

GENERALIZED MAASS RELATIONS AND MIYAWAKI-IKEDA LIFTS

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ABSTRACT. The Maass relation is a certain relation between Fourier coefficients of Siegel-Eisenstein series of degree 2. As for the higher degrees of Siegel modular forms W , Kohnen generalized this Maass relation for Ikeda lifts. In this talk I would like to talk about following two things: (1) another kind of generalization of Maass relation, which was originally introduced by T. Yamazaki for Siegel-Eisenstein series, (2) application of this relation for the Miyawaki-Ikeda lifts.