

1. Record Nr.	UNINA9910877786403321
Titolo	Computer Simulation of Materials at Atomic Level
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH Imprint, 2000
ISBN	1-280-55955-1 9786610559558 3-527-60310-7
Descrizione fisica	1 online resource (715 pages)
Disciplina	620.1/1299
Soggetti	Materials - Computer simulation Atomic structure - Computer simulation Materials Science Chemical & Materials Engineering Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Combining theory and applications, this book deals with the modelling of materials properties and phenomena at atomic level.; The first part provides an overview of the state of the art of computational solid state physics. Emphasis is given to the understanding of approximations and their consequences regarding the accuracy of the results. This part of the book also serves as a guide to find the best method for a given purpose.