$$\mathcal{E}_{\overline{z}} = \frac{G_{\overline{z}}}{\overline{z}} = \frac{100 \times 10^6}{3 \times 10^9} = 8.033 \subseteq$$

$$\Sigma_{y} = \Sigma_{x} = -V\Sigma_{z} = -0.31 \times (0.033) = -0.014 =$$

6) Amore 
$$\mathcal{E}_{\chi} = \mathcal{E}_{\mathcal{I}} = 0$$
 (Esic >) Exposing)

$$\begin{pmatrix} 0 \\ 0 \\ \frac{2}{4} \end{pmatrix} = \begin{pmatrix} \frac{5x}{4} - \frac{75y}{4} - \frac{75y}{4} \\ \frac{75y}{4} - \frac{75y}{4} - \frac{75y}{4} \end{pmatrix} \begin{pmatrix} \frac{5y}{4} \\ \frac{75y}{4} + \frac{75y}{4} \end{pmatrix} \begin{pmatrix} \frac{5y}{4} \\ \frac{75y}{4} +$$

by symmetry 
$$\sigma_{x} = \sigma_{y} = \sigma_{\tau}$$
  $\sigma_{z} = 100 \text{ MPa}$ 

$$O = \frac{O_T (1-V) - VO_Z}{E} O$$

$$\mathcal{E}_{z} = \frac{-2V}{\mathcal{E}} \mathcal{O}_{+} + \frac{\mathcal{O}_{z}}{\mathcal{E}} \mathcal{O}_{z}$$

$$f_{m} = 0.3 \times 100 \times 10^{6} \text{ and } 200^{4}$$

$$(1-7) = 0.3 \times 100 \times 10^{6} \text{ and } 200^{4}$$

$$(1-0.3)$$

$$0.7 = 42.9 \text{ MPn}$$

$$\frac{\xi_{7}}{\xi} = \frac{1}{12000} \left( -2 \times 0.3 \times 42.9 + 100 \right) \times 10^{6}$$

$$= \frac{1}{2 \times 10^{9}} \left( -2 \times 0.3 \times 42.9 + 100 \right) \times 10^{6}$$

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