

1. Record Nr.	UNINA9910800187403321
Autore	Hrbacek Karel <1944, >
Titolo	Analysis with ultrasmall numbers // Karel Hrbacek, The City College of New York, USA, Olivier Lessmann, College Rousseau, Geneva, Switzerland, Richard O'Donovan, CEC Andre-Chavanne, Geneva, Switzerland
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , [2015] ©2015
ISBN	0-429-17240-0 1-4987-0266-X
Descrizione fisica	1 online resource (320 p.)
Collana	Textbooks in mathematics
Disciplina	515
Soggetti	Calculus Calculus - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A CRC title. A Chapman and Hall book.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Preface; Preface for Students; Acknowledgments; Authors; Part I: Elementary Analysis; Chapter 1: Basic Concepts; Chapter 2: Continuity and Limits; Chapter 3: Differentiability; Chapter 4: Integration of Continuous Functions; Part II: Higher Analysis; Chapter 5: Basic Concepts Revisited; Chapter 6: L'Hopital's Rule and Higher Order Derivatives; Chapter 7: Sequences and Series; Chapter 8: First Order Differential Equations; Chapter 9: Integration; Chapter 10: Topology of Real Numbers; Answers to Exercises; Appendix: Foundations and Relative Set Theory; Bibliography Back Cover
Sommario/riassunto	Analysis with Ultrasmall Numbers presents an intuitive treatment of mathematics using ultrasmall numbers. With this modern approach to infinitesimals, proofs become simpler and more focused on the combinatorial heart of arguments, unlike traditional treatments that use epsilon-delta methods. Students can fully prove fundamental results, such as the Extreme Value Theorem, from the axioms immediately, without needing to master notions of supremum or

compactness. The book is suitable for a calculus course at the undergraduate or high school level or for self-study with an emphasis on nonstandard

2. Record Nr.	UNINA9911019656303321
Autore	Hadjsaid Nouredine
Titolo	Power systems and restructuring // Nouredine Hadjsaid, Jean-Claude Sabonnadiere ; [translated from the French by Yahia Baghzouz]
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2009
ISBN	9781118558300 1118558308 9781118599921 1118599926 9781118599983 1118599985 9781299187382 1299187382
Descrizione fisica	1 online resource (705 p.)
Collana	ISTE
Altri autori (Persone)	SabonnadiereJean-Claude SabonnadiereJean-Claude BaghzouzYahia
Disciplina	621.319/1
Soggetti	Electric power systems Electric networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"First published 2007 and 2008 in France by Hermes Science/Lavoisier in 4 volumes entitled: Lignes et reseaux electriques"--T.p. verso.
Nota di bibliografia	Includes bibliographical references (p. [665]-669) and index.
Nota di contenuto	pt. 1. Transmission lines and electric power networks -- pt. 2. Analysis methods of electrical power systems -- pt. 3. Management of electricity networks in a competitive environment -- pt. 4. Exercise solutions.
Sommario/riassunto	The development of electric power systems has been made up of incremental innovations from the end of the 19th century and

throughout the 20th century. The creation of deregulated electricity markets has brought about an emerging paradigm in which the relationships between producers, power system operators and consumers have changed enormously compared to the monopolistic case. The scope of this book is to provide fundamental concepts of the physics and operation of transmission and distribution lines, which is the content of Part 1, followed by the models and tools for the description and s
