and information. The details you get based on what kind of publication you read, if you want have more knowledge just go with training books but if you want feel happy read one along with theme for entertaining for instance comic or novel. The actual Social Phenomena: From Data Analysis to Models (Computational Social Sciences) is kind of publication which is giving the reader unstable experience.

Nancy Herman:

Often the book Social Phenomena: From Data Analysis to Models (Computational Social Sciences) will bring you to the new experience of reading the book. The author style to explain the idea is very unique. Should you try to find new book to study, this book very acceptable to you. The book Social Phenomena: From Data Analysis to Models (Computational Social Sciences) is much recommended to you you just read. You can also get the e-book through the official web site, so you can quickly to read the book.

Brenda Luna:

Often the book Social Phenomena: From Data Analysis to Models (Computational Social Sciences) has a lot details on it. So when you check out this book you can get a lot of benefit. The book was written by the very famous author. The author makes some research previous to write this book. This specific book very easy to read you will get the point easily after looking over this book.

Download and Read Online Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer #8AJB26YEKUO

Read Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer for online ebook

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer books to read online.

Online Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer ebook PDF download

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer Doc

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer Mobipocket

Social Phenomena: From Data Analysis to Models (Computational Social Sciences) From Springer EPub