

CHAPTER OVERVIEW

8: Electromagnetic Induction

[8.1: Faraday and Lenz's Laws](#)

[8.2: Motional Emf](#)

[8.3: Induced Electric Fields](#)

[8.4: Eddy Currents and Magnetic Damping](#)

[8.5: Electric Generators and Back Emf](#)

[8.6: Inductance](#)

[8.7: Applications of Electromagnetic Induction](#)

[8.8: Alternating Current versus Direct Current](#)

[8.A: Electromagnetic Induction \(Answers\)](#)

[8.E: Electromagnetic Induction, AC Circuits, and Electrical Technologies \(Exercise\)](#)

[8.S: Electromagnetic Induction \(Summary\)](#)

This page titled [8: Electromagnetic Induction](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [OpenStax](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.