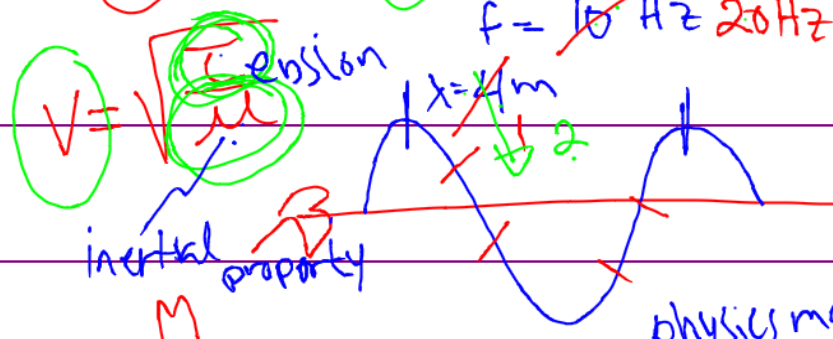


$$V = \lambda f = \omega/k$$

$$V = 40 \text{ m/s}$$

~~80~~ 40 m/s
~~20~~ constant



$$\mu = \frac{M}{L}$$

elastic properties

$$B \equiv -\frac{\Delta p}{\Delta V}$$

$$V_{\text{air}} = \sqrt{\frac{B}{\rho}}$$

with modulus

$$C = ab$$

Mechanical Waves
 the speed depends only
 the properties of the medium