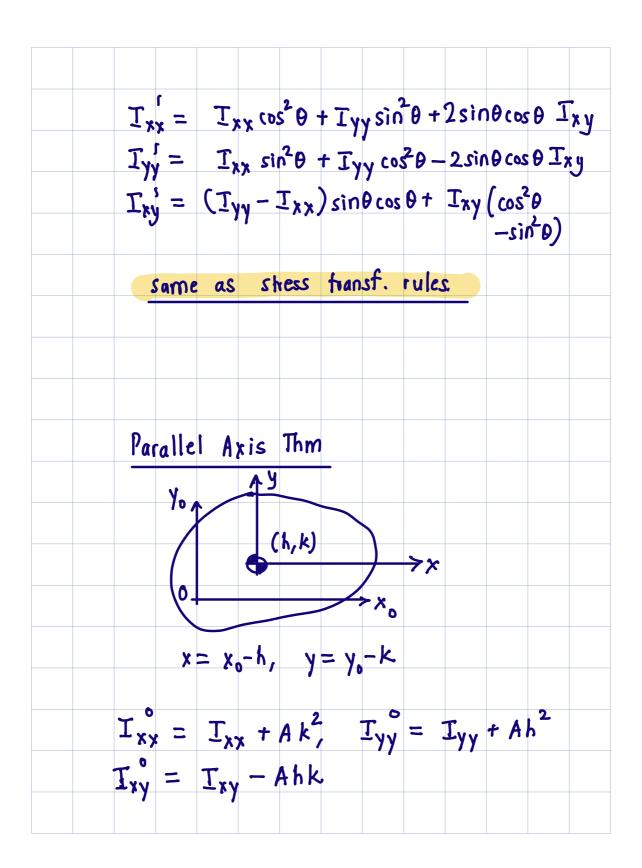
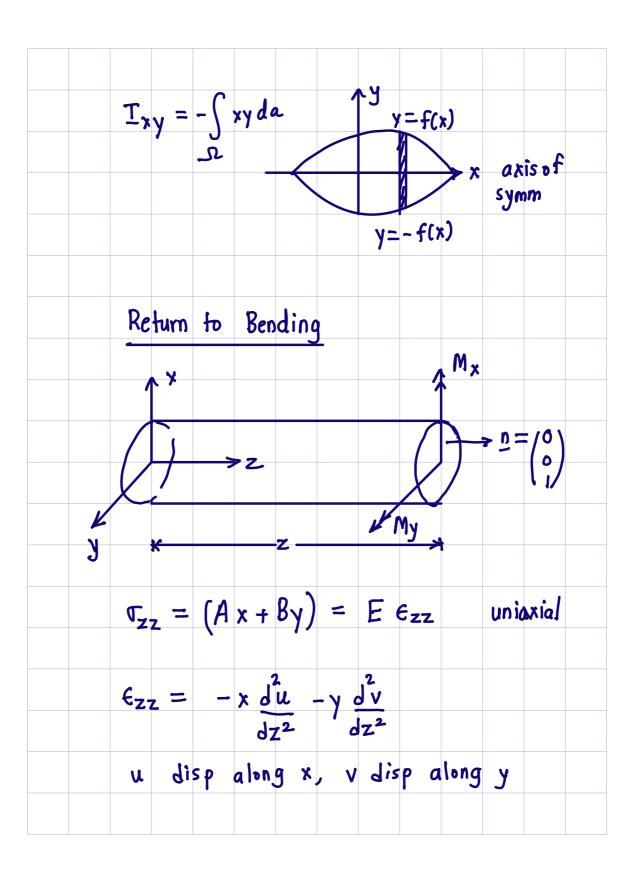


	x cosb+ys -x sinb + yc			
I _{x'x'} = I	$x'_{xx} = \int$	y'2da'		
da ^r = Jda	().		3x'	
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$dx' = \cos\theta$	dx+sin0dy		cos 8	sinø
$dy^1 = -\sin\theta$	dx + cos0 d	ly	-sin0	cosθ
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	(-xsin0+			
$= \sin^2 \theta$	$\int_{0}^{2} x^{2} da$	+ cos ² 0	r ² da – 2sir cose	no xyda
	26	2		52





Eqm on c/s,

Force
$$\int t da = 0$$
 $t = (\int xz) = (0)$

Eqm $\int xz da = 0$ equating $\int xzz da = 0$

A $\int x da + B \int y da = 0$

The standard $\int xzz da = 0$

The stand

$$M_{x} = \int_{\Omega} y \, \sigma_{zz} \, dxdy \qquad \text{Equating } \underbrace{e_{x_{i}} e_{y}}_{\text{components}}$$

$$M_{y} = -\int_{X} x \, \sigma_{zz} \, dxdy$$

$$-\int_{\Omega} x \, (Ax + By) \, dxdy = My$$

$$-A \, I_{yy} + B \, I_{xy} = My$$

$$-A \, I_{xy} + B \, I_{xx} = Mx$$

$$\int_{\Omega} I_{xx} = I_{xy} = I_{xy}$$

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