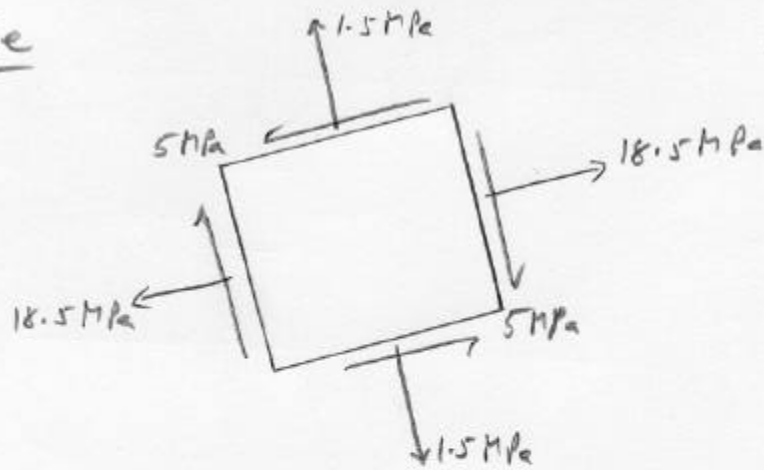


② contd.

ie



FOR THE PLANE AT 75° TO THE X-AXIS A ROTATION OF $2 \times 15^\circ$ FROM AX ABOUT A IS MADE TO CONSTRUCT THE LINE $(1')(2')$ FROM POINTS $(1')(18.5, -5)$ AND $(2')(1.5, 5)$. THESE POINTS REPRESENT: $\sigma_{n_1} = 18.5 \text{ MPa}$, $\tau_1 = 5 \text{ MPa}$ ANTICLOCKWISE AND $\sigma_{n_2} = 1.5 \text{ MPa}$, $\tau_2 = 5 \text{ MPa}$ CLOCKWISE.

