

1. Record Nr.	UNISALENT0991002954579707536
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Titolo	Jacobi forms, finite quadratic modules and Weil representations over number fields / Hatice Boylan
Pubbl/distr/stampa	Cham [Switzerland] : Springer, c2015
ISBN	9783319129150
Descrizione fisica	xviii, 130 p. ; 24 cm
Collana	Lecture notes in mathematics, 0075-8434 ; 2130
Classificazione	AMS 11F50 AMS 11F27 LC QA243
Disciplina	512.7
Soggetti	Jacobi forms Number theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references
Nota di contenuto	Introduction ; Notations ; Finite quadratic modules ; Weil representations of finite quadratic modules ; Jacobi forms over totally real number fields ; Singular Jacobi forms ; Tables ; Glossary
Sommario/riassunto	The new theory of Jacobi forms over totally real number fields introduced in this monograph is expected to give further insight into the arithmetic theory of Hilbert modular forms, its L-series, and into elliptic curves over number fields. This work is inspired by the classical theory of Jacobi forms over the rational numbers, which is an indispensable tool in the arithmetic theory of elliptic modular forms, elliptic curves, and in many other disciplines in mathematics and physics. Jacobi forms can be viewed as vector valued modular forms which take values in so-called Weil representations. Accordingly, the first two chapters develop the theory of finite quadratic modules and associated Weil representations over number fields. This part might also be interesting for those who are merely interested in the representation theory of Hilbert modular groups. One of the main applications is the complete classification of Jacobi forms of singular weight over an arbitrary totally real number field