1. Record Nr. UNISALENTO991002105039707536

Titolo	Developmental genetics [online]
Pubbl/distr/stampa	New York : Wiley, 1996-1999
ISSN	1520-6408
Soggetti	Cell differentiation - Periodicals Molecular biology - Periodicals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910299769303321

Autore	Anderson David F
Titolo	Stochastic Analysis of Biochemical Systems / / by David F. Anderson, Thomas G. Kurtz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16895-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (X, 84 p. 4 illus.)
Collana	Stochastics in Biological Systems, , 2364-2297 ; ; 1.2
Disciplina	519.22
Soggetti	Biomathematics Probabilities Mathematical models Mathematical and Computational Biology Probability Theory and Stochastic Processes Mathematical Modeling and Industrial Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book focuses on counting processes and continuous-time Markov chains motivated by examples and applications drawn from chemical

networks in systems biology. The book should serve well as a supplement for courses in probability and stochastic processes. While the material is presented in a manner most suitable for students who have studied stochastic processes up to and including martingales in continuous time, much of the necessary background material is summarized in the Appendix. Students and Researchers with a solid understanding of calculus, differential equations, and elementary probability and who are well-motivated by the applications will find this book of interest. David F. Anderson is Associate Professor in the Department of Mathematics at the University of Wisconsin and Thomas G. Kurtz is Emeritus Professor in the Departments of Mathematics and Statistics at that university. Their research is focused on probability and stochastic processes with applications in biology and other areas of science and technology. These notes are based in part on lectures given by Professor Anderson at the University of Wisconsin – Madison and by Professor Kurtz at Goethe University Frankfurt. .