

20.12.23

Humans can detect sounds in a frequency range from about 20 Hz to 20 KHz

Red color has wavelength = 700 nm

380 nm has violet color and 700 nm has red color. The frequency of light is inversely proportional to its wavelength.

$$1 \text{ THz} = 10^{12} \text{ Hz}$$

ultra sound = sound 20 (more) 20,000 and above

Page 593 → Efficiency of a Carnot Engine

math Page No → 594 → sample problem 20.23

Carnot's stroke engine

Carnot cycle

20.12.23 Note and its Page 593 +