



## Finite Element Method: Volume 2, Fifth Edition

By O. C. Zienkiewicz, R. L. Taylor

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Volume 1 of the Finite Element Method provides a complete introduction to the method and is essential reading for undergraduates, postgraduates and professional engineers. Volume 3 covers the whole range of fluid dynamics and is ideal reading for postgraduate students and professional engineers working in this discipline.

Coverage of the concepts necessary to model behaviour, such as viscoelasticity, plasticity and creep, as well as shells and plates. Up-to-date coverage of new linked interpolation methods for shell and plate formations. New material on non-linear geometry, stability and buckling of structures and large deformations.

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"...a very good book...presentation is first class...will be of great assistance to all engineers and scientists interested in the method...a very commendable piece of work." Journal of the British Society for Strain Measurement.

### **From the Publisher**

Volume 1 of the Finite Element Method provides a complete introduction to the method and is essential reading for undergraduates, postgraduates and professional engineers. Volume 3 covers the whole range of fluid dynamics and is ideal reading for postgraduate students and professional engineers working in this discipline.

### **About the Author**

UNESCO Professor of Numerical Methods in Engineering, International Centre for Numerical Methods in Engineering, Barcelona, Spain. Previously Director of the Institute of Numerical Methods in Engineering, University of Wales, Swansea.

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