

1. Record Nr.	UNISA996466394403316
Autore	Voight John (Mathematician)
Titolo	Quaternion Algebras [[electronic resource]]
Pubbl/distr/stampa	Cham, : Springer International Publishing AG, 2021
ISBN	3-030-56694-3
Descrizione fisica	1 online resource (877 p.)
Collana	Graduate Texts in Mathematics ; ; v.288
Soggetti	Algebra Groups & group theory Number theory Quaternions Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Sommario/riassunto	This open access textbook presents a comprehensive treatment of the arithmetic theory of quaternion algebras and orders, a subject with applications in diverse areas of mathematics. Written to be accessible and approachable to the graduate student reader, this text collects and synthesizes results from across the literature. Numerous pathways offer explorations in many different directions, while the unified treatment makes this book an essential reference for students and researchers alike. Divided into five parts, the book begins with a basic introduction to the noncommutative algebra underlying the theory of quaternion algebras over fields, including the relationship to quadratic forms. An in-depth exploration of the arithmetic of quaternion algebras and orders follows. The third part considers analytic aspects, starting with zeta functions and then passing to an idelic approach, offering a pathway from local to global that includes strong approximation. Applications of unit groups of quaternion orders to hyperbolic geometry and low-dimensional topology follow, relating geometric and topological properties to arithmetic invariants. Arithmetic geometry completes the volume, including quaternionic aspects of modular forms, supersingular elliptic curves, and the moduli

of QM abelian surfaces. Quaternion Algebras encompasses a vast wealth of knowledge at the intersection of many fields. Graduate students interested in algebra, geometry, and number theory will appreciate the many avenues and connections to be explored. Instructors will find numerous options for constructing introductory and advanced courses, while researchers will value the all-embracing treatment. Readers are assumed to have some familiarity with algebraic number theory and commutative algebra, as well as the fundamentals of linear algebra, topology, and complex analysis. More advanced topics call upon additional background, as noted, though essential concepts and motivation are recapped throughout.

2. Record Nr.	UNINA9911014779103321
Autore	Maturi, Walter
Titolo	Risorgimento / Walter Maturi ; introduzione di Alessandro Campi
Pubbl/distr/stampa	[Roma], : Treccani, 2024
ISBN	978-88-12-01157-5
Descrizione fisica	154 p. ; 18 cm
Disciplina	945.083
Locazione	FSPBC
Collocazione	COLLEZ. 3523 (45)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Scritti già pubblicati
Nota di contenuto	Contiene: Risorgimento ; Restaurazione ; Questione romana ; Neoguelfismo ; Savoia