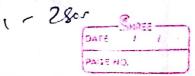
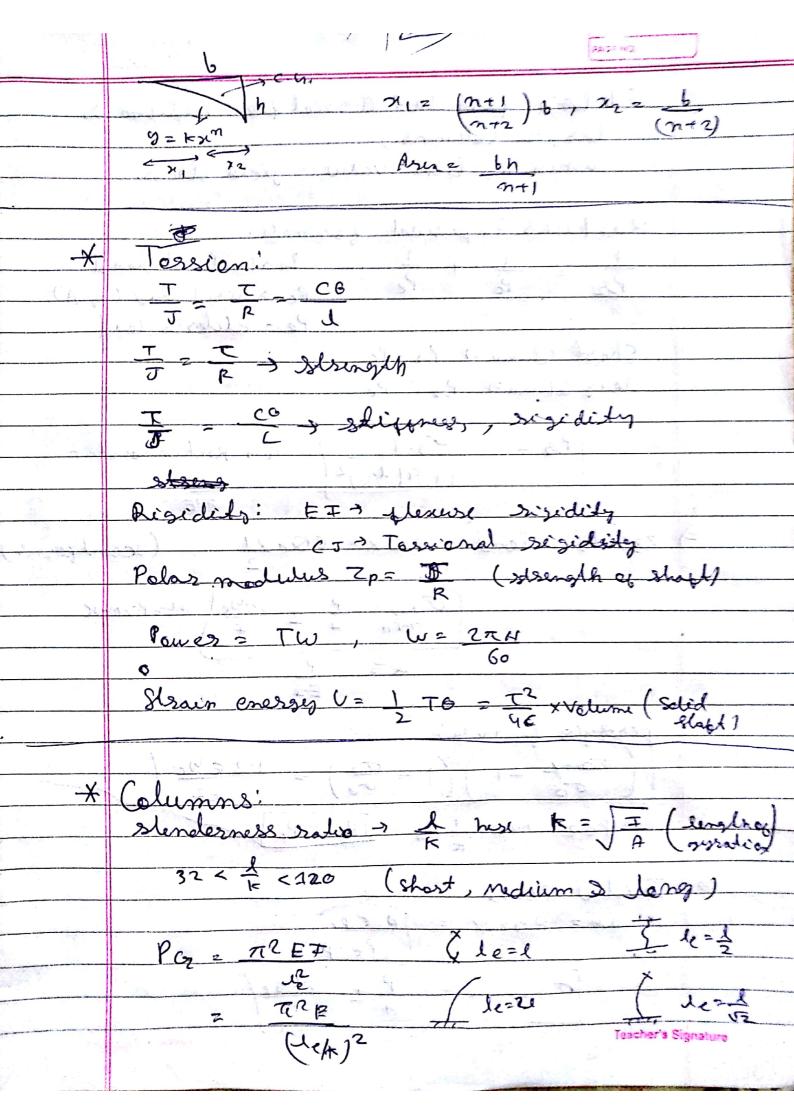
Mos



 $\frac{d}{d} = \frac{P}{A} = \frac{SI}{J} = lateral = \frac{Sd}{d}$ hooks law o = EE = youngs modulus linear Strain elengation 1. > 5-1. > durlice CSI. Brille SI=Pl , of = II , Medular radio (Composide bas) $\Delta L = L \times \Delta t$, $\delta = E + 2\Delta t$ $\Delta L = L \times \Delta t$ E,+E, = (22-2,)A+ Araim energy C= 02 AZ $\frac{\sigma_6 = \sigma_{x+\sigma_9}}{2} + \left(\frac{\sigma_{x-\sigma_9}}{2}\right) \frac{c_{s20}}{c_{s20}} + \frac{\tau_{s20}}{2}$ T6 = - (0x-09) sinze + Toos 20 tom 26ps 2t 0 = 0 x 6 x 6 + 0 6 sin 20 (when ome of x & 00) 01,2 = 0x+04 1 (0x-04)2 + 72 Tomax 2 01-02 1 Os = 6p+45' = oxtoy

Teacher's Signature



	Ellosse formula: Corsect for medium s
1- Y 1	largez Colimns,
	largez Colimns, when exilered value = gield stress.
	Rantine's Enpisical posmula:
	Per 2 Pc + 1 Pe Pc 3 direct load (og. A)
	12 Pc Pe Pc > direct land (og. A)
	Po = eliles/2 load
	Short Column 2 Ps=Pc
	long Column 3 Pr = Pe
	The second secon
	Pg = oy. A a - Ronkom Constant 1+ a(1/k) ² oy 72E
	1+ 9(1/k)2 og
<u>د</u>	C A TOPE OF THE STATE OF THE ST
	Esentsia load: Grax = escal (scentjorn
14	the sale of the sa
	Omax= P Muse M2 Pymose
	the following the second the
9.	~ 2 P
(has	non Principal and the Establishment of the Establis
1 have	personale:
1 have	(50mm - 1) (1 - 50) = 1.2 e /sc
1 kgs	Personal (1 - 00) - 1.2 e vice 1.2 e vice
o alases	(50mm - 1) (1 - 50) = 1.2 e /sc
	Personal formula: (50000 -1) (1 - 50) - 1.2 e sac For min 1 - Pe = Pc R
o de esta de la compansión de la compans	Personal formula: (50000 -1) (1-50) - 1.2 e sa Fe = Pa For min 1 - Pa = Pa Fortial curve:
o de esta de la compansión de la compans	Personal formula: (50mm -1) (1-50) = 1.2 e se For min 1 - Pel = Pe Tribial curve:
o de esta de la compansión de la compans	Personal formula: \[\begin{align*} \text{Conord} & \text{Formula} \\ \text{For min } & \text{Fe} = \text{Fe} \\ \text{For min } & \text{Fe} = \text{Fe} \\ \text{For tight curve:} \\ \text{P.M = P & mod = P C Pe} \\ \text{Pe-p} \end{align*}
o de esta de la compansión de la compans	Personal Curve: De Para = Para = Pcpe

