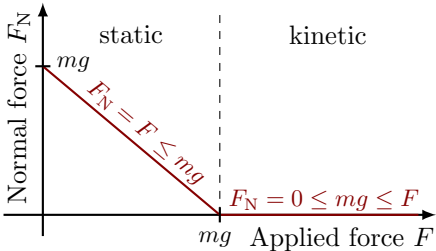


$$\mathbf{F}_g = -mg\hat{y}$$





$$F_g = -mg\hat{y}$$



$$\mathbf{F}_g = -mg\hat{\mathbf{y}}$$

