CVEN 305-301 Topic _____ Of ____ Of _____ Of ____ Of _____ Of _____ Of _____ Of _____ Of ____ Of _____ Of ____ Of _____ Of _____ Of __

Stesses Under General Loadin	ng Conditions	AF
	P_2 ΔV_y^x	$\sqrt{\chi} = /i m \qquad \Delta A \rightarrow \infty$ $\Delta A \rightarrow \infty$
	ΔV_z^{τ} Q ΔF^{τ}	$Txy = \lim_{\Delta A \to 0} \frac{\Delta V y}{\Delta A}$
P ₁	P ₁	AVZ
x	X	$TXZ = /im \Delta X$ $\Delta A \rightarrow 0$ $\Delta A \rightarrow 0$

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CVEN 305-301

Mechanics of Solids

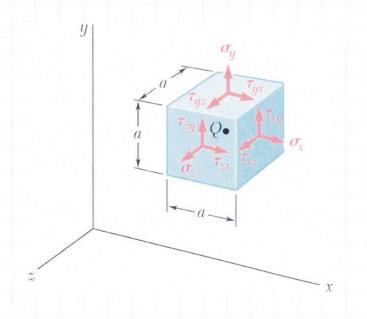
Topic_

General Stress

Date 6/11/15

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Stesses Under General Loading Conditions



Normal Stresses

Shearing Stresses

TXY=TYX

TXZ=TZX

Tyz=Tzy

6 independent Stress Components

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