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| 1. Record Nr. | UNIORUON00385648 |
| Autore | ŠERBINSKIJ, Boris Nikandrovi |
| Titolo | Post-scriptum : Récit / B. N. Belaeff-Sherbinsky ; Traduit du russe par G. Welter |
| Pubbl/distr/stampa | Paris, : Editions du Pavois, 1946. - |
| Disciplina | 891.704 |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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- | | |
|-------------------------|---|
| 2. Record Nr. | UNINA9911020226803321 |
| Autore | Munjiza Ante |
| Titolo | The combined finite-discrete element method / / Ante Munjiza |
| Pubbl/distr/stampa | Hoboken, NJ, : Wiley, c2004 |
| ISBN | 9786610274857
9781280274855
1280274859
9780470020173
0470020172
9780470020180
0470020180
9780470020172 |
| Descrizione fisica | 1 online resource (x, 333 pages) |
| Disciplina | 620.1/123/015118 |
| Soggetti | Deformations (Mechanics) - Mathematical models
Finite element method |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references (pages 319-330) and index. |
| Nota di contenuto | Processing of contact interaction in the combined finite discrete |

element method -- Contact detection -- Deformability of discrete elements -- Temporal discretisation -- Sensitivity to initial conditions in combined finite-discrete element simulations -- Transition from continua to discontinua -- Fluid coupling in the combined finite-discrete element method -- Computational aspects of combined finite-discrete element simulations -- Implementation of some of the core combined finite-discrete element algorithms.

Sommario/riassunto

The combined finite discrete element method is a relatively new computational tool aimed at problems involving static and / or dynamic behaviour of systems involving a large number of solid deformable bodies. Such problems include fragmentation using explosives (e.g rock blasting), impacts, demolition (collapsing buildings), blast loads, digging and loading processes, and powder technology. The combined finite-discrete element method - a natural extension of both discrete and finite element methods - allows researchers to model problems involving the deformability of either one solid body,
