













Ed Harvey Fred On a votating object, all positions have the same w ht r=rw Further at is Faster liver V  $N = r \left(\frac{2\pi}{+}\right) = \frac{2\pi r}{+}$ 





















- <del>D</del>  $\cdot \mathcal{I}C$  $F_1 = D$ 2 F.= ma. N cos (10-0) + fs coso = mac NSm0+MSNCOSO=MV2  $N(sin\theta + M_s cos \theta) = mv^2$  $Nsm(90-\theta)^2 - f_r sin\theta - mg = 0$  $N \cos \theta - \mu_s N \sin \theta = mg$  $N (\cos \theta - \mu_s \sin \theta) = mg$ 15= 57.6m







