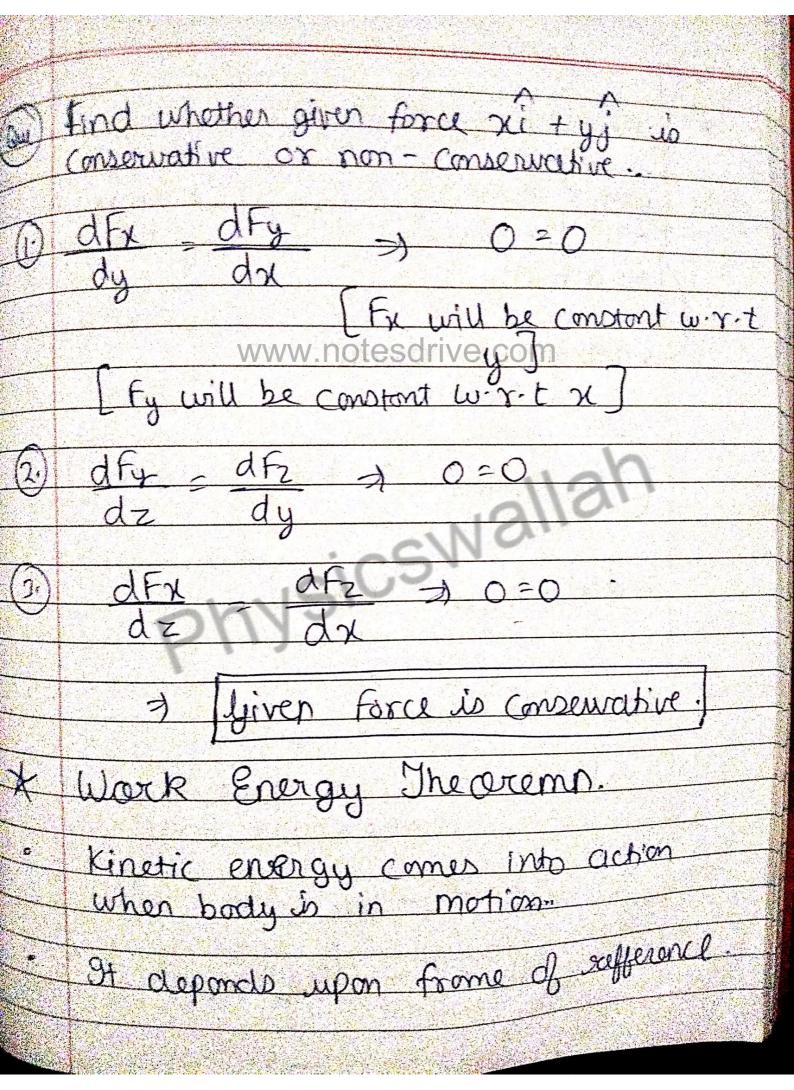
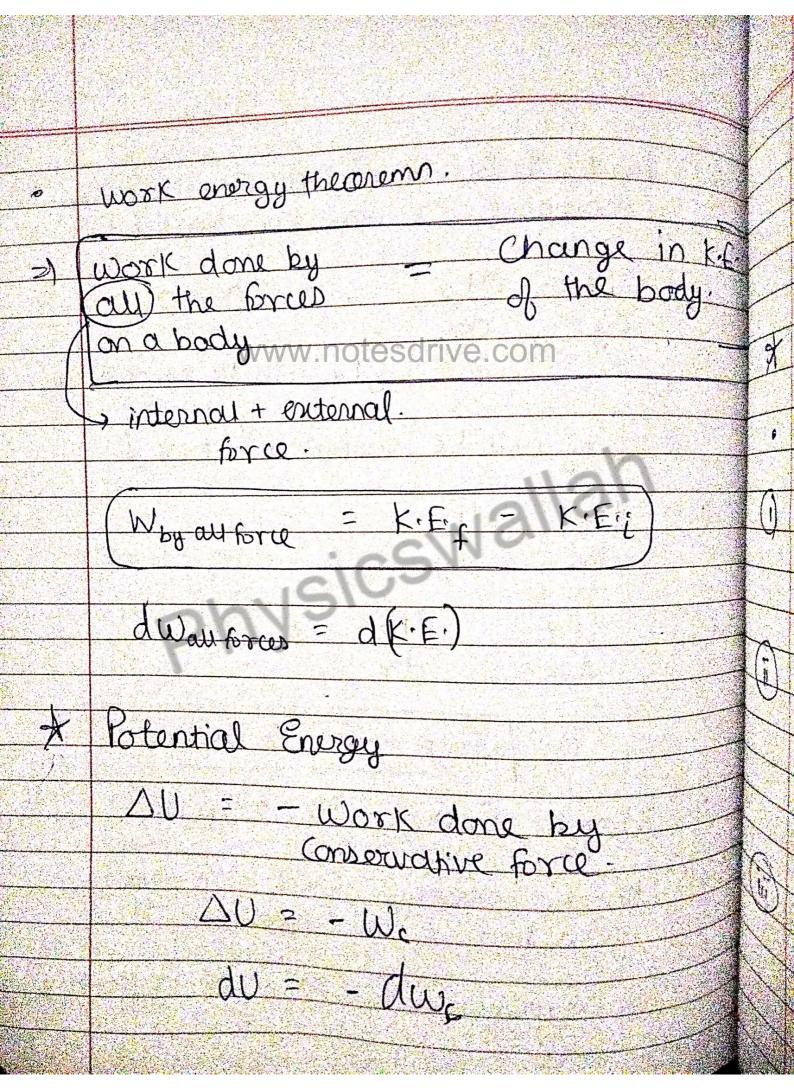
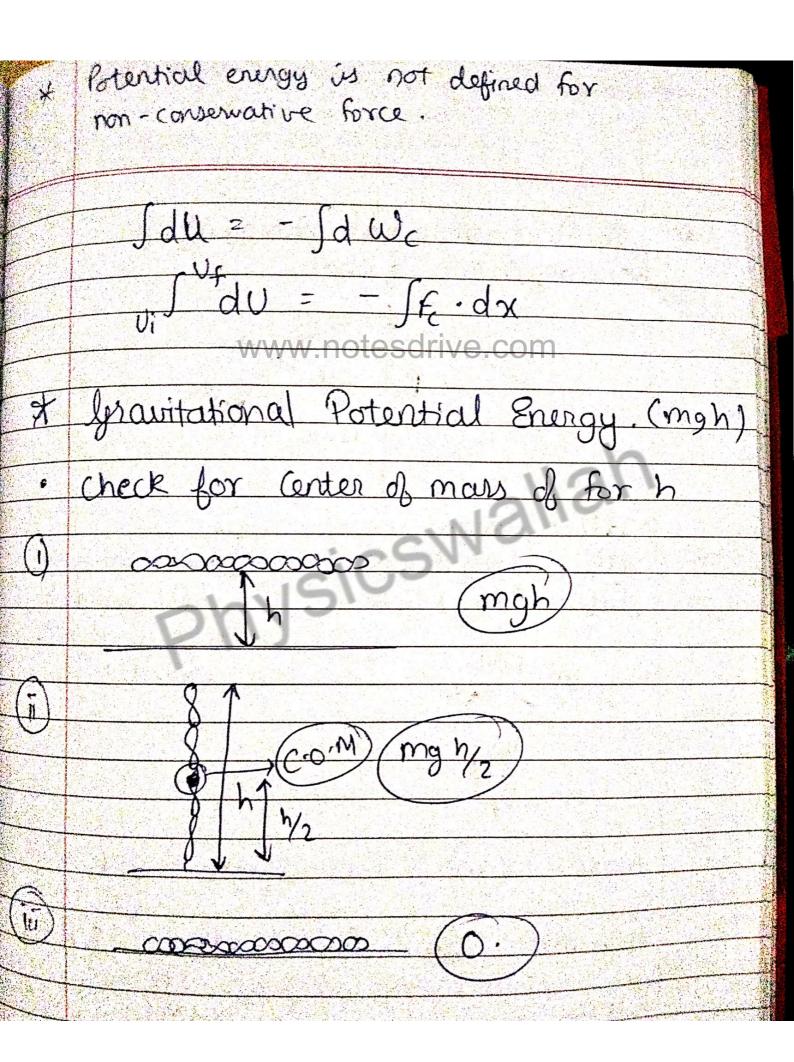
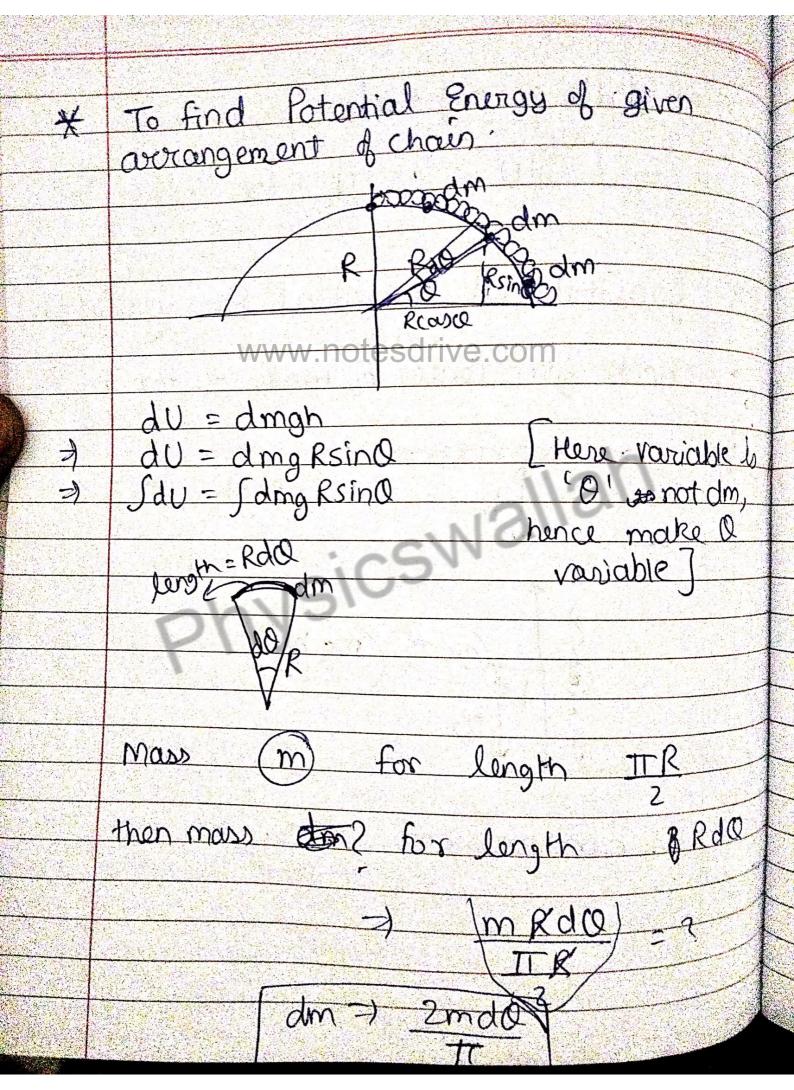


	Non conservative forces are forces with one not conservative:	1
*	Conservative force Non conservative of	
<u> </u>	WI = WI WI + WI	
•	does not depend does depend on upon path path	
