1. Record Nr. UNISOBE600200039219

Autore	Jurlaro, Rosario
Titolo	Continente masseria : alle radici del sud mediterraneo / Rosario Jurlaro ; con sei disegni di Antonio Scivales
Pubbl/distr/stampa	Ravenna, : Longo, 1995
Descrizione fisica	172 p. : ill. ; 21 cm
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910483398203321

Autore	Ovchinnikov SergeiÌ
Titolo	Real analysis : foundations / / SergeiÌ Ovchinnikov
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-64701-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XII, 178 p. 13 illus.)
Collana	Universitext
Disciplina	515.8
Soggetti	Mathematical analysis Functions of real variables Ordered fields
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 Rational Numbers -- 2 Real Numbers -- 3 Continuous Functions -- 4 Differentiation -- 5 Integration -- 6 Infinite Series -- A Natural Numbers and Integers -- B Dedekind's Construction of Real Numbers. C A Panorama of Ordered Fields.
Sommario/riassunto	This textbook explores the foundations of real analysis using the framework of general ordered fields, demonstrating the multifaceted

nature of the area. Focusing on the logical structure of real analysis, the definitions and interrelations between core concepts are illustrated with the use of numerous examples and counterexamples. Readers will learn of the equivalence between various theorems and the completeness property of the underlying ordered field. These equivalences emphasize the fundamental role of real numbers in analysis. Comprising six chapters, the book opens with a rigorous presentation of the theories of rational and real numbers in the framework of ordered fields. This is followed by an accessible exploration of standard topics of elementary real analysis, including continuous functions, differentiation, integration, and infinite series. Readers will find this text conveniently self-contained, with three appendices included after the main text, covering an overview of natural numbers and integers, Dedekind's construction of real numbers, historical notes, and selected topics in algebra. Real Analysis: Foundations is ideal for students at the upper-undergraduate or beginning graduate level who are interested in the logical underpinnings of real analysis. With over 130 exercises, it is suitable for a one-semester course on elementary real analysis, as well as independent study.