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Solving Diophantine equations via Lucas-Lehmer theory. (English summary)

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The author gives an approach to solving Pell's equation using continued fractions and fundamental units in real quadratic orders. A general approach that uses Lucas-Lehmer methods for solving Pell's and other quadratic Diophantine equations and that is often overlooked in the literature is given.

Reviewed by *Betül Gezer*

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