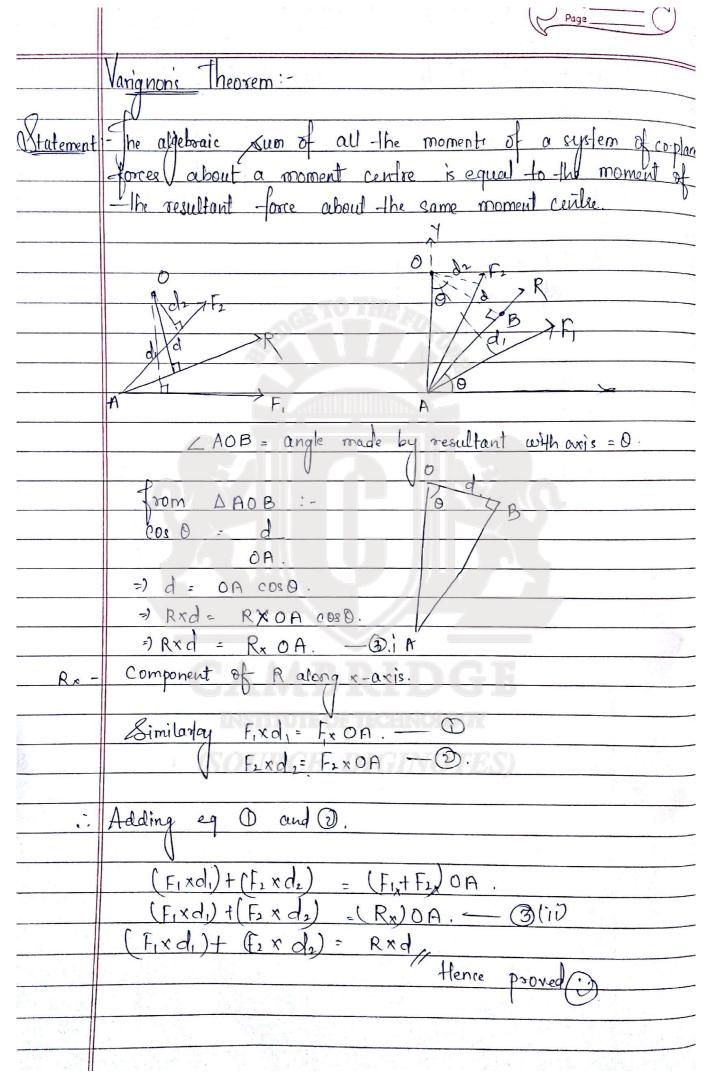
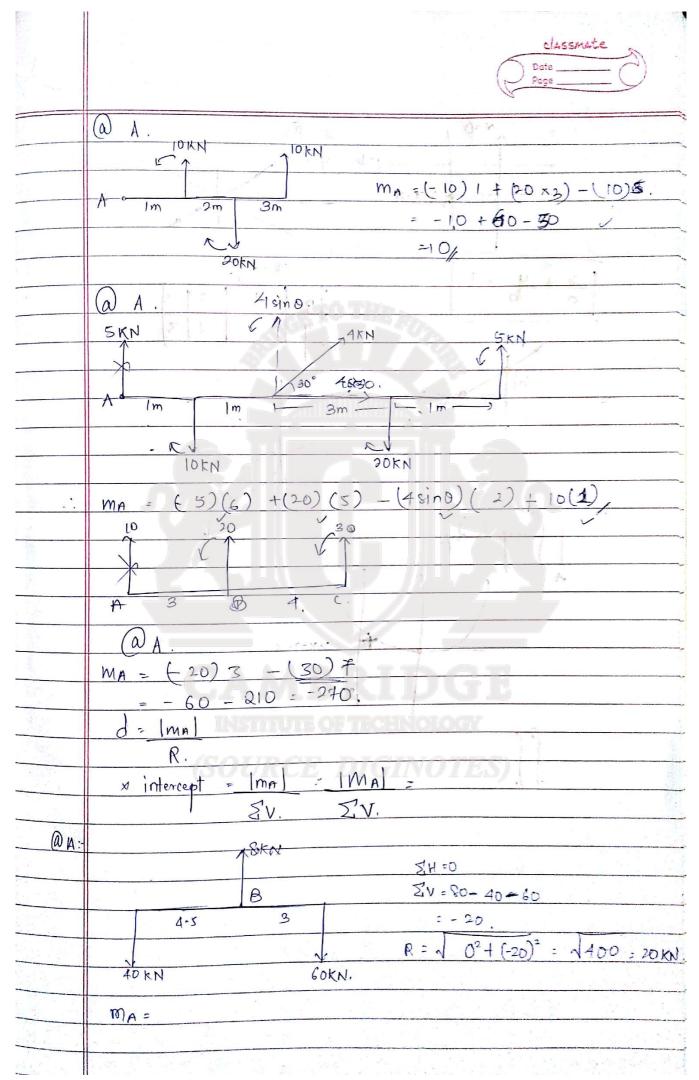
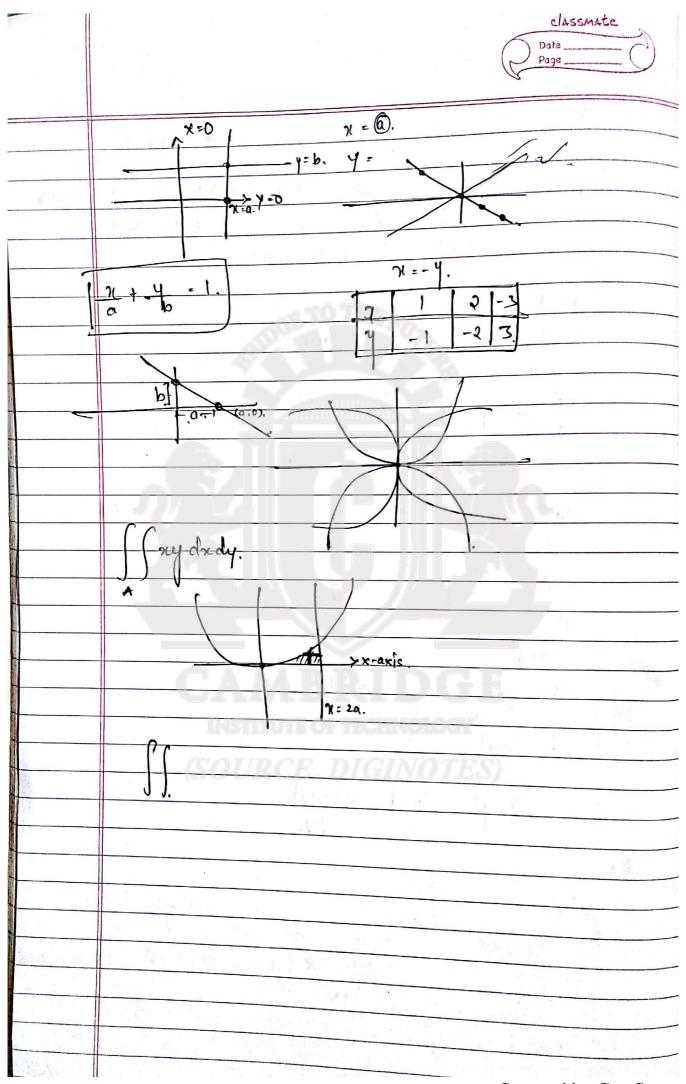
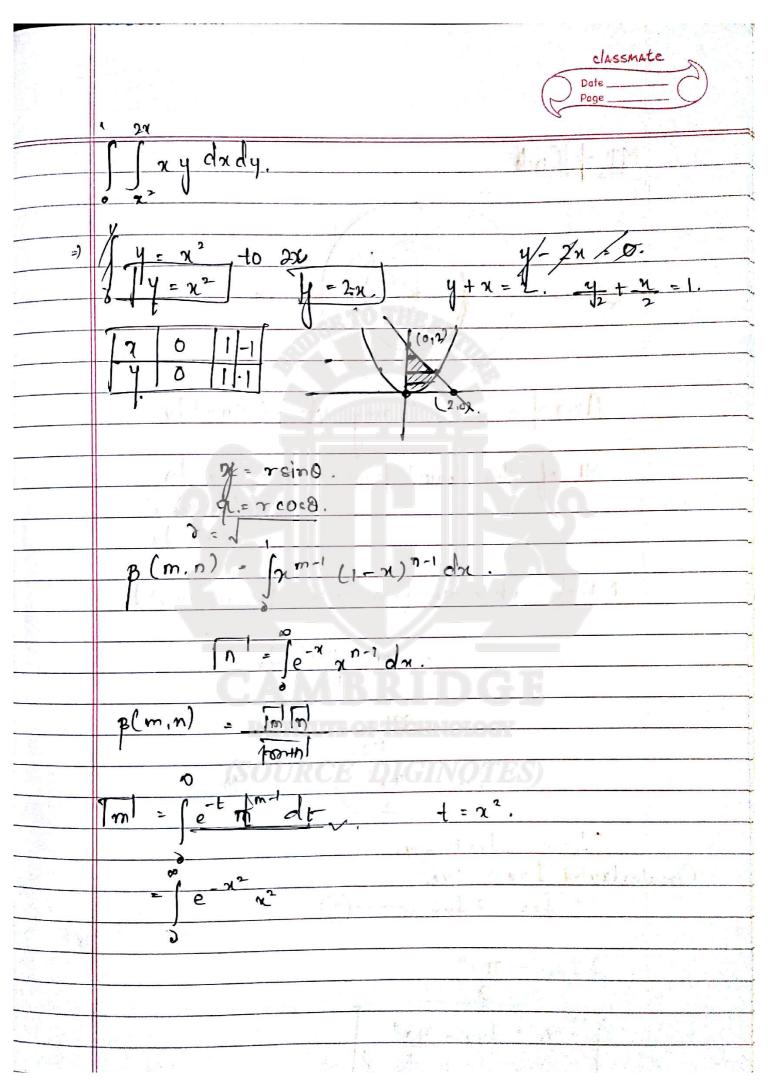
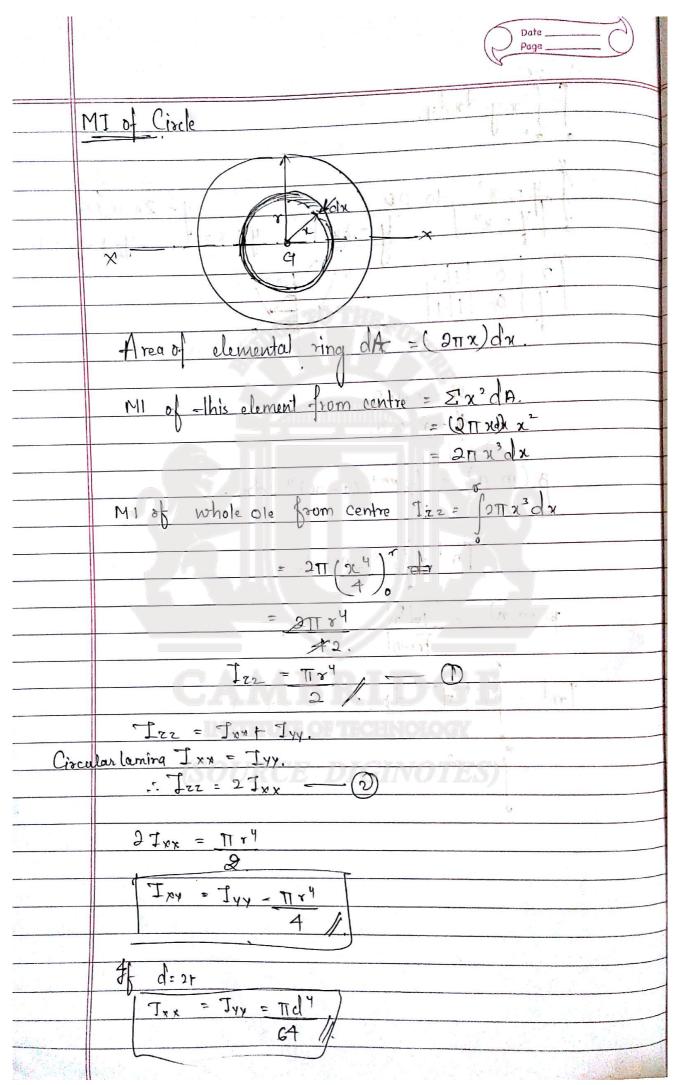
	MODULE -5
Date 23 5 17	KINEMATICS Date Page Date
->	Kinematics: without considering forces.
	Kinetice : considering the forces.
	Displacement : scate of change of position.
	Linear Velocity
	Angular Velocify
	Uniform velocity
1	Non-uniform (velocity
	Average Velocity
-	$V_{\alpha v} = \Delta s$ Δt
->	Instantaneous Velocity
	Vin = lim As ds
	Atzo at at
->	Deaccelaration/Retardation: Acceleration with decreasing
	No section.
The state of the s	Derivation of equations of motions:
	V V
	V= u+at
	$s = ut + 1 at^2$
	2 2 00 0 0
	$V^2 - U^2 = \mathcal{Q}as$.
	Acceleration due to gravity (g) -
7	Contraction and I have been been been been been been been be
	a = clv $v = dx$
Tadal	volv. dt alt
J.	dv. adt. dv. da
=) an =	12 felv = aft gla = (utat) dt
	2. " Jdx = [(u+at) dt v+(v-u) = a(t-0) = a(t-0) v+(v-u) = a(t-0)
=12as =	$\frac{ v^{2}(v-u) ^{2}}{ v^{2}(v-u) ^{2}} = \frac{ u+u ^{2}}{ v^{2}(v-u) ^{2}} = \frac{ u+u ^{2}}{ u-u ^{2$
=)2as= ·	1 - W. J. J.
	a = v. dv S = 0 ut -1 al?

