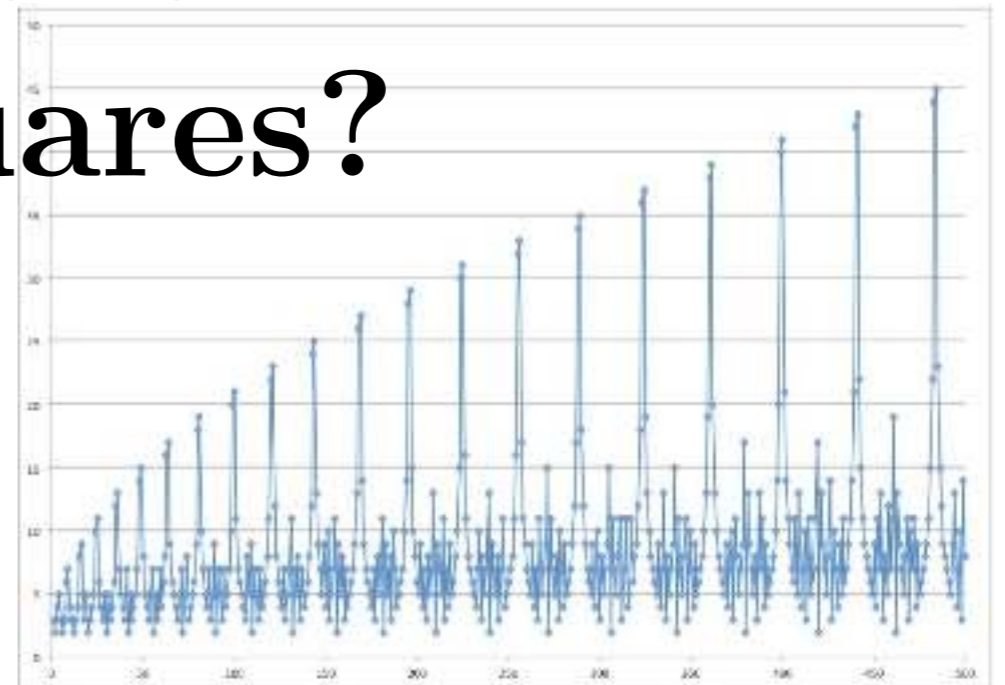# Michigan Math Club

Thursday at 4pm in the Nesbitt Room

Free Pizza and Pop

Where are the rational squares?

Michael Weiss

Abstract for
3 November 2016

Between any two integers there are infinitely many rational squares. Finding such a square, though - especially one with a small denominator - turns out to be surprisingly complicated. In this talk we will build a map of the rational squares and discovery some apparently chaotic behavior lurking in the number line.