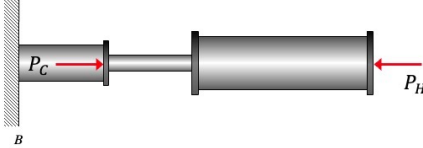
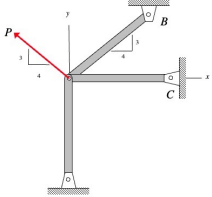
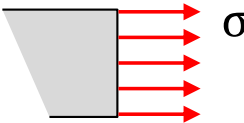
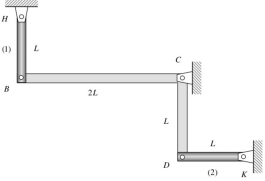
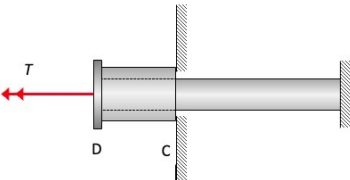
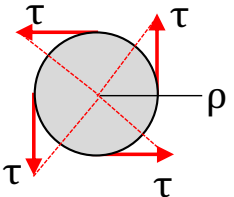


Where we have been: uni-axial loading

stress

load/deformation

<p>Rod</p> 		
<p>Truss</p> 	$\sigma = \frac{F}{L}$ 	$e = \frac{FL}{EA}$
<p>Thermal loading</p> 		$e = \frac{FL}{EA} + \alpha \Delta T L$
<p>Shaft</p> 	$\tau = \frac{T\rho}{I_P}$ 	$\Delta\phi = \frac{TL}{GI_P}$

Where we are going: bending beams

