

Square roots from 1;24,51,10 to Dan Shanks

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Abstract

This talk is about (CHOOSE ONE)— (a) The oldest mathematical algorithm (b) Approximations of square roots throughout history (c) Calculating square roots by hand (d) The Shanks-Tonelli algorithm for computing square roots modulo a prime (e) Forty-five minutes long (f) All of the above Answer:(f)