

PHYSICS 151 READING
ASSIGNMENT FOR NOVEMBER 28
SECTIONS 11.8-11.9

11.8 - Entropy and the Second Law of Thermodynamics

- Irreversible process - happens in one direction only.
- The book's definition of entropy is fairly unusual, but a good one. Entropy is usually defined as the amount of "disorder". I think the book's definition makes it more precise.
- Second Law - only applies to isolated systems.
- An increase in thermal energy will also come along with an increase in entropy.

11.9 - systems, Energy, and Entropy

- This section mostly wraps things up for you. Enjoy.