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Tai Huy Ha and **Kuei-Nuan Lin*** (klin@smith.edu). *Normality of Polytopes Arising from Hypergraphs*. Preliminary report.

This is joint work with Tai Ha. Let H be a finite hypergraph and I be a square-free monomial ideal of $K[A]$ corresponding to H where K is a field and A is an alphabet set. Let $K[H]$ be the subalgebra of $K[A]$ generated by monomial generators of I . We are going to find a combinatorial criterion of the normality of $K[H]$. (Received August 13, 2013)