1. Record Nr. UNINA9910480167503321

Titolo	Representation theory and mathematical physics : conference in honor of Gregg Zuckerman's 60th birthday, October 24-27, 2009, Yale University / / Jeffrey Adams, Bong Lian, Siddhartha Sahi, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2011] ©2011
ISBN	0-8218-8236-8
Descrizione fisica	1 online resource (404 p.)
Collana	Contemporary mathematics ; ; volume 557
Disciplina	515/.7223
Soggetti	Linear algebraic groups Representations of Lie groups Mathematical physics 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.
Nota di contenuto	""Contents""; ""Preface""; ""Expository Papers""; ""The Plancherel Formula, the Plancherel Theorem, and the Fourier Transform of Orbital Integrals""; ""Branching Problems of Zuckerman Derived Functor Modules""; ""Chiral Equivariant Cohomology of Spheres""; ""1. Introduction""; ""2. Homotopy invariance""; ""3. Conformal and quasi-conformal structures""; ""4. Chiral equivariant cohomology of homogeneous spaces""; ""5. Finite-dimensionality of Ha??G(M) for compact M""; ""6. Chiral equivariant cohomology of spheres""; ""7. The chiral point algebra""; ""Research Papers"" ""Computing Global Characters""""Stable Combinations of Special Unipotent Representations""; ""Levi Components of Parabolic Subalgebras of Finitary Lie Algebras""; ""On Extending the Langlands-Shahidi Method to Arithmetic Quotients of Loop Groups""; ""The Measurement of Quantum Entanglement and Enumeration of Graph Coverings""; ""The Dual Pair (Op,q,OSp2,2) and Zuckerman Translation""; ""On the Algebraic Set of Singular Elements in a Complex Simple Lie Algebra""; ""An Explicit Embedding of Gravity and the Standard Model in E8""; ""From Groups to Symmetric Spaces""; ""1.

Notation.""

""2. Almost diagonal symmetric spaces.""""3. A generalization of Schur's lemma.""; ""4. Elliptic curves arising from a symmetric space.""; ""5. Dimension of a nilpotent orbit.""; ""6. Some intersection cohomology sheaves.""; ""7. Generalization of a theorem of Steinberg.""; ""8. F-thin, F-thick nilpotent orbits.""; ""9. F-thin nilpotent orbits and affine canonical bases.""; ""10. Character sheaves on p.""; ""11. Computation of a Fourier transform.""; ""12. Another computation of a Fourier transform.""; ""13. Computation of a Deligne-Fourier transform.""