

## CHAPTER OVERVIEW

### 4: Applications

These materials consider various applications of the wave properties studied in previous sections.

- [4.1: Doppler Effect](#)
- [4.2: EM Waves from an Accelerating Charge](#)
- [4.3: Antenna](#)
- [4.4: Electromagnetic Plane Waves](#)
- [4.5: Polarization](#)
- [4.6: Wave Equation](#)
- [4.7: Oscillator Chain](#)
- [4.8: Non-Linear Waves](#)
- [4.9: Solitons](#)

---

This page titled [4: Applications](#) 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.