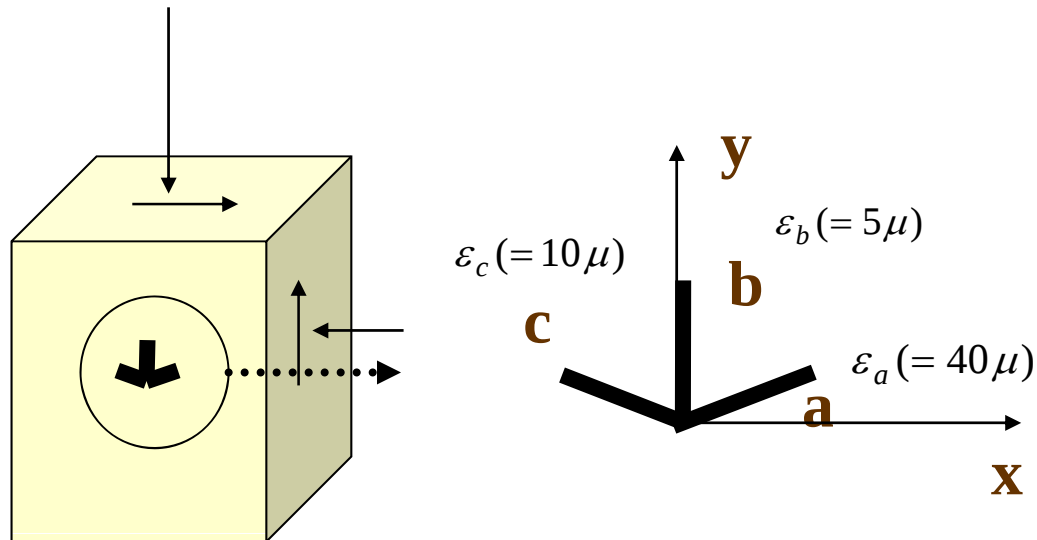


HW7

- 1. Determine the two dimensional strain tensor
$$\begin{pmatrix} \varepsilon_x \\ \varepsilon_y \\ \gamma_{xy} \end{pmatrix}$$



Strain gage a,b,c
分別與水平夾

$$\theta_a, \theta_b, \theta_c (= 30^\circ, 90^\circ, 150^\circ)$$

- 2. Determine the principal strains and principal directions