

1. Record Nr.	UNINA9911018838803321
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Titolo	Numerical analysis with applications in mechanics and engineering / / Petre Teodorescu, Nicolae-Doru Stanescu, Nicolae Pandrea
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons Inc., 2013
ISBN	1-118-61462-3 1-299-47574-4 1-118-61463-1
Descrizione fisica	1 online resource (647 p.)
Altri autori (Persone)	StanescuNicolae-Doru PandreaNicolae
Disciplina	620.001/518
Soggetti	Numerical analysis Engineering mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
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Sommario/riassunto

A much-needed guide on how to use numerical methods to solve practical engineering problems Bridging the gap between mathematics and engineering, Numerical Analysis with Applications in Mechanics and Engineering arms readers with powerful tools for solving real-world problems in mechanics, physics, and civil and mechanical engineering. Unlike most books on numerical analysis, this outstanding work links theory and application, explains the mathematics in simple engineering terms, and clearly demonstrates how to use numerical methods to obtain solutions and interpret results
