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CVEN 305-301	Topic	Paisson's Ratio	Date <u>6</u>	1/6/	15
Mechanics of Solids			Page/_	of	

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Poisson's Ratio		Ex = 5 L	lateral Strain
EZ	1	1 = V = -	9xiq   strain
ZEX A		€ <sub>Z</sub> = - \	$\mathcal{F} \in x$
LEY	x	€y=-	TEX
	0 \le \tag{-1955}	<.50 Metals	Rubber
Cork	,21	, 3	.50

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