

1. Record Nr.	UNINA9910788635003321
Titolo	Harmonic analysis on reductive, p-adic groups : AMS Special Session on Harmonic Analysis and Representations of Reductive, p-adic Groups, January 16, 2010, San Francisco, CA // Robert S. Doran, Paul J. Sally, Jr., Loren Spice, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2011] ©2011
ISBN	0-8218-8222-8
Descrizione fisica	1 online resource (294 p.)
Collana	Contemporary mathematics, ; 543 , 0271-4132
Classificazione	22E5011F7022E3520G2520C3320G4020G05
Disciplina	512/.482
Soggetti	Representations of Lie groups p-adic groups Harmonic analysis
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 -- List of Participants -- Toward a Mackey formula for compact restriction of character sheaves -- Supercuspidal characters of SL2 over a p-adic field -- 1. Introduction -- 2. Field extensions -- 3. Tori -- 4. A principal-value integral -- 5. The building and filtrations -- 6. Haar measure -- 7. Duality, Fourier transforms, and orbital integrals -- 8. Unrefined minimal K-types -- 9. Representations of depth zero -- 10. Representations of positive depth -- 11. Parametrization of supercuspidal representations -- 12. Inducing representations -- 13. Murnaghan-Kirillov theory -- 14. "Ordinary" supercuspidal characters -- 15. "Exceptional" supercuspidal characters -- References -- Geometric structure in the representation theory of reductive p-adic groups II -- The construction of Hecke algebras associated to a Coxeter group -- 1. The Hecke algebras of finite reductive groups -- 2. Coxeter groups -- 3. The Hecke algebra of a Coxeter group -- 4. Generators and relations -- 5. References -- Distinguished supercuspidal representations of SL2 -- 1. Introduction -- 2. Elliptic tori -- 3. Involutions of SL2 -- 4. Multiplicity constants -- 5. Supercuspidal representations -- 6. Distinguished toral

supercuspidal representations -- 7. Distinguished depth-zero
supercuspidal representations -- Appendix A. The building and the
Moy-Prasad groups -- References -- Twisted Levi sequences and
explicit types on Sp_4 -- Regularity and distinction of supercuspidal
representations -- Patterns in branching rules for irreducible
representations of $SL_2(k)$, for k a p -adic field -- Parametrizing
nilpotent orbits in p -adic symmetric spaces -- An integration formula
of Shahidi -- Managing metaplectiphobia: Covering p -adic groups.
