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NN = Number of Nodes; NE =
Number of Elements; NM =

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NDIM = Number of Coordinates
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3 for 3-D): NEN = Number of Nodes
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3-noded triangular element, or =
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J. N. Reddy, An Introduction to
Nonlinear Finite Element Analysis,
Oxford University Press, Oxford,
UK, 2004. The computer problems
FEM1D and FEM2D can be readily
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field problems. The programs can be easily extended to finite element models formulated in an advanced course and/or in research.

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, $I_2 = 4.0 \times 10^4 \text{ mm}^4$ NE = 3, NL

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method for approximate solutions
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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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