

Contents

Local transfer and reducibility of induced representations of p -adic groups of classical type MAHDI ASGARI, JAMES W. COGDELL, and FREYDOON SHAHIDI	1
Shintani relations for base change: unitary and elliptic representations A.I. BADULESCU and G. HENNIART	23
On L -functions for $U_{2k} \times R_{E/F} GL_m$, ($k < m$) ASHER BEN-ARTZI and DAVID SOUDRY	69
On the Howe duality conjecture in classical theta correspondence WEE TECK GAN and SHUICHIRO TAKEDA	105
Whittaker rational structures and special values of the Asai L -function HARALD GROBNER, MICHAEL HARRIS, and EREZ LAPID	119
Character sums of composite moduli and hybrid subconvexity ROMAN HOLOWINSKY, RITABRATA MUNSHI, and ZHI QI	135
A linear algebra description of $K_{\mathbb{C}} \backslash G_{\mathbb{C}} / B_{\mathbb{C}}$ for classical groups ROGER HOWE	149
Germs for Kloosterman integrals, a review HERVÉ JACQUET	173
Fourier coefficients for automorphic forms on quasisplit classical groups DIHUA JIANG and BAIYING LIU	187
A generalized Casselman–Shalika formula on GL_N JU-LEE KIM	209
A conditional construction of Artin representations for real analytic Siegel cusp forms of weight $(2, 1)$ HENRY H. KIM and TAKUYA YAMAUCHI	225
Another product for a Borcherds form STEPHEN KUDLA	261
On Whittaker–Fourier coefficients of automorphic forms on unitary groups: reduction to a local identity EREZ LAPID and ZHENGYU MAO	295
Introduction to plectic cohomology J. NEKOVÁŘ and A. J. SCHOLL	321

A comparison of automorphic and Artin L -series of $GL(2)$ -type agreeing at degree one primes	
KIMBALL MARTIN and DINAKAR RAMAKRISHNAN	339
Topologies of nodal sets of random band limited functions	
PETER SARNAK and IGOR WIGMAN	351
Geometric Cycles, classical groups and related cohomology classes for arithmetic groups	
JOACHIM SCHWERMER and CHRISTOPH WALDNER	367