

Assignment No. 2

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Subject: Elasticity

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	FAI8-BSM-037 RIMSHA WAHEED
	QUESTION
	STRAIN - DISPLACEMENT RELATION
	FROM CYLINDRICAL TO SPHERICAL
	COORDINATE SYSTEM
9	Inswer:
	The relation between Cylindrical
	and Spherical Couldingles is
	6= SSIND 7= SCOKD 0=0
	12/2010
	$S = \sqrt{3^2 + 2^2}$ $\Theta = +an'\left(\frac{y}{x}\right)$
	$Q = c_{\infty}(C_{\infty}) $
	9- BAR (38 3)
	The Partial derivatives for the
	above Estuation eve
	6. 16+ 6. 26 = 6
	98 36 36 36
	= Sint 3 + x2 .3
	25 F2-2's 20
	c = bc + c = c
	95 95 95 96
-	= (050) 3 + 27 3
	Man 2 18-7.8-12 20
	Now,
	Us = 120 Sin to + 120 >
	$\sqrt{\frac{1}{2}} = \frac{1}{2} = \frac$
	BEREFR PAPER PRODUCTS





