

PARAMODULAR FORMS: CENTRAL VALUES OF TWISTED SPIN L-FUNCTIONS

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In the 1980s Böcherer formulated a conjecture relating the central values of the imaginary quadratic twists of the spin L-function attached to a Siegel modular form F to the Fourier coefficients of F .

In this talk I will present some recent generalizations of this conjecture to the case of paramodular forms, and the computations providing numerical evidence for the new conjectures.

Joint work with Nathan Ryan (Universidad de la República / Bucknell University).