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TEXTBOOK OF FINITE ELEMENT ANALYSIS

The Finite Element Method: Its Basis and Fundamentals Sixth edition O.C. Zienkiewicz,CBE,FRS UNESCO Professor of Numerical Methods in Engineering International Centre for Numerical Methods in Engineering,Barcelona Previously Director of the Institute for Numerical Methods in Engineering University ofWales,Swansea R.L.Taylor J.Z. Zhu

The Finite Element Method: Its Basis and Fundamentals

the Finite Element Method, Third Edition, McGraw—Hill, New York, 2006. Computer solutions to certain problems of Chapter 8 (see Chapter 13 problems) are also included at the end of Chapter 8. The instructor should make an effort to review the problems before assigning them.

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unity method (PUM). It extends the classical finite element method by enriching the solution space for solutions to differential equations with discontinuous functions.

Finite element method - Wikipedia

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