1. Record Nr.   UNINA9910133790303321

   Titolo   Emerging Language Practices : ELP

   Pubbl/distr/stampa Buffalo, NY, : Electronic Poetry Center, 2011-2012

   Descrizione fisica Online-Ressource

   Disciplina   400

   Soggetti   Zeitschrift

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Periodico

   Note generali   Gesehen am 20.09.2017

2. Record Nr.   UNINA9910503008303321

   Autore   Bertin Eric

   Titolo   Statistical Physics of Complex Systems : A Concise Introduction / / by
                       Eric Bertin

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                       2021

   ISBN   3-030-79949-2

   Edizione   [3rd ed. 2021.]

   Descrizione fisica 1 online resource (303 pages)

   Collana   Springer Series in Synergetics, , 2198-333X

   Disciplina   530.13

   Soggetti   System theory
                       Dynamics
                       Nonlinear theories
                       Mathematical physics
                       Complex Systems
                       Applied Dynamical Systems
                       Theoretical, Mathematical and Computational Physics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

Nota di contenuto	Chapter 1. Equilibrium Statistical Physics -- Chapter 2. Non-equilibrium Dynamics and Stochastic Formalism -- Chapter 3. Models of particles driven out of equilibrium -- Chapter 4. Simple models of socials agents -- Chapter 5. Evolutionary dynamics -- Chapter 6. Complex networks -- Chapter 7. Statistical description of chaotic deterministic systems -- Chapter 8. A probabilistic viewpoint on fluctuations and rare events.
Sommario/riassunto	This third edition of Statistical Physics of Complex Systems has been expanded to provide more examples of applications of concepts and methods from statistical physics to the modeling of complex systems. These include avalanche dynamics in materials, models of social agents like road traffic or wealth repartition, the real space aspects of biological evolution dynamics, propagation phenomena on complex networks, formal neural networks and their connection to constraint satisfaction problems. This course-tested textbook provides graduate students and non-specialists with a basic understanding of the concepts and methods of statistical physics and demonstrates their wide range of applications to interdisciplinary topics in the field of complex system sciences, including selected aspects of theoretical modeling in biology and the social sciences. It covers topics such as non-conserved particles, evolutionary population dynamics, networks, properties of both individual and coupled simple dynamical systems, and convergence theorems, as well as short appendices that offer helpful hints on how to perform simple stochastic simulations in practice. The original spirit of the book is to remain accessible to a broad, non-specialized readership. The format is a set of concise, modular, and self-contained topical chapters, avoiding technicalities and jargon as much as possible, and complemented by a wealth of worked-out examples, so as to make this work useful as a self-study text or as textbook for short courses.