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Visualising the roots of quadratic equations with complex coefficients.

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Summary: This paper is a natural extension of the root visualisation techniques first presented by the author [ibid. 26, No. 2, 6–20 (2012; ME 2013d.00569)] for quadratic equations with real coefficients. Consideration is now given to the familiar quadratic equation $y = ax^2 + bx + c$ in which the coefficients a, b, c are generally complex, as shown explicitly in Equation (1), which is presented in the article, with the usual notation. (ERIC)

Classification: H30 F50

Keywords: equadratic equations; roots; complex numbers