

10.3: Vibrating Plates Simulation

The Vibrating Plates simulation examines vibrational modes on a rectangular surface. The surface is fixed at the edges so the nodal lines occur in different places compared to a rectangle with free edges. The model assumes that the surface is very thin and very flexible; real surfaces which are stiffer will have slightly different nodal lines and anti-nodes.

This page titled [10.3: Vibrating Plates Simulation](#) is shared under a [CC BY-NC-SA 3.0](#) license and was authored, remixed, and/or curated by [Kyle Forinash and Wolfgang Christian](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.