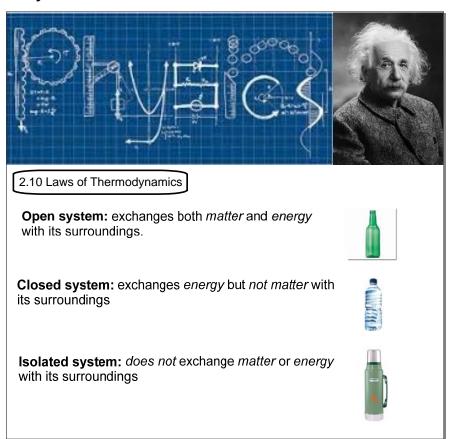
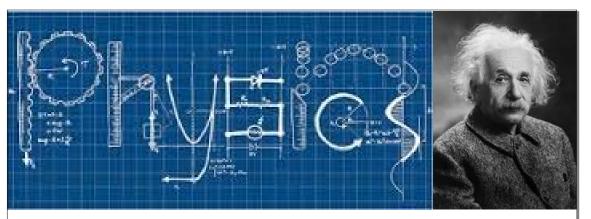
2.10 Laws of Thermodynamics.notebook

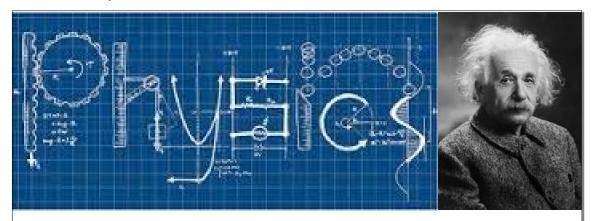




First Law of Thermodynamics

- total energy, including heat, in a system and its surroundings remains constant
- heat added to the a system can be transferred to a different form of energy

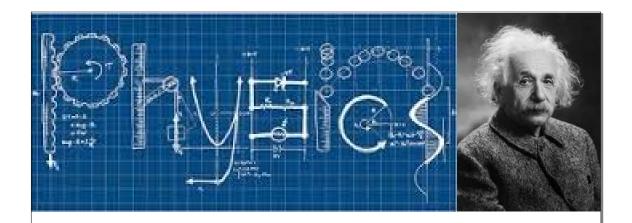
2.10 Laws of Thermodynamics.notebook



Second Law of Thermodynamics

- heat naturally flows from a hot object to a cold object
- no system is 100% efficient(perpetual motion machine), energy is lost, usually due to heat/friction





http://study.com/academy/lesson/first-law-of-thermodynamics-law-of-conservation-of-energy.html

 ${\it http://study.com/academy/lesson/second-law-of-thermodynamics-entropy-and-systems.html}$

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