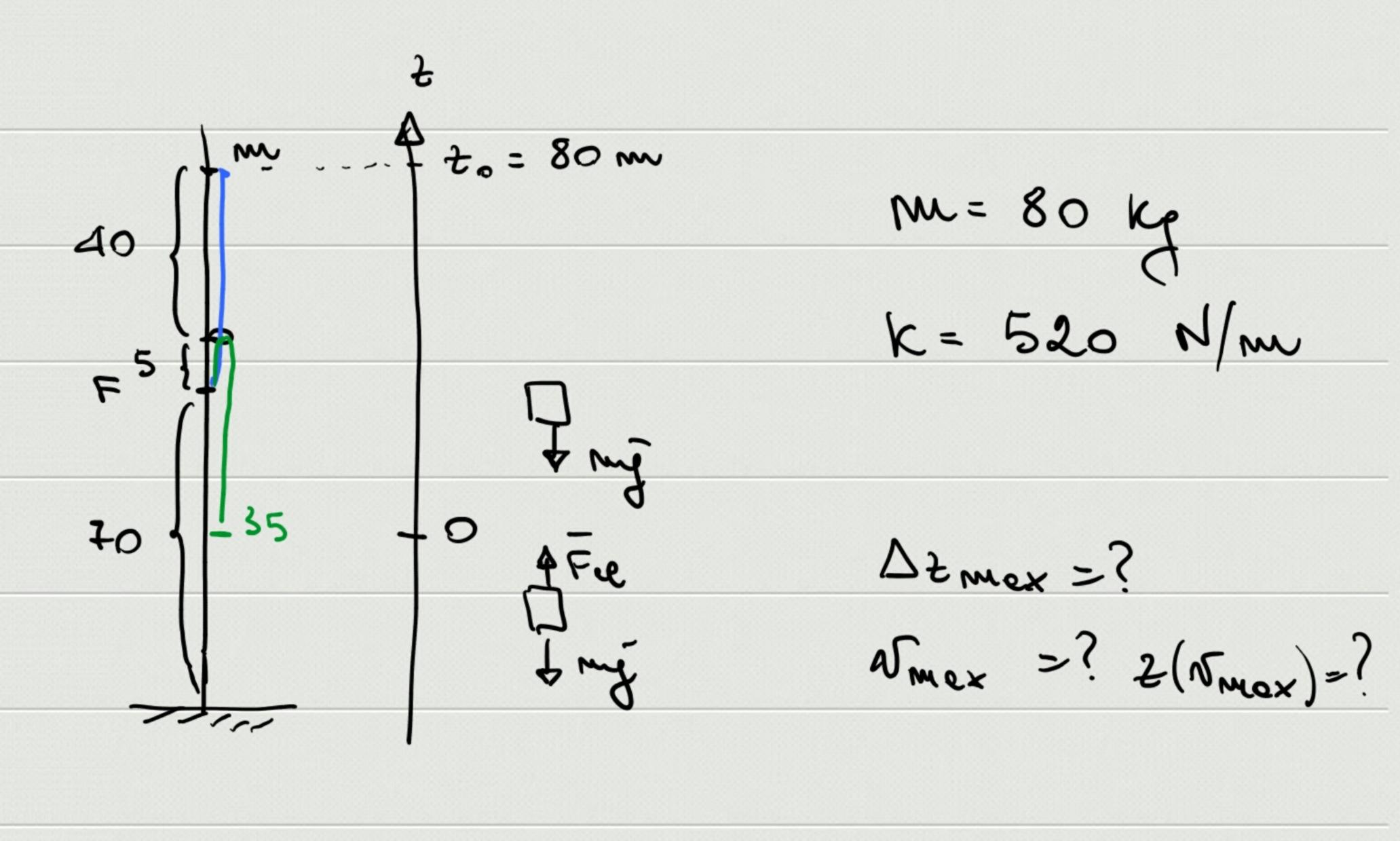


$$\sqrt{2} = gh(1 - mag - \mu \cos \theta)$$

$$\Rightarrow \sqrt{2} = 1.23 \text{ m/s}$$

 $V_{mc} = \Delta E_{mc}$ $-\mu d \mu g \cos \theta \cdot l = \mu g l \sin \theta - \frac{1}{2} \mu d \tau^{2}$ $l = \frac{2}{2} (3 - \theta + \mu \cos \theta)$



$$\frac{2}{50}$$
 mgto = $\frac{1}{2}$ m $\sqrt{2}(2)$ + mg2
 $\frac{1}{2}$ $\frac{1}{2}$

$$z_{\text{mex}}: \sqrt{(z_{\text{mex}})} \Rightarrow z^2 + \frac{z_{\text{me}}}{\kappa}z - \frac{z_{\text{me}}}{\kappa}z_0 = 0$$

$$t = -\frac{mg}{k} \pm \sqrt{\left(\frac{mg}{k}\right)^2 + \frac{2mg}{k}} = -17.1 \text{ m}$$

$$\frac{1}{\sqrt{2}} = 0$$

Trott, June 1.9.104 N Trott, June 2.2.104 N

Tmax = 8892 N

Tmose, max = 2 Trues ~ 1.8 109