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| 1. Record Nr. | UNINA990009907660403321 |
| Titolo | Advances in 40Ar/39Ar dating : from archaeology to planetary sciences / edited by F. Jourdan, D. F. Mark and C. Verati |
| Pubbl/distr/stampa | London : The Geological Society, 2014 |
| ISBN | 9781862393608 |
| Descrizione fisica | 378 p. : ill. ; 25 cm |
| Collana | Geological Society special publication ; 0378 |
| Locazione | GM1 |
| Collocazione | GM1K I 37 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910720070303321 |
| Autore | Blanc Xavier |
| Titolo | Homogenization Theory for Multiscale Problems : An introduction // by Xavier Blanc, Claude Le Bris |
| Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023 |
| ISBN | 9783031218330
9783031218323 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (469 pages) |
| Collana | MS&A, Modeling, Simulation and Applications, , 2037-5263 ; ; 21 |
| Disciplina | 515.353 |
| Soggetti | Mathematics - Data processing
Computational Mathematics and Numerical Analysis |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | 1 In dimension "zero" -- 2 Homogenization in dimension 1 -- 3
Dimension 2: The "simple" cases: abstract or periodic settings -- 4
Dimension 2: Some explicit cases beyond the periodic setting -- 5 |

Numerical Approaches -- 6 Beyond the diffusion equation and miscellaneous topics -- Appendix A: Some basic elements of PDE analysis.

Sommario/riassunto

The book provides a pedagogic and comprehensive introduction to homogenization theory with a special focus on problems set for non-periodic media. The presentation encompasses both deterministic and probabilistic settings. It also mixes the most abstract aspects with some more practical aspects regarding the numerical approaches necessary to simulate such multiscale problems. Based on lecture courses of the authors, the book is suitable for graduate students of mathematics and engineering.
