These	are NOT notes. They are a <u>visual aid</u> (20%) for a <u>verbal explanation</u> (80%).
	Conservation de Energy
	TEM = JED
	$W_{1}gh_{1} + M_{2}gh_{2} = \frac{1}{2}I_{1}w_{1}^{2} + \frac{1}{2}I_{2}w_{2}^{2} + \frac{1}{2}M_{3}v_{3}^{2}$ $+ M_{2}gh_{1} + M_{2}gh_{2} - 2M_{3}g$ (3)
	9.53 will be set to extra credit
; ;	

These are NOT notes. They are a visual aid(20%) for a verbal explanation(80%). M and length about an axis dM= 2dx distance from not axis for the same not find I about an axis running through the center (as Shown below

·	TABLE 9.2 along w/ Haxes thrm. and
	Superposition.
EX	J Find I for a Mace (rod was ball on the end) rotated as shown
	I (P) M
	i M
	I = Irod + Iball = mL + Iball +BIE 9.2 Sphere(Solid)
	Typere = = = MR
, i	
The second secon	J 1 200 - 3 WIK + 101 D
	I I ball = 3 MR + MD = 3 MR + M(L+R)
	== 3 m (L+R) = 3 m (L+R) = 3 m (L+R)

from axis of notation to the point where fixe is applied

Rx By Bz