	Closed path $W = 0$ $W \neq 0$	
(¥)	Il a Force às conservetive	
	then F = Fxi + Fyj+Fzk	
Chock	$\frac{1}{\delta y} = \frac{\delta fy}{\delta x}$	
	$\frac{1}{1} \frac{\delta F_{X}}{\delta r} = \frac{\delta F_{Z}}{r}$	
	$\frac{6}{6}$ $\frac{8}{6}$ $\frac{8}{6}$ $\frac{8}{6}$	

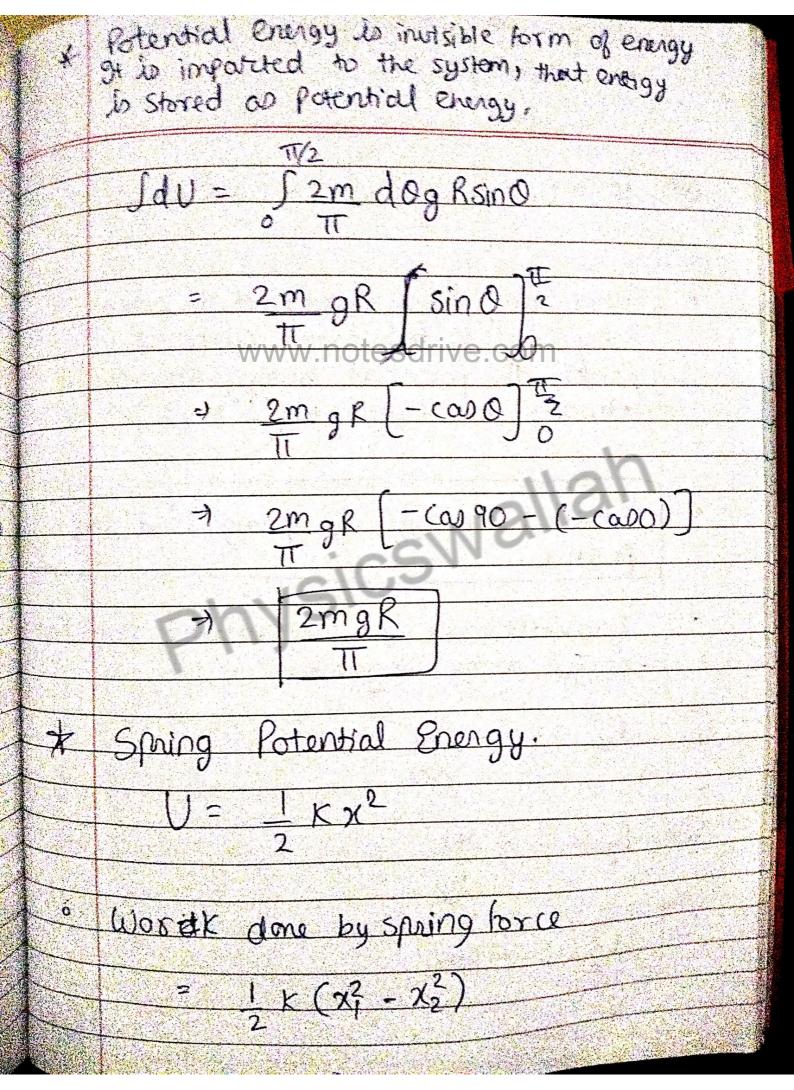








Scanned by CamScanner



*	Potential Energy of Spring is zero at its natural length.	
Andrew Control of the		
(A)	$U_2 - U_1 = \frac{1}{2} K x_2^2 - \frac{1}{2} K x_4^2$	
and the second s		
	on the charthad x on	
•	Bither you have stretched x, or compressed & now soft on conditional	
	length the potential energy Stored will	
	length the potential energy Stored will always be equal to (1 KX2).	
0	Phasis a comment	
	Potential Envirgy of spring is always positive.	
	Losinve.	
	gravitational & Electrostatic Potential	i i
	gravitational & Electrostatic Potential energy con be negative.	-
$\overline{\alpha}$		
*** *********************************	$-\mathbf{r}_{\mathbf{x}} = -\mathbf{q}_{\mathbf{y}}$	
	$d\alpha$	
$(\widehat{\varphi})$	Gu 2 - dU	
	dy	
(8)	$F_z = -dv$	
P	dz	

