

## CHAPTER OVERVIEW

### 6: Magnetic Fields

For the past few chapters, we have been studying electrostatic forces and fields, which are caused by electric charges at rest. These electric fields can move other free charges, such as producing a current in a circuit; however, the electrostatic forces and fields themselves come from other static charges. In this chapter, we see that when an electric charge moves, it generates other forces and fields. These additional forces and fields are what we commonly call magnetism.

[6.1: Prelude to Magnetic Forces and Fields](#)

[6.2: Magnetism and Its Historical Discoveries](#)

[6.3: Magnetic Fields and Lines](#)

[6.4: Force and Torque on a Current Loop](#)

[6.5: The Hall Effect](#)

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