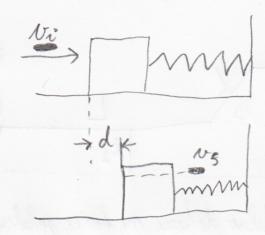
RIESENIE PRIKLAD E.4 [5 bodow]



A., Rychlost kvádra v okamihu po krázbe

ZZME:

once = 0,5

$$\frac{1}{2} M u^{2} = \frac{1}{2} k x^{2} | 15b$$

$$w = \sqrt{kx^{2}} | 1b$$

B., Rýchlort, klorom vysiel náboj a kvádra

$$mv_{I} + Mv_{o} = mv_{S} + Mu M5b$$

$$V_{S} = \frac{mv_{I} - MV_{M}^{2}}{m}$$

$$11b$$