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Ralf Schmidt* (rschmidt@math.ou.edu). *The multiplicity one theorem for paramodular forms.*

Classical modular forms enjoy the "strong multiplicity one" property, which states that a newform is determined by almost all of its Hecke eigenvalues. This was proved by Atkin and Lehner in 1970.

For higher rank modular forms, i.e., Siegel modular forms, the analogous theorem fails. In this talk we will explain why the strong multiplicity one property still holds for "paramodular forms", an important class of Siegel modular forms of degree 2. (Received June 02, 2017)