RESTRICTING HECKE-SIEGEL OPERATORS TO JACOBI MODULAR FORMS: ERRATA

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In Proposition 3.1, the conditions given on $\Omega\oplus\Delta$ mean that in addition to $\Omega\oplus\Delta$ varying over distinct isometry classes such that

$$p\Lambda\oplus\Delta\subseteq\Omega\oplus\Delta\subseteq\frac{1}{p}(\Lambda\oplus\Delta),$$

we actually must have some Λ' so that $\Lambda'\oplus\Delta=\Lambda\oplus\Delta$ and $p\Lambda'\subseteq\Omega\subseteq\frac{1}{p}\Lambda'$. So these conditions on $\Omega\oplus\Delta$ apply to Theorem 3.2 as well. Similarly, in Proposition 4.1 and Theorem 4.2, $\Omega\oplus\Delta$ varies over distinct isometry classes so that for some Λ', we have $\Lambda'\oplus\Delta'=\Lambda\oplus\Delta'$ and $p\Lambda'\subseteq\Omega\subseteq\frac{1}{p}\Lambda'$.

For Corollary 3.3, $\widetilde{T}^J_j(p^2)$ should be defined as

$$\widetilde{T}^J_j(p^2)=p^{j(k-n-1)}\sum_{0\le\ell\le j}\chi(p^{j-\ell})p^{m(j-\ell)}\beta(n-m-\ell,j-\ell)T^J_\ell(p^2).$$

(This is because, with

$$V\oplus\overline{\Delta}=(\Lambda\oplus\Delta)\cap(\Omega\oplus\Delta)/p(\Lambda+\Omega+\Delta)$$

of dimension $n-r$, and U a subspace of $V\oplus\overline{\Delta}$ with dimension $\ell-r$ and U independent of $\overline{\Delta}$, the number of ways to extend U to a dimension $j-r$ subspace W of $V\oplus\overline{\Delta}$, with W independent of $\overline{\Delta}$, is $p^{m(j-\ell)}\beta(n-m-\ell,j-\ell)$.)

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