



# Nonlinear Analysis in Soil Mechanics: Theory and Implementation (Developments in Geotechnical Engineering)

By *W.F. Chen, E. Mizuno*

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With the present state of development of finite element computer software and high-speed digital computer hardware, an almost unlimited number of solutions to soil mechanics and soil structure interaction problems can now be obtained. These are not limited to linear elastic small deformation solid mechanics, but can be extended to include problems of various kinds involving material and geometric nonlinearities. This book is concerned with the development of numerical tools for solutions of nonlinear analysis problems in soil mechanics.

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## **Editorial Review**

### **Review**

This is an excellent reference book for anyone who is engaged in the numerical analysis of geotechnical problems and the characterization of geotechnical materials from laboratory tests... Overall, the book is very clearly written and provides the kind of detail, examples and illustrations that will make the book a very useful reference.

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