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; 3 Coadjoint Orbits of $SL(2, \mathbb{R})$ and GJ
 4 Marsden-Weinstein Reduction and Symplectic Volumes
 5 Appendix: Explicit Expressions of Symplectic Forms for Elliptic
 Coadjoint Orbits of GJ
 ; References ; On Eisenstein Series of Degree Two for
 Squarefree Levels and the Genus Version of the Basis Problem I
 ; 1 Introduction
 2 Preliminaries 3 Cusps and Eisenstein series for $so(N)$
 ; 4 Coset decompositions for $so(N)$; 5
 Unfolding I ; 6 Double cosets for $so(N)$
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 1 Introduction and main results

Sommario/riassunto

This volume contains a valuable collection of articles presented at a conference on Automorphic Forms and Zeta Functions in memory of Tsuneo Arakawa, an eminent researcher in modular forms in several variables and zeta functions. The book begins with a review of his works, followed by 16 articles by experts in the fields including H Aoki, R Berndt, K Hashimoto, S Hayashida, Y Hironaka, H Katsurada, W Kohnen, A Krieg, A Murase, H Narita, T Oda, B Roberts, R Schmidt, R Schulze-Pillot, N Skoruppa, T Sugano, and D Zagier. A variety of topics in the theory of modular forms and zeta functions are covered.