

1. Record Nr.	UNINA9910154754503321
Autore	Nelson Edward
Titolo	Radically Elementary Probability Theory. (AM-117), Volume 117 // Edward Nelson
Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2016] ©2016
ISBN	1-4008-8214-1
Descrizione fisica	1 online resource (109 pages) : illustrations
Collana	Annals of Mathematics Studies ; ; 120
Disciplina	519.2
Soggetti	Martingales (Mathematics) Stochastic processes Probabilities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Table of contents -- Preface -- Acknowledgments -- 1. Random variables -- 2. Algebras of random variables -- 3. Stochastic processes -- 4. External concepts -- 5. Infinitesimals -- 6. External analogues of internal notions -- 7. Properties that hold almost everywhere -- 8. L1 random variables 30 -- 9. The decomposition of a stochastic process -- 10. The total variation of a process -- 11. Convergence of martingales -- 12. Fluctuations of martingales -- 13. Discontinuities of martingales -- 14. The Lindeberg condition -- 15. The maximum of a martingale -- 16. The law of large numbers -- 17. Nearly equivalent stochastic processes -- 18. The de Moivre-Laplace-Lindeberg-Feller-Wiener- Lévy-Doob-Erdős-Kac-Donsker-Prokhorov theorem -- Appendix -- Index
Sommario/riassunto	Using only the very elementary framework of finite probability spaces, this book treats a number of topics in the modern theory of stochastic processes. This is made possible by using a small amount of Abraham Robinson's nonstandard analysis and not attempting to convert the results into conventional form.

2. Record Nr.	UNINA9910298417303321
Titolo	Physiology and Genetics : Selected Basic and Applied Aspects // edited by Timm Anke, Anja Schüffler
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-71740-5
Edizione	[2nd ed. 2018.]
Descrizione fisica	1 online resource (464 pages) : illustrations
Collana	The Mycota, A Comprehensive Treatise on Fungi as Experimental Systems for Basic and Applied Research ; ; 15
Disciplina	589.20415
Soggetti	Mycology Microbial genetics Microbial genomics Microbiology Microbial Genetics and Genomics Applied Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Fruiting Body Development in Ascomycetes -- Fungal inteins -- Distribution, Evolution and Applications -- Yeast killer toxins: fundamentals and applications -- The fungal MCC/eisosome complex -- an unfolding story -- The Genus Periglandula and its Symbiotum with Morning Glory Plants (Convolvulaceae) -- Volatiles in communication of Agaricomycetes -- Endophytic Fungi, Occurrence and Metabolites -- Secondary Metabolites of Basidiomycetes -- Identification of fungicide targets in pathogenic fungi -- Helminth Electron Transport Inhibitors Produced by Fungi -- Cyclic peptides and depsipeptides from fungi -- Polyketide Synthase–Nonribosomal Peptide Synthetase Hybrid Enzymes of Fungi -- Biosynthesis of Fungal Polyketides -- Aspects of the occurrence, genetics and regulation of biosynthesis of the three food relevant Penicillium mycotoxins: ochratoxin A, citrinin and patulin.
Sommario/riassunto	In the last few decades, DNA-based tools for the investigation of fungal taxonomy, signal transduction and regulation, differentiation processes and biosynthetic potential have accelerated advances in our

understanding of the Mycota. This completely updated and revised second edition presents a selection of exciting issues involving basic and applied aspects of fungal physiology and genetics. In 14 chapters, respected experts provide an overview of traditional, topical and future aspects of basic fungal principles and potential applications in biotechnology. The contributions will bring scientists up-to-date on the latest developments, and help students familiarize themselves with the different topics.

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