

## Periods of Saito-Kurokawa Representations

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### **Abstract.**

Let  $\pi_1$  be a cuspidal Saito-Kurokawa representation of  $\mathrm{SO}(3,2)$  and  $\pi_2$  a cuspidal or trivial representation of  $\mathrm{SO}(3,1)$  or  $\mathrm{SO}(2,2)$ . We present period formulas that show how  $\pi_1$  restricts to  $\pi_2$ .