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Autore	Gerschel Alain
Titolo	Liaisons intermoleculaires : les forces en jeu dans la matiere condensee // Alain Gerschel
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (286 p.)
Collana	Savoirs actuels
Disciplina	541.22
Soggetti	Condensed matter Intermolecular forces
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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 matieres; 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 moleculaires; 5 Forces de dispersion. Liquides moleculaires; Annexe; 6 Modelisation par simulation numerique des etats condenses; 7 Liaisons dans l'eau. Fluctuations. Hydratation; Credits 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.