

1073-11-112

Jeff Beyerl* (jbeyer1@clemons.edu), **Kevin James** and **Hui Xue**. *Divisibility of an Eigenform by another Eigenform.*

We prove a consequence of Maeda's conjecture that an eigenform is a factor of a cuspidal eigenform only when it is forced to be for dimension consideration. A similar result for Eisenstein series is also shown. We then relate the factorization of eigenforms to linear independence of Rankin-Selberg L-values. (Received July 29, 2011)