Determine Me normal reartion and me angular orrelaration immediately after the release of the rod. Jean rest e2 w=0 LMB SF = Mag 1 (N-mg) e2 AMB Mc = 2 x m a + I3 X total Moment about C

$$M_c = -\left(mg \perp sin\theta\right) e_3$$

$$\alpha = -\alpha e_3$$
 ,  $\omega = 0$ 

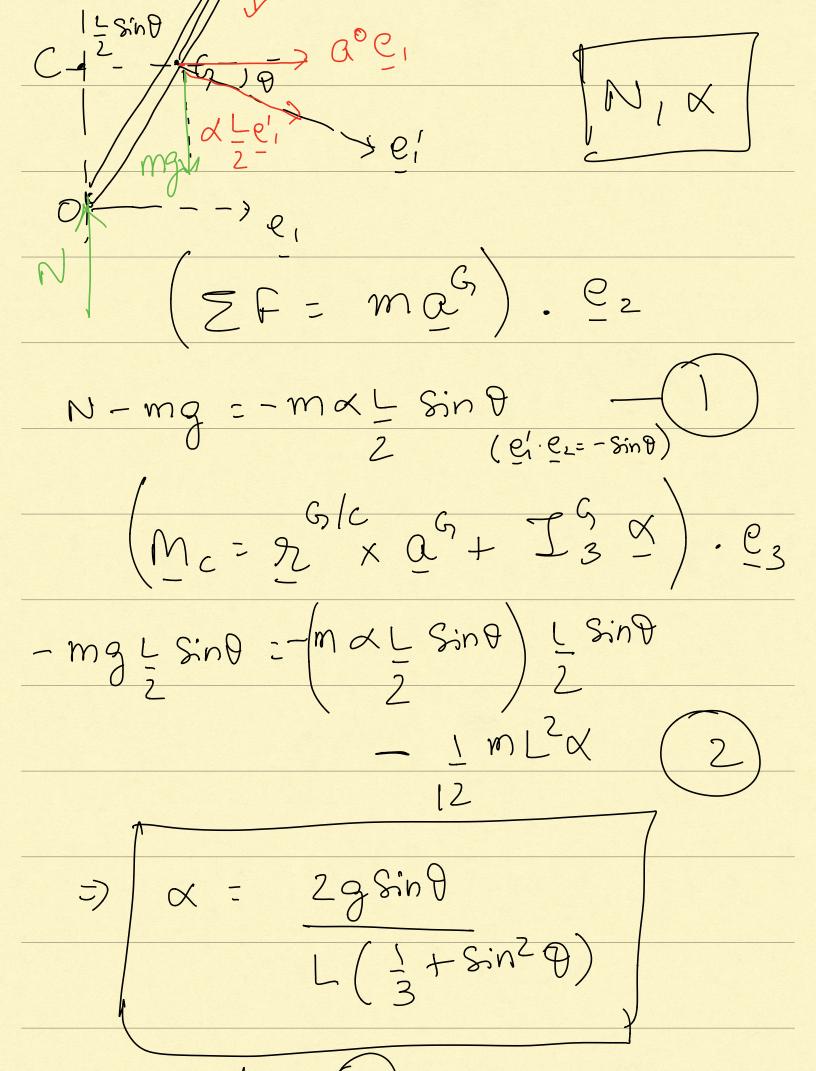
$$\frac{1}{a^{\circ}e_{1}}$$

$$-\alpha e_{3}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

 $| X = -XC_3$ 



mg 1+35in<sup>2</sup>9 N =