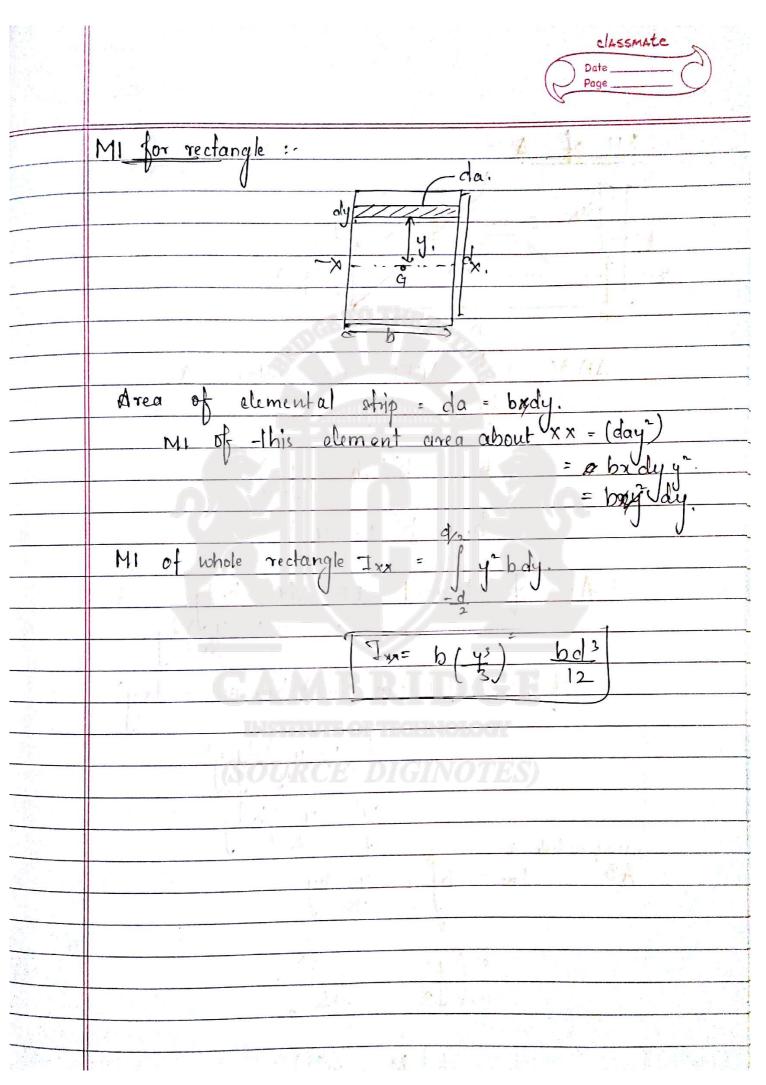


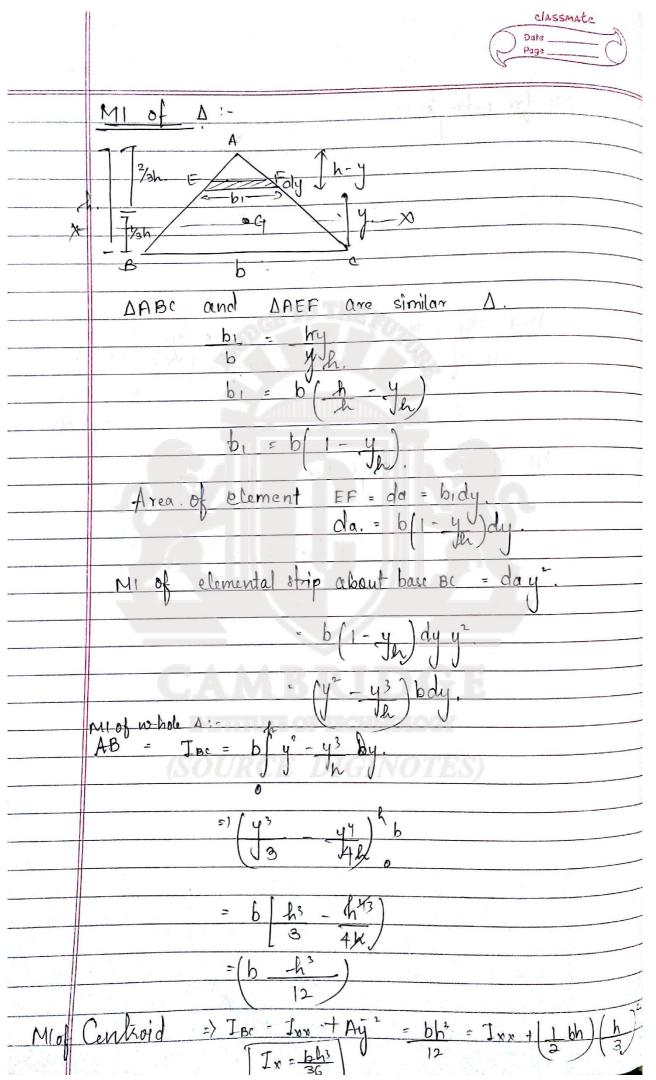












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