1. Record Nr. UNISALENTO991003202629707536

Autore	Bodel, Jean
Titolo	Le jeu de Saint Nicolas / de Jean Bodel ; introduction, édition, traduction, notes, glossaire complet, tables par Albert Henry
Pubbl/distr/stampa	Bruxelles : Presses universitaires de Bruxelles, 1962
Descrizione fisica	397 p. ; 22 cm
Altri autori (Persone)	Henry, Albert
Disciplina	842.1
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910965668603321

Autore	Northrop Robert B.
Titolo	Introduction to complexity and complex systems / / by Robert B. Northrop
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2010
ISBN	1-4665-0016-6 0-429-11309-9 1-4398-9498-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (542 p.)
Disciplina	570.11
Soggetti	Complexity (Philosophy) Chaotic behavior in systems Biocomplexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Preface; Author; 1. Introduction to Complexity and Complex Systems; 2. Introduction to Large Linear Systems; 3.

Introduction to Biochemical Oscillators and Complex, Nonlinear Biochemical Systems; 4. Modularity, Redundancy, Degeneracy, Pleiotropy, and Robustness in Complex Biological Systems; 5. Evolution of Biological Complexity: Invertebrate Immune Systems; 6. Complex Adaptive and Innate Human Immune Systems; 7. Complexity in Quasispecies and MicroRNAs; 8. Introduction to Physiological Complexity: Examples of Models of Some Complex Physiological Systems
9. Quest for Quantitative Measures of Complexity10. "Irreducible" and "Specified Complexity "in Living Systems; 11. Introduction to Complexity in Economic Systems; 12. Dealing with Complexity; Appendix A: SimnonTM Programs Used in Chapters 3 and 8; Appendix B: How to Use Root Locus to Determine the Stability of SISO Linear Control Systems; Appendix C: Bode Plots; Appendix D: Nyquist Plots; Glossary; Bibliography and Related Readings; Back Cover

Sommario/riassunto

The boundaries between simple and complicated, and complicated and complex system designations are fuzzy and debatable, even using quantitative measures of complexity. However, if you are a biomedical engineer, a biologist, physiologist, economist, politician, stock market speculator, or politician, you have encountered complex systems. Furthermore, your success depends on your ability to successfully interact with and manage a variety of complex systems. In order not to be blindsided by unexpected results, we need a systematic, comprehensive way of analyzing, modeling, and simulating complex systems to predict non-anticipated outcomes. In its engaging first chapters, the book introduces complex systems, Campbell's Law, and the Law of Unintended Consequences, and mathematics necessary for conversations in complex systems. Subsequent chapters illustrate concepts via commonly studied biological mechanisms. The final chapters focus on higher-level complexity problems, and introduce complexity in economic systems. Designed as a reference for biologists and biological engineers, Introduction to Complexity and Complex Systems lends itself to use in a classroom course to introduce advanced students studying biomedical engineering, biophysics, or physiology to complex systems. Engaging and illustrative, this book aids scientists and decision makers in managing biological complexity and complex systems.

3.

Record Nr.	UNISANNIOUMC0012749
Autore	Windscheid, Bernhard
Titolo	2 / Bernardo Windscheid
Pubbl/distr/stampa	Torino, : Unione Tipografico-Editrice Torinese, 1930
Edizione	[Rist. stereotipa]
Descrizione fisica	909 p. ; 24 cm.
Disciplina	340.54
Soggetti	Digesto
Collocazione	D (AR) 27 921
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia