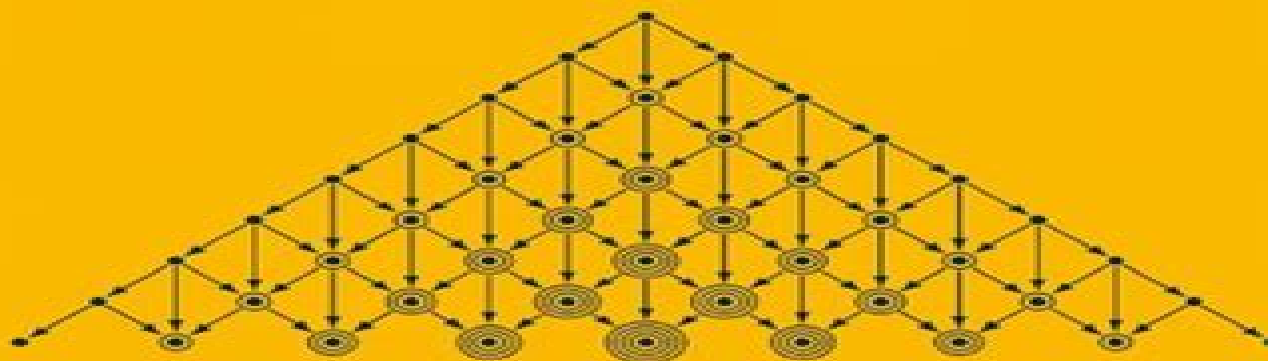


Brooks Roberts
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Local Newforms for $\mathrm{GSp}(4)$

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L-Functions and Automorphic Forms Jan Hendrik Bruinier, Winfried Kohnen, 2018-02-22 This book presents a collection of carefully refereed research articles and lecture notes stemming from the Conference Automorphic Forms and L Functions held at the University of Heidelberg in 2016 The theory of automorphic forms and their associated L functions is one of the central research areas in modern number theory linking number theory arithmetic geometry representation theory and complex analysis in many profound ways The 19 papers cover a wide range of topics within the scope of the conference including automorphic L functions and their special values p adic modular forms Eisenstein series Borcherds products automorphic periods and many more

Stable Klingen Vectors and Paramodular Newforms Jennifer Johnson-Leung, Brooks Roberts, Ralf Schmidt, 2023-12-27 This book describes a novel approach to the study of Siegel modular forms of degree two with paramodular level It introduces the family of stable Klingen congruence subgroups of GSp₄ and uses this family to obtain new relations between the Hecke eigenvalues and Fourier coefficients of paramodular newforms revealing a fundamental dichotomy for paramodular representations Among other important results it includes a complete description of the vectors fixed by these congruence subgroups in all irreducible representations of GSp₄ over a nonarchimedean local field Siegel paramodular forms have connections with the theory of automorphic representations and the Langlands program Galois representations the arithmetic of abelian surfaces and algorithmic number theory Providing a useful standard source on the subject the book will be of interest to graduate students and researchers working in the above fields

Geometry and Analysis of Automorphic Forms of Several Variables Yoshinori Hamahata, 2012 This book covers OCA Java exam 1Z0 850 This is an entry level Java cert exam All you need is to pass one exam 1Z0 850 in order to pass The topics covered include Fundamental Object Oriented ConceptsJava Implementation of Object Oriented ConceptsAlgorithm Design and ImplementationJava Development FundamentalsJava Platforms and Integration TechnologiesClient TechnologiesServer TechnologiesWe give you knowledge information relevant to the exam specifications To be able to succeed in the real exam you ll need to apply your earned knowledge to the question scenarios This ExamFOCUS book focuses on the more difficult topics that will likely make a difference in exam results

Transfer of Siegel Cusp Forms of Degree 2 Ameya Pitale, Abhishek Saha, Ralf Schmidt, 2014-09-29 Let π be the automorphic representation of GSp_4 generated by a full level cuspidal Siegel eigenform that is not a Saito Kurokawa lift and be an

arbitrary cuspidal automorphic representation of Using Furusawa's integral representation for combined with a pullback formula involving the unitary group the authors prove that the functions are nice The converse theorem of Cogdell and Piatetski-Shapiro then implies that such representations have a functorial lifting to a cuspidal representation of Combined with the exterior square lifting of Kim this also leads to a functorial lifting of to a cuspidal representation of As an application the authors obtain analytic properties of various functions related to full level Siegel cusp forms They also obtain special value results for and Automorphic Forms Bernhard Heim, Mehiddin Al-Baali, Tomoyoshi Ibukiyama, Florian Rupp, 2014-11-19 This edited volume presents a collection of carefully refereed articles covering the latest advances in Automorphic Forms and Number Theory that were primarily developed from presentations given at the 2012 International Conference on Automorphic Forms and Number Theory held in Muscat Sultanate of Oman The present volume includes original research as well as some surveys and outlines of research altogether providing a contemporary snapshot on the latest activities in the field and covering the topics of Borcherds products Congruences and Codes Jacobi forms Siegel and Hermitian modular forms Special values of L series Recently the Sultanate of Oman became a member of the International Mathematical Society In view of this development the conference provided the platform for scientific exchange and collaboration between scientists of different countries from all over the world In particular an opportunity was established for a close exchange between scientists and students of Germany Oman and Japan The conference was hosted by the Sultan Qaboos University and the German University of Technology in Oman *Spectral Means of Central Values of Automorphic L-Functions for $GL(2)$* Masao Tsuzuki, 2015-04-09 Starting with Green's functions on adèle points of considered over a totally real number field the author elaborates an explicit version of the relative trace formula whose spectral side encodes the information on period integrals of cuspidal waveforms along a maximal split torus As an application he proves two kinds of asymptotic mean formula for certain central values attached to cuspidal waveforms with square free level Mathematical Reviews, 2008 *Deformation Theory and Local-Global Compatibility of Langlands Correspondences* Martin Luu, 2015-10-27 The deformation theory of automorphic representations is used to study local properties of Galois representations associated to automorphic representations of general linear groups and symplectic groups In some cases this allows to identify the local Galois representations with representations predicted by a local Langlands correspondence **Geometry, Algebra, Number Theory, and Their Information Technology Applications** Amir Akbary, Sanoli Gun, 2018-09-18 This volume contains proceedings of two conferences held in Toronto Canada and Kozhikode India in 2016 in honor of the 60th birthday of Professor Kumar Murty The meetings were focused on several aspects of number theory The theory of automorphic forms and their associated L functions Arithmetic geometry with special emphasis on algebraic cycles Shimura varieties and explicit methods in the theory of abelian varieties The emerging applications of number theory in information technology Kumar Murty has been a substantial influence in these topics and the two conferences were aimed at honoring his many

contributions to number theory arithmetic geometry and information technology *American journal of mathematics* ,2005
Reviews in Number Theory 1984-96 ,1997 **Statistical Mechanics and Fractals** Roland L. Dobrushin,Shigeo
Kusuoka,1993 This book is composed of two texts by R L Dobrushin and S Kusuoka each representing the content of a course
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