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| 1. Record Nr.           | UNINA9910454503103321                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Autore                  | Gerschel Alain                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Titolo                  | Liaisons intermoleculaires [[electronic resource] ] : les forces en jeu dans la matiere condensee / / Alain Gerschel                                                                                                                                                                                                                                                                                                                                                             |
| Pubbl/distr/stampa      | Paris, : InterEditions, 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ISBN                    | 1-281-80064-3<br>9786611800642<br>2-7598-0278-7                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Descrizione fisica      | 1 online resource (286 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Collana                 | Savoirs actuels                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Disciplina              | 541.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Soggetti                | Condensed matter<br>Intermolecular forces<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lingua di pubblicazione | Francese                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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       | Table des matières; Avant-propos; 1 Liaisons physiques. Etats denses de la matiere; 2 Forces de repulsion. Structures compactes. Mesophases et phases heterogenes; 3 Forces coulombiennes. Solvation ionique; 4 Polarisation et interactions entre moments moléculaires; 5 Forces de dispersion. Liquides moléculaires; Annexe; 6 Modélisation par simulation numérique des états condensés; 7 Liaisons dans l'eau. Fluctuations. Hydratation; Crédits des illustrations; Index; |
| Sommario/riassunto      | This work addresses the characteristic properties of solid and liquid states applicable when studying intermolecular forces that are responsible for cohesion and that organize the dynamic components in the condensed phases. The title addresses how the forces relate to each other and the various techniques of modeling used to explain the exceptional properties of water.                                                                                              |