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AN INTRODUCTION TO THE FINITE ELEMENT METHOD Solution to Problem 12.5: The boundary conditions on the primary variables are $w_3 = w_6 = w_9 = 0$, $\theta_{y1} = \theta_{y2} = \theta_{y3} = 0$, $\theta_{x7} = \theta_{y8} = \theta_{y9} = 0$ The tangential moment $M_{r\theta} = 0$ can be prescribed only as a multipoint constraint (between M_n and M_s). The specified forces in SDT are $F_1 =$

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Finite element method - Wikipedia

- The term finite element was first coined by clough in 1960. In the early 1960s, engineers used the method for approximate solutions of problems in stress analysis, fluid flow, heat transfer, and other areas. - The first book on the FEM by Zienkiewicz and Chung was published in 1967.

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