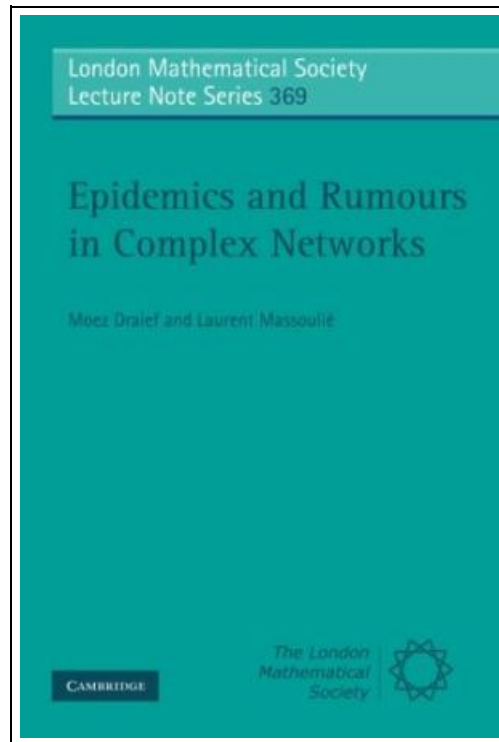


## Epidemics and Rumours in Complex Networks (Paperback)



Filesize: 5.87 MB

### ***Reviews***

*Unquestionably, this is the best work by any author. Better than ever, though I am quite late in starting to read this one. I realized this publication from my dad and I advised this PDF to find out.*  
**(Nelson Zemplak)**

## EPIDEMICS AND RUMOURS IN COMPLEX NETWORKS (PAPERBACK)

[DOWNLOAD](#)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2010. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Information propagation through peer-to-peer systems, online social systems, wireless mobile ad hoc networks and other modern structures can be modelled as an epidemic on a network of contacts. Understanding how epidemic processes interact with network topology allows us to predict ultimate course, understand phase transitions and develop strategies to control and optimise dissemination. This book is a concise introduction for applied mathematicians and computer scientists to basic models, analytical tools and mathematical and algorithmic results. Mathematical tools introduced include coupling methods, Poisson approximation (the Stein-Chen method), concentration inequalities (Chernoff bounds and Azuma-Hoeffding inequality) and branching processes. The authors examine the small-world phenomenon, preferential attachment, as well as classical epidemics. Each chapter ends with pointers to the wider literature. An ideal accompaniment for graduate courses, this book is also for researchers (statistical physicists, biologists, social scientists) who need an efficient guide to modern approaches to epidemic modelling on networks.

[Read Epidemics and Rumours in Complex Networks \(Paperback\) Online](#)[Download PDF Epidemics and Rumours in Complex Networks \(Paperback\)](#)

## You May Also Like



### **Spectrum Reading for Theme and Details in Literature, Grade 4**

Spectrum, United States, 2015. Paperback. Book Condition: New. 269 x 208 mm. Language: English . Brand New Book. Spectrum(R) Reading for Theme and Details in Literature teaches and reinforces the essential reading comprehension skills your...

[Download PDF »](#)



### **Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

[Download PDF »](#)



### **Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452**

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Download PDF »](#)



### **Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann**

CRAM101, United States, 2013. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and...

[Download PDF »](#)



### **Mass Media Law: The Printing Press to the Internet**

Peter Lang Publishing Inc, United States, 2013. Paperback. Book Condition: New. New.. 251 x 175 mm. Language: English . Brand New Book. Digital media law is now the dynamic legal territory. Mass Media Law: The...

[Download PDF »](#)