Number Theory Algorithms

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Abstract

Nothing to claim here. This paper is the documentation for the Tonelli-Shanks Algorithm module in Number Theory Algorithms mobile application.

Tonelli-Shanks Algorithm

The implementation of this algorithm is based on [1].

References

[1] Brown, Ezra. "Square roots from 1; 24, 51, 10 to Dan Shanks." *The College Mathematics Journal* 30.2 (1999): 82. http://www.math.vt.edu/people/brown/doc/sqrts.pdf