1. Record Nr. UNINA9910782969303321

Autore	Bell Peter Robert
Titolo	Green plants : their origin and diversity / / Peter R. Bell, Alan R. Hemsley [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2000
ISBN	1-107-11618-X 1-280-95580-5 9786610955800 0-511-80783-X 0-511-35131-3 0-511-04029-6 0-511-15536-0 0-511-55619-5 0-511-05152-2
Edizione	[Second edition.]
Descrizione fisica	1 online resource (vii, 349 pages) : digital, PDF file(s)
Disciplina	581.3/8
Soggetti	Botany Plants Plants - Evolution Plants - Variation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p.[327]-329).
Nota di contenuto	Cover; Half-title; Title; Copyright; Contents; Preface to the first edition; Preface to the second edition; 1 General features of the plant kingdom; 2 The subkingdom Algae: Part 1; 3 The subkingdom Algae: Part 2; 4 The subkingdom Algae: Part 3; 5 The subkingdom Embryophyta: division Bryophyta (mosses and liverworts); 6 The subkingdom Embryophyta (cont.): division Tracheophyta, Part I; 7 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 2; 8 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 3; 9 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 4 GlossarySuggestions for further reading; Index
Sommario/riassunto	The central theme of Green Plants, first published in 2000, is the

	astonishing diversity of forms found in the plant kingdom, from the simplicity of prokaryotic algae to the myriad complexities of flowering plants. The book is arranged according to generally accepted classification schemes, beginning with algae (prokaryotic and eukaryotic) and moving through mosses, liverworts, fern allies, ferns and gymnosperms to flowering plants. Copiously illustrated throughout, it provides a concise account of all algae and land plants, with information on topics from cellular structure to life cycles and reproduction. The authors maintain a refreshingly cautious approach in discussions of possible phylogenetic relationships and include newly emerging information on features of plants known only as fossils. This edition has been completely updated to reflect current views on the origin of the major groups of plants, providing a resource for students of botany, and for researchers needing a comprehensive reference to the plant kingdom.

2.

Record Nr.	UNINA9910484562503321
Autore	Friz Peter K
Titolo	A Course on Rough Paths : With an Introduction to Regularity Structures / / by Peter K. Friz, Martin Hairer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783030415563 3030415562
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (354 pages) : illustrations
Collana	Universitext, , 2191-6675
Disciplina	519.2 519.22
Soggetti	Probabilities Differential equations Probability Theory Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto	1 Introduction -- 2 The space of rough paths -- 3 Brownian motion as a rough path -- 4 Integration against rough paths -- 5 Stochastic integration and Itô's formula -- 6 Doob–Meyer type decomposition for rough paths -- 7 Operations on controlled rough paths -- 8 Solutions to rough differential equations -- 9 Stochastic differential equations -- 10 Gaussian rough paths -- 11 Cameron–Martin regularity and applications -- 12 Stochastic partial differential equations -- 13 Introduction to regularity structures -- 14 Operations on modelled distributions -- 15 Application to the KPZ equation -- References -- Index.
Sommario/riassunto	With many updates and additional exercises, the second edition of this book continues to provide readers with a gentle introduction to rough path analysis and regularity structures, theories that have yielded many new insights into the analysis of stochastic differential equations, and, most recently, stochastic partial differential equations. Rough path analysis provides the means for constructing a pathwise solution theory for stochastic differential equations which, in many respects, behaves like the theory of deterministic differential equations and permits a clean break between analytical and probabilistic arguments. Together with the theory of regularity structures, it forms a robust toolbox, allowing the recovery of many classical results without having to rely on specific probabilistic properties such as adaptedness or the martingale property. Essentially self-contained, this textbook puts the emphasis on ideas and short arguments, rather than aiming for the strongest possible statements. A typical reader will have been exposed to upper undergraduate analysis and probability courses, with little more than Itô-integration against Brownian motion required for most of the text. From the reviews of the first edition: "Can easily be used as a support for a graduate course ... Presents in an accessible way the unique point of view of two experts who themselves have largely contributed to the theory" - Fabrice Baudouin in the Mathematical Reviews "It is easy to base a graduate course on rough paths on this … A researcher who carefully works her way through all of the exercises will have a very good impression of the current state of the art" - Nicolas Perkowski in Zentralblatt MATH.