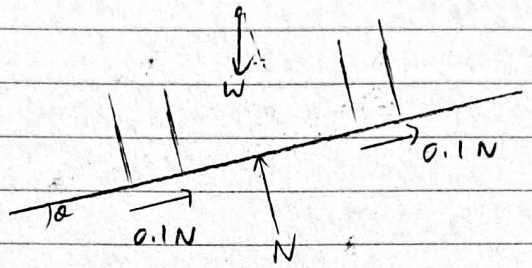
Solutions: 21-S-E.2-MK-02

$\mu_s = 0.1$



$\Sigma f_y = 0 = -W\cos\theta + N \quad \rightarrow \quad N = W\cos\theta$

$\Sigma f_x = 0 = 0.1 W\cos\theta - W\sin\theta$

$0.1 = \frac{W\sin\theta}{W\cos\theta}$

$0.1 = \tan\theta$

$\tan^{-1}(0.1) = \theta = 5.7°$

FIVE STAR.
★★★★★