

1. Record Nr.	UNINA9910450692503321
Autore	Flicker Yuval Z (Yuval Zvi), <1955->
Titolo	Automorphic forms and Shimura varieties of PGSp(2) [[electronic resource] /] / by Yuval Z. Flicker
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific Publishing, c2005
ISBN	1-281-89926-7 9786611899264 981-270-332-2
Descrizione fisica	1 online resource (338 p.)
Disciplina	515/.9
Soggetti	Automorphic forms Shimura varieties Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 311-319) and index.
Nota di contenuto	PREFACE; ACKNOWLEDGMENT; CONTENTS; PART 1. LIFTING AUTOMORPHIC FORMS OF PGSp(2) TO PGL(4); I. PRELIMINARIES; II. BASIC FACTS; III. TRACE FORMULAE; IV. LIFTING FROM SO(4) TO PGL(4); V. LIFTING FROM PGSp(2) TO PGL(4); VI. FUNDAMENTAL LEMMA; PART 2. ZETA FUNCTIONS OF SHIMURA VARIETIES OF PGSp(2); I. PRELIMINARIES; II. AUTOMORPHIC REPRESENTATIONS; III. LOCAL TERMS; IV. REAL REPRESENTATIONS; V. GALOIS REPRESENTATIONS; PART 3. BACKGROUND; I. ON AUTOMORPHIC FORMS; II. ON ARTIN'S CONJECTURE; REFERENCES; INDEX; AUTOMORPHIC FORMS AND SHIMURA VARIETIES OF PGSp(2)
Sommario/riassunto	The area of automorphic representations is a natural continuation of studies in the 19th and 20th centuries on number theory and modular forms. A guiding principle is a reciprocity law relating infinite dimensional automorphic representations with finite dimensional Galois representations. Simple relations on the Galois side reflect deep relations on the automorphic side, called "liftings." This in-depth book concentrates on an initial example of the lifting, from a rank 2 symplectic group PGSp(2) to PGL(4), reflecting the natural embedding of Sp(2,?) in SL(4, ?). It develops the technique of

