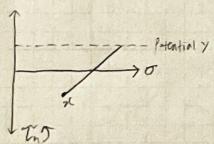
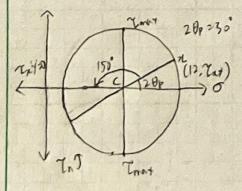


$$\sigma_{x} = 0$$
 $\sigma_{ave} = \frac{1}{2} (\sigma_{x} + \sigma_{y}) = -18.28 \text{Mpa}$

Smax = 12,18/4/2



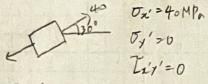
R (σ_y, -2ω) B = tan 1 (Try) = 14.93"



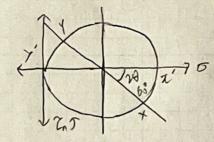
a)
$$\tan 2\theta_p = \frac{2\gamma_{ij}}{\sigma_{x} - \sigma_{x}}$$

$$T_{xy} = \frac{(\sigma_x - \sigma_y)}{2} + nn2\theta_p = 2.89 MP_n$$





$$R = \sqrt{\frac{(\sigma x' - \sigma y')^2}{4} + \frac{7}{2} x' y'^2}$$



$$\int_{\gamma,\gamma}$$

$$2\theta_p = \tan^{-1}\left(\frac{2 \chi_{x,t}}{\sigma_{x} - \sigma_{y}}\right)$$