

1. Record Nr.	UNINA9910136109003321
Autore	Porter Stanley E. <1956->
Titolo	The Apostle Paul : his life, thought, and letters // Stanley E. Porter
Pubbl/distr/stampa	Grand Rapids, Michigan : , : William B. Eerdmans Publishing Company, , 2016 ©2016
ISBN	1-4674-4540-1
Descrizione fisica	1 online resource (439 pages)
Disciplina	225.9/2
Soggetti	Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

2. Record Nr.	UNINA9910815726703321
Autore	Vakulenko Sergey
Titolo	Complexity and evolution of dissipative systems : an analytical approach // Sergey Vakulenko
Pubbl/distr/stampa	Berlin ; ; Boston : , : Walter de Gruyter GmbH & Co., KG, , [2014] ©2014
ISBN	3-11-026828-0
Descrizione fisica	1 online resource (316 p.)
Collana	De Gruyter Series in Mathematics and Life Sciences ; ; 4 De Gruyter series in mathematics and life sciences, , 2195-5530 ; ; 4
Classificazione	SK 560
Disciplina	003
Soggetti	Mathematical physics Energy dissipation Biophysics Attractors (Mathematics) Chaotic behavior in systems
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 and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. Introduction -- 2. Complex dynamics in neural and genetic networks -- 3. Complex patterns and attractors for reaction-diffusion systems -- 4. Random perturbations, evolution and complexity -- Bibliography -- Index -- Backmatter
Sommario/riassunto	This book focuses on the dynamic complexity of neural, genetic networks, and reaction diffusion systems. The author shows that all robust attractors can be realized in dynamics of such systems. In particular, a positive solution of the Ruelle-Takens hypothesis for on chaos existence for large class of reaction-diffusion systems is given. The book considers viability problems for such systems - viability under extreme random perturbations - and discusses an interesting hypothesis of M. Gromov and A. Carbone on biological evolution. There appears a connection with the Kolmogorov complexity theory. As applications, transcription-factors-microRNA networks are considered, patterning in biology, a new approach to estimate the computational power of neural and genetic networks, social and economical networks, and a connection with the hard combinatorial problems.

