

ME280B - Finite Element Methods in Non-linear Continua

SELECTED BIBLIOGRAPHY

I. General references

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- [4] V. Girault and P.-A. Raviart. *Finite Element Methods for Navier-Stokes Equations: Theory and Algorithms*. Springer-Verlag, Berlin, 1986. [QA929.G771]
- [5] R. Glowinski and P. Le Tallec. *Augmented Lagrangian and Operator-Splitting Methods in Non-linear Mechanics*, volume 8. SIAM, Philadelphia, 1989. [QA808.2.G56]
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- [7] J.T. Oden and G.F. Carey. *Finite Elements: Special Problems in Solid Mechanics*, volume V. Prentice-Hall, Englewood Cliffs, 1984. [TA347.F5.B4]
- [8] A. Zenisek. *Nonlinear Elliptic and Evolution Problems and Their Finite Element Approximation*. Academic Press, London, 1990. [QC20.7.F56.Z4]
- [9] O.C. Zienkiewicz and R.L. Taylor. *The Finite Element Method*, volumes 1-3. Butterworth-Heinemann, Oxford, 6th edition, 2005. [TA640.2.Z5] (also accessible electronically).

II. References of historical interest

- [1] J.H. Argyris and S. Kelsey. *Energy Theorems and Structural Analysis*. Butterworths, London, 1960. Reprinted from a series of articles in *Aircraft Engr.*, 1954-55. [TL570.A7]
- [2] J.T. Oden. *Finite Elements of Nonlinear Continua*. McGraw-Hill, New York, 1971. [QA808.2.0331] (R)

Note: (R) indicates that the book is on one-day reserve in the Engineering Library.