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Wilkinson polynomials.

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From the introduction: This article is about a family of polynomials introduced by James H. Wilkinson some five decades ago, which have the peculiar property that some of their zeros are extremely sensitive to small changes in the values of one or more of the coefficients.

Classification: N30 N40 I20 H30 I40

Keywords: polynomials; algebra; polynomial equations; polynomial functions; integer zeros; numerical analysis; numerical algebra; Newton method; approximate numerical solution; Graeffe's method; Bairstow's method; convergence; iteration; approximation; mathematics and computers; errors