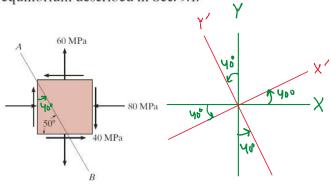
## Plane Stress Transformation question solution using Method of Equilibrium

**9–7.** Determine the stress components acting on the inclined plane AB. Solve the problem using the method of equilibrium described in Sec. 9.1.



Probs. 9-7/8

Mechanics of Materials, R.C. Hibbeler 1oth Ed. Pearson

Solved by Civil Thinking completes 
$$\sqrt{\frac{5 \ln 96}{55}} = 0$$

$$\Rightarrow \nabla_{\chi} = -61.55 \, \text{mPa} = 61.55 \, \text{mPa} \left[ \text{completes ve} \right]$$

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