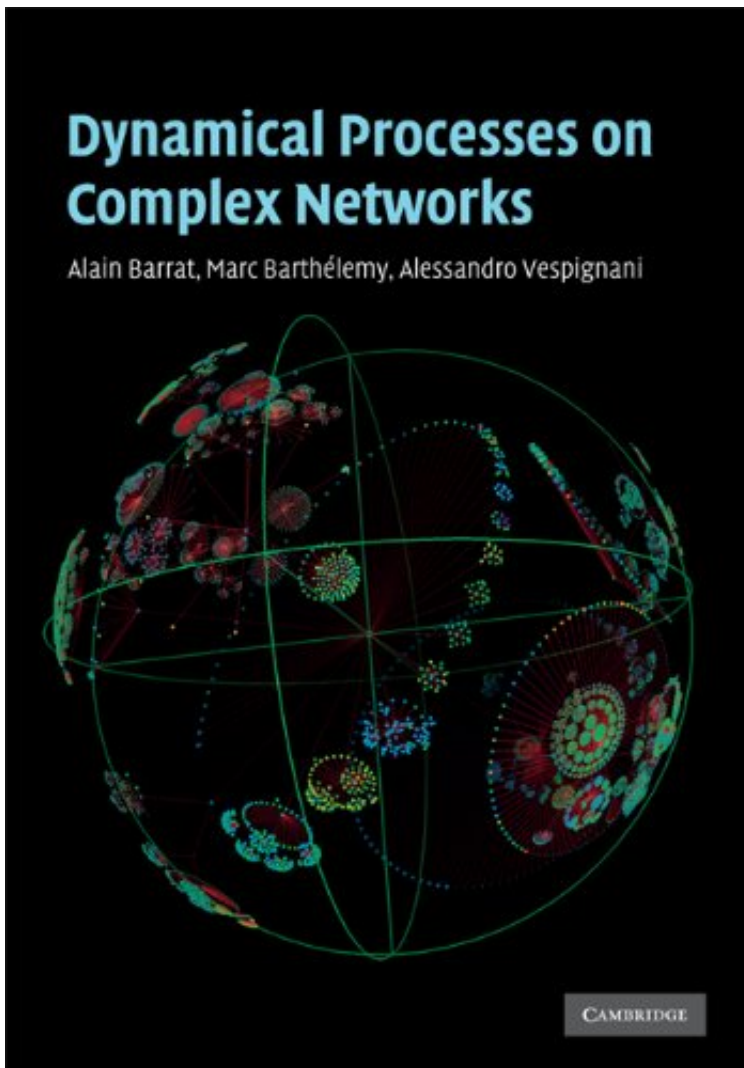


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Dynamical Processes on Complex Networks



*Par Alain Barrat, Marc Barthélemy,
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subject. Revue de presse of the hardback: 'With a focus in dynamical processes, this book is an excellent introduction on the statistical mechanics approach of networks. Not only [does] it consist of a wide array of commonly used techniques in the discipline but also it provides multitudes of the techniques' applied examples this book could serve as an introduction book and a reference to new-to-the-topic JASSS readers. To conclude, I believe that this book has contributed another step in integrating the vast multidisciplinary approaches in network science.' Journal of Artificial Societies and Social Simulation of the hardback: 'the book does a terrific and admirable job at putting some order into the wealth of research that has emerged during the last decade a fantastic resource book on dynamical processes on complex networks, and its wide scope promises to keep it relevant for several years to come.' Journal of Statistical Physics of the hardback: 'a very useful book that fills an important gap in the market of books on networks I will be opening this book whenever I want to start modelling a dynamical process on a network.' Contemporary Physics

The book does a remarkably good job in getting to the mathematical foundations of dynamical processes and complex networks. Hence, it should belong in the bookshelf of any sociologist who is seriously interested in complex and dynamic networks. It gives a great overview of techniques in the field and provides the mathematical depth one wishes for in a manner sociologists can understand. In sum, the book has potential to become a reference like Wasserman and Faust (1994) and offers significant (technical) value to sociologists who seriously want to get into the mathematics behind dynamical processes and complex networks.' Thomas U. Grund, Journal of Mathematical Sociology

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