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The Euclidean solution to a quadratic equation. ("Eukleidovské řešení kvadratické rovnice.)

Učitel Mat. 14, No. 1, 17-21 (2005).

The paper presents an alternative geometrical approach to a quadratic equation using a pair of compasses and a ruler. After an algebraic analysis of a general quadratic equation, a possible geometrical solution is outlined. The author is aware that this method is rather time consuming and not very effective, but it offers another view on the solution to quadratic equations.

Classification: H23 G73

Keywords: quadratic equations; geometrical solution; analytic geometry; coordinate systems