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Milena Hering and **Josephine Yu***, jyu@math.gatech.edu. *Projective normality for tropical curves.*

We study projective normality for tropical curves. A divisor D is called projectively normal if for every positive integer m , the degree m polynomials on the projective embedding given by D cut out a complete linear system. We define projective normality for tropical curves using tropical modifications and prove that on tropical elliptic curves, any divisor of degree at least 3 is projectively normal. We conjecture that divisors of degree at least $2g + 1$ are projective normal, where g is the genus of the tropical curve. (Received September 15, 2013)