Roark’s Formulas for Stress and Strain

WARREN C. YOUNG

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Part 1 Definitions

Chapter 1 Definitions
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Part 2 Facts; Principles; I

Chapter 2 The Behavior of Bo

Chapter 3 Principles and Anal

Chapter 4 Experimental Meth

Chapter 5 Properties of a Pla
For the L-shaped configuration where a flat interior plate occupies the lower and central region, we refer to Ref. 16.

\[
E_{\text{L}}(16) \quad \frac{E}{t} = \begin{cases} 
\sqrt{\frac{2E}{t}} & \text{if } E > \frac{t^2}{2} \\
0 & \text{if } E < \frac{t^2}{2}
\end{cases}
\]

where \( E \) is the modulus of elasticity and \( t \) is the thickness of the plate.

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