

1. Record Nr.	UNINA9910312127203321
Autore	Anderson, Michael A.
Titolo	House of the surgeon, Pompeii : excavations in the Casa del Chirurgo (VI 1, 9-10.23) / Michael A. Anderson and Damian Robinson ; with contributions by H. E. M. Cool ... [et al.] ; foreword by Rick Jones
Pubbl/distr/stampa	Oxford ; Philadelphia : Oxbow Books, 2018
ISBN	9781785707285
Descrizione fisica	XV, 647 p. : ill. ; 31 cm
Altri autori (Persone)	Robinson, Damian
Locazione	FARBC
Collocazione	SEZ.NA C 1342
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910594491903321
Autore	Focardi, Sergio
Titolo	Fisica generale : onde e ottica / S. Focardi, I. Massa, A. Uguzzoni
Pubbl/distr/stampa	Milano, : Ambrosiana, c2010
ISBN	978-88-08-18149-7
Edizione	[2. ed]
Descrizione fisica	XII, 348 p. ; 27 cm
Altri autori (Persone)	Uguzzoni, Arnaldo Massa, Ignazio <1944- >
Disciplina	530
Locazione	FI1 SC1
Collocazione	S.20A-265.008 S.20A-265.009 S.20A-265.010 S.20A-265.011 20A-229 530-FOC-2 530-FOC-2A 530-FOC-2B 530-FOC-2C 530-FOC-2D 530-FOC-2E
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Sul front.: Dipartimento di fisica dell'Università di Bologna.

3. Record Nr.	UNINA9910595037603321
Autore	Gentili Graziano
Titolo	Regular Functions of a Quaternionic Variable // by Graziano Gentili, Caterina Stoppato, Daniele C. Struppa
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-07531-5
Edizione	[2nd ed. 2022.]
Descrizione fisica	1 online resource (302 pages)
Collana	Springer Monographs in Mathematics, , 2196-9922
Disciplina	515.98
Soggetti	Functions of complex variables Sequences (Mathematics) Functional analysis Functions of a Complex Variable Sequences, Series, Summability Functional Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- 1.Definitions and Basic Results -- 2.Regular Power Series -- 3.Zeros -- 4.Infinite Products -- 5.Singularities -- 6.Integral Representations -- 7.Maximum Modulus Theorem and Applications -- 8.Spherical Series and Differential -- 9.Fractional Transformations and the Unit Ball -- 10.Generalizations -- 11. Function Theory over Non-symmetric Slice Domains.-12. Applications -- Bibliography -- Index.
Sommario/riassunto	This book surveys the foundations of the theory of slice regular functions over the quaternions, introduced in 2006, and gives an overview of its generalizations and applications. As in the case of other interesting quaternionic function theories, the original motivations were the richness of the theory of holomorphic functions of one complex variable and the fact that quaternions form the only associative real division algebra with a finite dimension $n > 2$ . (Slice) regular functions quickly showed particularly appealing features and developed into a full-fledged theory, while finding applications to outstanding problems from other areas of mathematics. For instance, this class of functions includes polynomials and power series. The

nature of the zero sets of regular functions is particularly interesting and strictly linked to an articulate algebraic structure, which allows several types of series expansion and the study of singularities. Integral representation formulas enrich the theory and are fundamental to the construction of a noncommutative functional calculus. Regular functions have a particularly nice differential topology and are useful tools for the construction and classification of quaternionic orthogonal complex structures, where they compensate for the scarcity of conformal maps in dimension four. This second, expanded edition additionally covers a new branch of the theory: the study of regular functions whose domains are not axially symmetric. The volume is intended for graduate students and researchers in complex or hypercomplex analysis and geometry, function theory, and functional analysis in general. From the reviews of the 1st edition: "[The authors] document their own very recent theory of quaternionic regular functions, a development that parallels familiar complex function theory spectacularly well. This user-friendly primary source confirms that quaternionic calculus is not a dead end, and clearly answers a popular question regarding the analogy of complex function theory (complex analysis) with quaternionic variables, making it an excellent basis for a capstone course. Summing Up: Highly recommended. Upper-division undergraduates through professionals." (D. V. Feldman, *Choice*, Vol. 51 (1), September, 2013)".

---