Experimental Machanics : 24 Sept. 2018

NNotes on Strain Analysis

· Stanes towns for mution

- Mohri Circle ...

· Convection factors of Strain Grazer (Tunnsverse Effects)

$$= \sum_{n=1}^{\infty} \frac{1-\nu K_{+}}{1+K_{+}\left(\frac{2+}{E_{n}}\right)}$$

$$= \sum_{n=1}^{\infty} \frac{1-\nu K_{+}}{1+K_{+}\left(\frac{2+\nu K_{+}}{1+K_$$

Must be a known ratio

-> Correction Factor (Sa)  $S_g = \frac{LR/R}{5}$ ;  $S_h^* = S_h\left(\frac{1}{c.F}\right)$ ; C. F is provided countin factor

$$\mathcal{E}_{xx} = \frac{1}{1 - \nu K_{+}} \left( \mathcal{E}_{xx} + K_{+} \mathcal{E}_{yy} \right) \\
\mathcal{E}_{yy} = \frac{1}{1 - \nu K_{+}} \left( \mathcal{E}_{yy} + K_{+} \mathcal{E}_{xx} \right) \\
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- Option Measurements of Storia

-> Topics: When theory of hight -> Were Equation -> Superposition -> Polarization ...