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| 1. Record Nr. | UNINA990000796670403321 |
| Autore | Monnier, Marc <1827-1885> |
| Titolo | Pompéi et les pompéiens / par Marc Monnier |
| Pubbl/distr/stampa | Napoli, : Detken et Rocholl, 1868 |
| Descrizione fisica | 280 p., [24] c. di tav. : ill. ; 19 cm |
| Disciplina | 937.7 |
| Locazione | FARBC |
| Collocazione | RARI A 73 |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
-
- | | |
|-------------------------|---|
| 2. Record Nr. | UNINA9911018838803321 |
| Autore | Teodorescu P. P |
| 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
