

Thus, maril = ZF $m(\ddot{\gamma}-\chi\dot{\theta}^2)\hat{a}_1+m(\chi\dot{\theta}+2\dot{\chi}\dot{\theta})\hat{a}_2$ = [ngcos 0 - k(x-L)] an + mgsin Daz $m\ddot{x} - mx\dot{\theta}^2 = mg\cos\theta - k(x-L)$ m20 - k(x-L) - mgcos 0 - m 2002 = 0 $\mathring{\chi}$ + $\frac{k}{m}(\chi - L)$ - $gcos\theta - \chi \mathring{\theta}^2 = 0$ $m(\chi \ddot{\theta} + \chi \dot{\chi} \dot{\theta}) = mg \sin \theta$ χθ - gsing + 2xθ =0