

1. Record Nr.	UNINA9910484970303321
Autore	Weissauer Rainer
Titolo	Endoscopy for $\mathrm{GSp}(4)$ and the cohomology of Siegel modular threefolds // Rainer Weissauer
Pubbl/distr/stampa	Berlin, : Springer, c2009
ISBN	9783540893066 3540893067
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XVIII, 374 p.)
Collana	Lecture notes in mathematics, , 0075-8434 ; ; 1968
Disciplina	512.73
Soggetti	Siegel domains Cohomology operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 355-359) and index.
Nota di contenuto	An Application of the Hard Lefschetz Theorem -- CAP-Localization -- The Ramanujan Conjecture for Genus two Siegel modular Forms -- Character identities and Galois representations related to the group $\mathrm{GSp}(4)$ -- Local and Global Endoscopy for $\mathrm{GSp}(4)$ -- A special Case of the Fundamental Lemma I -- A special Case of the Fundamental Lemma II -- The Langlands-Shelstad transfer factor -- Fundamental lemma (twisted case) -- Reduction to unit elements -- Appendix on Galois cohomology -- Appendix on Double Cosets.
Sommario/riassunto	The geometry of modular curves and the structure of their cohomology groups have been a rich source for various number-theoretical applications over the last decades. Similar applications may be expected from the arithmetic of higher dimensional modular varieties. For Siegel modular threefolds some basic results on their cohomology groups are derived in this book from considering topological trace formulas.