

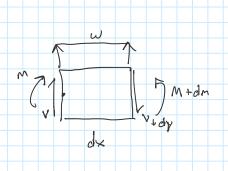
$$R_{i} = -P + \frac{Pa}{L}$$

$$= P \frac{(a-L)}{L}$$

$$V(x) = R_i + P$$

$$x \leq a$$

$$M(x) = R_1 \times + C_1$$



$$V + \omega dx - (v + dv) = D$$

$$U = dV/dx$$

$$-M + (M + dM) - \frac{1}{2}\omega dx^{2} - Vdx = 0$$

$$dM = \frac{1}{2}\omega dx^{2} + Vdx$$

$$\frac{dM}{dx} = \frac{1}{2} \omega dx + \sqrt{\frac{1}{2}} \omega dx + \sqrt$$

