



To get displacement of M2 and M3 which will always be d2=d3 at ata given:

J = (Vo.th) + \frac{1}{2}\tan)^2 ass = \frac{1}{2}\tan)^2 azs

Now M23 can't escape the hole and M2 con't fall from hole so we recold set limit by

[M25]

Airbing the length of the rope:

BH = fope minimal = X10 - X20 - needed - displacement of M3 at new is = rope H

BY = fope vertical = Y10 - Y30

BL = Rope length = RH + RV - no reed

A no reed

Y2 N X1 or X2 N X3

Sume