

CHAPTER OVERVIEW

1: Basic Properties

The fundamental properties of waves, such as frequency, amplitude, wavelength, and motion direction, are quite different from those of rigid objects studied in mechanics. These tutorials explore the basics of wave motion.

- [1.1: Sine Wave](#)
- [1.2: Speed of a Wave](#)
- [1.3: Transverse Waves](#)
- [1.4: Simple Harmonic Motion](#)
- [1.5: Simple Harmonic Motion and Resonance](#)
- [1.6: Longitudinal Waves](#)
- [1.7: Water Waves](#)
- [1.8: Two-Dimensional Waves](#)

This page titled [1: Basic Properties](#) 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.