1. Record Nr. UNINA9910457264203321

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| Autore | Allmendinger Richard Waldron |
| Titolo | Structural geology algorithms : vectors and tensors / / Richard W. Allmendinger, Nestor Cardozo, Donald M. Fisher [[electronic resource]] |
| Pubbl/distr/stampa | Cambridge : , : Cambridge University Press, , 2011 |
| ISBN | 1-139-20732-6<br>1-107-22900-6<br>1-280-56851-8<br>1-139-20740-7<br>9786613598110<br>0-511-92020-2<br>1-139-20737-7<br>1-139-20735-0<br>1-139-20741-5<br>1-139-20739-3 |
| Descrizione fisica | 1 online resource (xi, 289 pages) : digital, PDF file(s) |
| Disciplina | 551.801/5181 |
| Soggetti | Geology, Structural - Mathematics<br>Rock deformation - Mathematical models |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from publisher's bibliographic system (viewed on 05 Oct 2015). |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Machine generated contents note: Preface; 1. Problem solving in structural geology; 2. Coordinate systems, scalars and vectors; 3. Transformations of coordinate axes and vectors; 4. Matrix operations and indicial notation; 5. Tensors; 6. Stress; 7. Introduction to deformation; 8. Infinitesimal strain; 9. Finite strain; 10. Progressive strain histories and kinematics; 11. Velocity description of deformation; 12. Error analysis; References; Index. |
| Sommario/riassunto | State-of-the-art analysis of geological structures has become increasingly quantitative but traditionally, graphical methods are used in teaching. This innovative lab book provides a unified methodology for problem-solving in structural geology using linear algebra and computation. Assuming only limited mathematical training, the book |

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| | begins with classic orientation problems and progresses to more fundamental topics of stress, strain and error propagation. It introduces linear algebra methods as the foundation for understanding vectors and tensors, and demonstrates the application of geometry and kinematics in geoscience without requiring students to take a supplementary mathematics course. All algorithms are illustrated with a suite of online MATLAB functions, allowing users to modify the code to solve their own structural problems. Containing 20 worked examples and over 60 exercises, this is the ideal lab book for advanced undergraduates or beginning graduate students. It will also provide professional structural geologists with a valuable reference and refresher for calculations. |

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| Record Nr. | UNICASMIL0688177 |
| Autore | Ennodius, Magnus Felix |
| Titolo | Appunti su una poetica tardoantica: Ennodio, carm. 1,7-8=26-27V : introduzione, traduzione e commento / [a cura di] Gianluca Vandone |
| Pubbl/distr/stampa | Pisa, : ETS, 2004 |
| ISBN | 8846710665 |
| Descrizione fisica | 171 p. ; 24 cm |
| Collana | Pubblicazioni della Facoltà di lettere e filosofia dell'Università di Pavia ; 110 |
| Lingua di pubblicazione | Italiano<br>Latino |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Testo orig. a fronte. |