Parson on ladder. Ex11.3 p 350 Frichmers 1 Find Nw, Ny, Fs NG No e +X-

Static equilibrium in X 4; NI. X: EFx = 0 = F5 - Nw -> F5 = Nw Y = EFy = 0 = NG - W_ - W_ - NG = W_ + W_ WL = 180N, WA = 800N NG = 180N + 800N = 980N Colatinal diagram around base of Ladder. No 6Fs lost + Figen as (to g act at the stabled airs. 0 WLI

$$\frac{h_{y}}{h_{y}} = \frac{f_{s}}{\mu_{s}} = \frac{167.8N}{N_{G}} = \frac{167.8N}{980N}$$

