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Nathan Chen* (nathanchen@math.harvard.edu). *Measuring the irrationality of products of curves.*

Recall that the gonality of an algebraic curve is defined as the smallest degree of a map from the curve to the projective line. This provides a way of measuring how far a curve is from being rational. We will explore higher dimensional analogues of gonality and focus on the case of products of curves. This is joint work with Olivier Martin. (Received January 08, 2022)