

# BASIC CONCEPTS



Courtesy NASA, 2009

## THE LEARNING GOALS FOR THIS CHAPTER ARE:

- Review the SI system of units and standard prefixes
- Know the definitions of basic electrical quantities: voltage, current, and power
- Know the symbols for and definitions of independent and dependent sources
- Be able to calculate the power absorbed by a circuit element using the passive sign convention

# Mastering Basic Concepts Chapter 1

**Yi-Tong Ma**



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