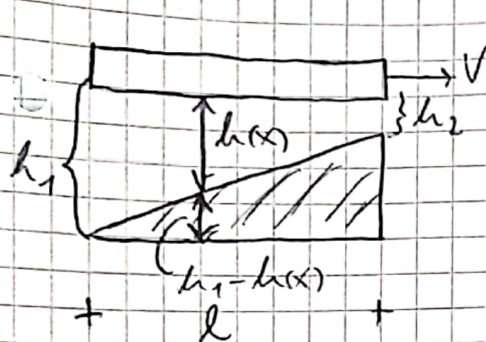


SEZ. LINEAR VARIABLE



$$\frac{h_1 - h(x)}{x} = \frac{h_1 - h_2}{l}$$

$$h(x) = h_1 - \frac{h_1 - h_2}{l} x$$

$$dh = - \frac{h_1 - h_2}{l} dx$$

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$$\bar{h} = \frac{\int_{h_1}^{h_2} \frac{dh}{h^2}}{\int_{h_1}^{h_2} \frac{dh}{h^3}} \rightarrow \frac{1}{\bar{h}} = \frac{1}{2} \left(\frac{1}{h_2} + \frac{1}{h_1} \right)$$

$$u = \frac{h_1}{h_2}$$

$$N = A(u) \mu V \frac{l^2}{h_2^2}$$

$$A(u) = 6 \frac{(u+1) \ln(u) - 2(u-1)}{(u+1)(u-1)^2}$$

$$T = B(u) \mu V \frac{l}{h_2}$$

$$B(u) = \frac{4}{u-1} \left[\ln(u) - \frac{3(u-1)}{2(u+1)} \right]$$

$$f_m = K(u) \sqrt{\frac{\mu V}{N}}$$

$$\frac{x_N}{l} = f(u)$$