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Vilmos Totik* (totik@mail.usf.edu). *Zeros of polynomials with minimal norm.*

For a smooth Jordan curve it is shown that zeros of polynomials on the curve necessarily enlarge their supremum norm compared to the extremal (Chebyshev) polynomials. A sharp quantitative estimate is given for this higher norm in terms of the equilibrium measure of the curve. (Received November 30, 2012)