

1. Record Nr.	UNINA9910967545403321
Titolo	Representation theory and automorphic forms // edited by Toshiyuki Kobayashi, Wilfried Schmid and Jae-Hyun Yang
Pubbl/distr/stampa	Boston, Mass. ; ; London, : Birkha user, : Springer [distributor], 2007
ISBN	1-281-11791-9 9786611117917 0-8176-4646-9
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (222 p.)
Collana	Progress in Mathematics, , 0743-1643 ; ; 255
Altri autori (Persone)	KobayashiToshiyuki <1962-> SchmidWilfried <1943-> YangChae-hyon
Disciplina	515.9
Soggetti	Automorphic forms Representations of groups
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.
Nota di contenuto	Irreducibility and Cuspidality -- On Liftings of Holomorphic Modular Forms -- Multiplicity-free Theorems of the Restrictions of Unitary Highest Weight Modules with respect to Reductive Symmetric Pairs -- The Rankin–Selberg Method for Automorphic Distributions -- Langlands Functoriality Conjecture and Number Theory -- Discriminant of Certain K3 Surfaces.
Sommario/riassunto	This volume addresses the interplay between representation theory and automorphic forms. The invited papers, written by leading mathematicians, track recent progress in the ever expanding fields of representation theory and automorphic forms, and their association with number theory and differential geometry. Representation theory relates to number theory through the Langlands program, which conjecturally connects algebraic extensions of number fields to automorphic representations and L-functions. These are the subject of several of the papers. Multiplicity-free representations constitute another subject, which is approached geometrically via the notion of visible group actions on complex manifolds. Both graduate students and researchers will find inspiration in this volume. Contributors: T.

Ikeda, T. Kobayashi, S. Miller, D. Ramakrishnan, W. Schmid, F. Shahidi,
K. Yoshikawa.
