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| 1. Record Nr.           | UNICAMPANIASUN0093441                                                                                                                                                            |
| Autore                  | Oleinik, Olga A.                                                                                                                                                                 |
| Titolo                  | On homogenization of a boundary value problem in a domain with thin channels of a small length / Olga A. Oleinik, Tatiana A. Shaposhnikova                                       |
| Pubbl/distr/stampa      | 21 cm                                                                                                                                                                            |
| Edizione                | [Roma : Aracne]                                                                                                                                                                  |
| Descrizione fisica      | Estratto da: Quaderni di matematica, n. 7 (2000), p. 289-304.                                                                                                                    |
| Altri autori (Persone)  | Shaposhnikova, Tatyana O.                                                                                                                                                        |
| Soggetti                | Homogenization; equations in media with periodic structure [MSC 2010] 35B27<br>Laplacian operator, reduced wave equation (Helmholtz equation), Poisson equation [MSC 2010] 35J05 |
| Lingua di pubblicazione | Inglese                                                                                                                                                                          |
| Formato                 | Materiale a stampa                                                                                                                                                               |
| Livello bibliografico   | Monografia                                                                                                                                                                       |

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| 2. Record Nr.           | UNINA9910962643403321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Autore                  | Carroll Robert W. <1930-2012>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Titolo                  | On the emergence theme of physics // Robert Carroll                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pubbl/distr/stampa      | Hackensack, N.J., : World Scientific, c2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ISBN                    | 9786612761928<br>9781282761926<br>1282761927<br>9789814291804<br>9814291803                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Edizione                | [1st ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Descrizione fisica      | 1 online resource (288 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Disciplina              | 530.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Soggetti                | Quantum theory<br>General relativity (Physics)<br>Emergence (Philosophy)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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 and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Nota di contenuto       | Contents; Preface; Chapter 1. SOME QUANTUM BACKGROUND; Chapter 2. SOME GEOMETRIC ASPECTS; Chapter 3. ASPECTS OF EMERGENCE; Chapter 4. KALUZA-KLEIN AND COSMOLOGY; Chapter 5. REMARKS ON THERMODYNAMICS AND GRAVITY; Chapter 6. GEOMETRY AND MECHANICS; Chapter 7. ON TIME AND THE UNIVERSE; Chapter 8. GRAVITY AND THE QUANTUM POTENTIAL; Bibliography; Index                                                                                                                                                         |
| Sommario/riassunto      | The book surveys mathematical relations between classical and quantum mechanics, gravity, time and thermodynamics from various points of view and many sources (with appropriate attribution). The emergence theme is developed with an emphasis on the meaning via mathematics. A background theme of Bohemian mechanics and connections to the quantum equivalence principle of Matone et al. is also developed in great detail. Some original work relating the quantum potential and Ricci flow is also included. |