

Contents

Preface	ix
List of Participants	xi

Multiple Dirichlet Series and Their Applications

Multiple Dirichlet series and automorphic forms GAUTAM CHINTA, SOLOMON FRIEDBERG, and JEFFREY HOFFSTEIN	3
Applications of multiple Dirichlet series in mean values of L -functions QIAO ZHANG	43
Second moments of quadratic Hecke L -series and multiple Dirichlet series I ADRIAN DIACONU and DORIAN GOLDFELD	59
Weyl group multiple Dirichlet series I BENJAMIN BRUBAKER, DANIEL BUMP, GAUTAM CHINTA, SOLOMON FRIEDBERG, and JEFFREY HOFFSTEIN	91
Residues of Weyl group multiple Dirichlet series associated to \widetilde{GL}_{n+1} BENJAMIN BRUBAKER and DANIEL BUMP	115
Multiple Hurwitz zeta functions M. RAM MURTY and KANEENIKA SINHA	135
Multiple zeta values over global function fields RIAD MASRI	157
Generalised Selberg zeta functions and a conjectural Lefschetz formula ANTON DEITMAR	177

Automorphic Forms and Analytic Number Theory

Rankin-Cohen brackets on higher order modular forms Y. CHOIE and N. DIAMANTIS	193
Eulerian integrals for GL_n DAVID GINZBURG	203
Is the Hlawka zeta function a respectable object? M. N. HUXLEY	225

On sums of integrals of powers of the zeta-function in short intervals ALEKSANDAR IVIĆ	231
Uniform bounds for Rankin-Selberg L -functions MATTI JUTILA and YOICHI MOTOHASHI	243
Mean values of zeta-functions via representation theory YOICHI MOTOHASHI	257
On the pair correlation of the eigenvalues of the hyperbolic Laplacian for $\mathrm{PSL}(2, \mathbb{Z}) \backslash H$ II C. J. MOZZOCHI	281
Lower bounds for moments of L -functions: Symplectic and orthogonal examples Z. RUDNICK and K. SOUNDARARAJAN	293