

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9911019727703321                                                                                                                                                                                                                                                                                                                                                                      |
| Titolo                  | Mechanics of solid interfaces / / edited by Muriel Braccini, Michel Dupeux                                                                                                                                                                                                                                                                                                                 |
| Pubbl/distr/stampa      | London, : ISTE<br>Hoboken, N.J., : Wiley, 2012                                                                                                                                                                                                                                                                                                                                             |
| ISBN                    | 9781118561669<br>111856166X<br>9781118588185<br>1118588185<br>9781299187108<br>1299187102<br>9781118588208<br>1118588207                                                                                                                                                                                                                                                                   |
| Edizione                | [1st edition]                                                                                                                                                                                                                                                                                                                                                                              |
| Descrizione fisica      | 1 online resource (315 p.)                                                                                                                                                                                                                                                                                                                                                                 |
| Collana                 | ISTE                                                                                                                                                                                                                                                                                                                                                                                       |
| Altri autori (Persone)  | BracciniMuriel<br>DupeuxMichel                                                                                                                                                                                                                                                                                                                                                             |
| Disciplina              | 530.4/17                                                                                                                                                                                                                                                                                                                                                                                   |
| Soggetti                | Interfaces (Physical sciences)<br>Fracture mechanics<br>Solids                                                                                                                                                                                                                                                                                                                             |
| 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       | pt. 1. Fundamentals -- pt. 2. Singularities, notches and interfacial cracks -- pt. 3. Practical applications -- pt. 4. Thin films.                                                                                                                                                                                                                                                         |
| Sommario/riassunto      | "This book introduces basic concepts on mechanical problems related to the presence of solid/solid interfaces and their practical applications. The various topics discussed here are mechanical characterization of interface, initiation and growth of crack along interface, the origin and the control of interface adhesion and a special focus on thin films on substrate systems"-- |