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(3)

3)

ms = mass of 1 skewer = 0.001 kg

R = distance of up from axis of rotation = 0,127 m

108: = 0 since v; =0 PS. = ICE + PE PE = megh = 0.865h Sample Calcs: At time += 1,979: \*velocity = 0.350 m/s y= 0.057 m y relocity = -0.074 m/s Vtotal = (0350)2+1-00102 = 0.358 m/s 105 = \frac{1}{2} \int \mathbb{U}^2 = \frac{1}{2} (0.00044) \frac{(0.358)^2}{(0.127)^2} = \frac{(0.0017 J)}{(0.127)^2} DE=0.265 (0.043) = 0.011 J

0

