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David A. Jorgensen* (djorgens@uta.edu) and **Yousuf Alkhezi**. *Stable tensor products*. Preliminary report.

Stable Hom for pairs of maximal Cohen-Macaulay modules over a Gorenstein ring is well-understood: it is the quotient of ordinary Hom by the submodule of maps factoring through a projective module. Stable Hom's counterpart, stable tensor, for pairs of maximal Cohen-Macaulay modules over a Gorenstein is less well-understood. In this talk we provide a preliminary investigation of stable tensor. In particular, we show that for ideals I and J in an artinian Gorenstein ring, the stable tensor product of R/I and R/J is $\text{ann}(\text{ann}(I) \cdot \text{ann}(J)) / (I + J)$. (Received September 13, 2016)