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Hao Huang and **Yi Zhao*** (yzhao6@gsu.edu). *Degree version of the Erdős-Ko-Rado Theorem.*

We use an algebraic method to prove a degree version of the celebrated Erdős-Ko-Rado theorem: given $n > 2k$, every intersecting k -uniform hypergraph H on n vertices contains a vertex that lies on at most $\binom{n-2}{k-2}$ edges. (Received September 06, 2016)