2110-3 10/1/ Mewton's 3rd Law P.59 Horse Paradox

5.54 Bbok 13 shoved up 22° slojze Winitial speed 1.4 ms Coefficient of kinetic friztion 15 0.70 = Mu a) How far up slope block go? n = mg 650 fr= Mrn = Mrngcose $F_{net,} = -masine - \mu_n masos$ x = max

$$C_{1} = -10.0^{M} s^{2}$$

$$V_{0} = 1.4^{M} s^{2}$$

$$V^{2} = V_{0} + 2a \times$$

$$V = 9.8 \times 10^{7} \text{ m} = 9.8 \text{ cm}$$

$$C_{1} = \frac{V^{2}}{4a} \times \frac{V^{$$



