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Titolo	Practical finite element modeling in earth science using Matlab // Guy Simpson
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ISBN	1-119-24864-7
Descrizione fisica	1 online resource (269 pages) : illustrations (some color)
Disciplina	550.1/51825
Soggetti	Finite element method - Data processing Earth sciences - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Beginning with the finite element method -- Programming the finite element method in Matlab -- Numerical integration and local coordinates -- The finite element method in two dimensions -- The finite element method in three dimensions -- Generalization of finite element concepts -- Heat transfer -- Landscape evolution -- Fluid flow in porous media -- Lithospheric flexure -- Deformation of earth's crust -- Going further.