

$$60 = \epsilon_x$$

$$135 = \frac{\epsilon_x + \epsilon_y}{2} + \frac{\epsilon_x - \epsilon_y}{2} \cos 120 + \frac{\gamma_{xy}}{2} \sin 120$$

$$-(264) = \frac{\epsilon_x + \epsilon_y}{2} + \frac{\epsilon_x - \epsilon_y}{2} \cos 240 + \frac{\gamma_{xy}}{2} \sin 240$$

$$-129 = \gamma_{xy} \sin 120$$

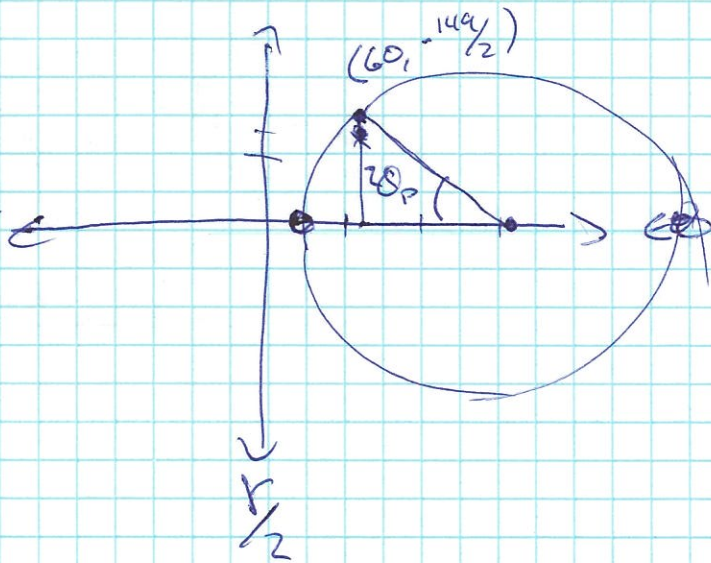
$$\gamma_{xy} = -149$$

$$135 = \frac{60 + \epsilon_y}{2} + \frac{60 - \epsilon_y}{2} \cos 120 - \frac{149}{2} \sin 120$$

$$+ \frac{149}{2} \sin 120 - 30 \cos 120 + 135 = \frac{\epsilon_y}{2} - \frac{\epsilon_y}{2} \cos 120$$

$$= \epsilon_y \left( \frac{1}{2} - \frac{1}{2} \cos 120 \right)$$

$$\epsilon_y = 246$$



$$R = \sqrt{60^2 + \left(\frac{149}{2}\right)^2}$$

$$= 95.7$$

$$\epsilon_1 = 248.7$$

$$\epsilon_2 = 57.3$$