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FEM Discretization Of 2D Elasticity  $\int_V \mathbf{e}^T \mathbf{K} \mathbf{e} dV$  Element Stiffness Matrix For Element 'e' Element Nodal Load Vector  $\mathbf{e} = \int_V \mathbf{T} \mathbf{X} dV + \int_S \mathbf{N} \mathbf{T} dS$  Due To Body Force Due To Surface Traction  $\mathbf{T} \mathbf{e} \mathbf{e}$  For A 2D Element, The Size Of The  $\mathbf{K}$  Matrix Is  $2 \times$  Number Of Nodes Of The Element Jan 4th, 2023 MCE/SE/101

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Published By: ELASTICITY Questions On Elasticity, Paper 2 (MHT-CET 2005) (a)  $\pi R L MgL$ . 2 (b)  $\pi R L MgL$ . 2 (c)  $Mg l \pi$ . 2.  $R L$  (d) All Of These . Answer: (a) 4. Young's Modulus Of A Wire Is  $Y$ , Strain Energy Per Unit Volume Is  $E$  Then Its Strain Is Given By (MHT-CET 2006) (a)  $2E Y$  (b)  $Y 2E$  (c)  $Y E$  (d)  $2E Y$  . Answer: (c) 5. The Force Constant Of A Wire Feb 2th, 2023

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As price increases, quantity demanded decreases, and as price decreases, quantity demanded increases. That is, the fact that  $\eta$  is negative tells us price  $P$  and quantity demanded  $Q$  move in opposite directions! Feb 5th, 2023.

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