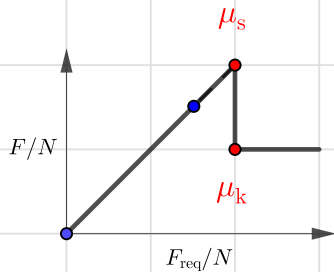


$$\sum F = \begin{pmatrix} 0 \\ 0 \end{pmatrix}, \sum M_B = 0 \quad \text{Equilibrium}$$



$$\mu_s = 1, \mu_k = 0.5, \\ N = 8.92 \text{ N}, F_{\text{req}} = 6.74 \text{ N}$$

