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$$\sigma = \begin{bmatrix} 12 & 3 & 24 \\ 3 & 24 & 5 \\ 24 & 5 & 35 \end{bmatrix}$$
 i MPa  $\hat{n} = \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix}$  e T. On each of the coordinate planes (with normal in e<sub>1</sub>, e<sub>2</sub>, e<sub>3</sub>, directions), (a) what is the normal

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The continuum theory regards matter as indefinitely divisible. Thus, within this theory, one accepts the idea of an infinitesimal volume of materials, referred to as a particle in the continuum, and in every neighborhood of a particle there are always neighboring particles.