SX: SuidV + STi SuidS = STij SeijdV problema significate: Material Isotropo 2 xg yz Q x x xq x²

Notes que debe ses u (2=0)y=0 U = Voo + 2 Voi + y Vii + x loz + xy Vizty Vz = Voo + y V 11 + y 2 V 22 = 0 > V00 = 0 · U11 = 0 $N\left(x_{i}=0,y\right)=0$ N= Voo + 2 Voi + = 0 Luego, dises:

u=(u) [x x² xy 0 0 0] | Uiz|

u=(v)=[0 0 0 x x² xy] | Voi |

Voz |

Viz |

8 = N 80

eij= { (dui + dui) Lo escribires vectorial nete: $\begin{pmatrix}
e_{11} \\
e_{22}
\end{pmatrix} = \begin{pmatrix}
\partial_{11} \\
\partial_{22}
\end{pmatrix} = \begin{pmatrix}
\partial_{11} \\
\partial_{12}
\end{pmatrix}$ + In Lx x xy | (Vor Viz 1129969: Para un material isótropo

Tij = $\lambda e_{dd} \delta ij + 26eij$ En estab plao de tenses: Trx = $\frac{E}{1-82} (exx + 3eyy)$ Tyy = $\frac{E}{1-82} (eyy + 3exx)$ Try= Exy Lugo; Resensticislete: (G_{xx}) = E (G_{xx}) = (G_{xx}) = BU = SE=BSU Tlxy) $\underline{G} = \begin{pmatrix} G_{XX} \\ G_{YY} \end{pmatrix} = \underline{G} \underbrace{g}$ Vij Seij= Ju Sen + Jiz Serz+ Jzz Sezz+ Just= = 0.8E R Nobs el 2!

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HISizel KIV Sux X dV = Set I dV SUT NT X JV = SUT BT Ce JV = = SUT BTC B U dV 80,0 sale de l'ago régal: SUT JUTX JV-SUT BTCB JV U BECB JV U = SITX JV