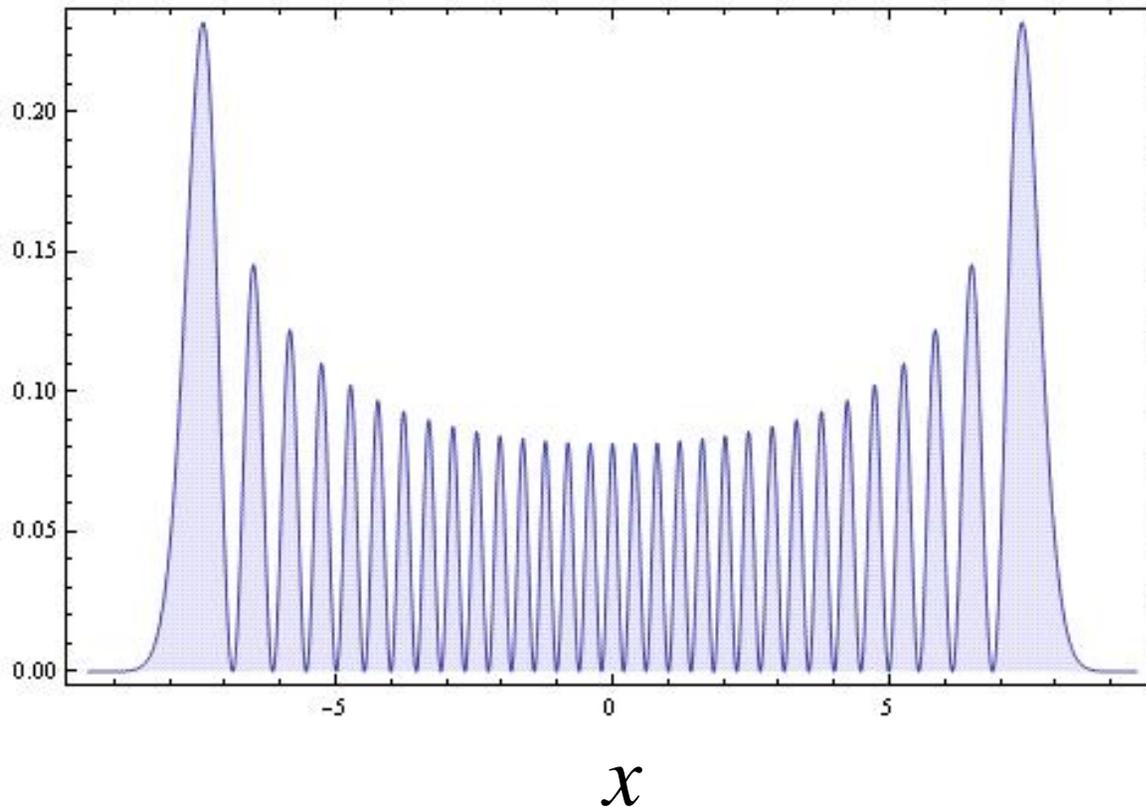


A Highly Excited State of the 1D Harmonic Oscillator

energy level

Note that the probability density is large in places where the classical speed is slow, and small where the classical speed is high.

$$|\Psi(x)|^2$$



Wolfram  Demonstrations Project