1.
Record Nr.	UNINA990000656080403321
Autore	Reviglio, Giuseppe
Titolo	I linguaggi degli elaboratori elettronici / Giuseppe Reviglio
Pubbl/distr/stampa	Torino : Boringhieri, 1964
Descrizione fisica	137 p. : ill. ; 21 cm
Collana	Serie di ricerca operativa ; 2
Disciplina	510.78
	001
Locazione	DINST
	ECA
	MAS
	FI1
Collocazione	01 MOD 9
	8-3-28-TI
	MXXI-A-72
	8B-025
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA990005287720403321

Autore Karl <imperatore ; 5.>

Titolo Correspondenz des Kaisers Karl 5. : aus dem königlichen Archiv und der Bibliothèque de Borgougne zu Brüssell mitgetheilt von Karl Lanz / mitgetheilt von Karl Lanz

Pubbl/distr/stampa Frankfurt : Minerva, 1966

Edizione [Unveränderter Nachdruck]

Descrizione fisica 3 v., c. rip. ; 23 cm

Disciplina 943.031092

Locazione FLFBC

Collocazione 943.03 KAR 1 (1-3)

Lingua di pubblicazione Tedesco

Formato Materiale a stampa

Livello bibliografico Monografia

3.	Record Nr.	UNINA9910298580803321
	Autore	Ohno Kaoru
	Titolo	Computational Materials Science : From Ab Initio to Monte Carlo Methods / / by Kaoru Ohno, Keivan Esfarjani, Yoshiyuki Kawazoe
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2018
	ISBN	3-662-56542-0
	Edizione	[2nd ed. 2018.]
	Descrizione fisica	1 online resource (XII, 427 p.)
	Disciplina	620.11011
	Soggetti	Optical materials
		Electronics - Materials
		Physics
		Chemistry, Physical and theoretical
		Nanotechnology
		Solid state physics
		Optical and Electronic Materials
		Numerical and Computational Physics, Simulation
		Theoretical and Computational Chemistry
		Solid State Physics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Ab-Initio Methods -- Tight-Binding Methods -- Empirical Methods and Coarse-Graining -- Monte Carlo Methods -- Quantum Monte Carlo (QMC) Methods.
	Sommario/riassunto	This textbook introduces modern techniques based on computer simulation to study materials science. It starts from first principles calculations enabling to calculate the physical and chemical properties by solving a many-body Schroedinger equation with Coulomb forces. For the exchange-correlation term, the local density approximation is usually applied. After the introduction of the first principles treatment, tight-binding and classical potential methods are briefly introduced to indicate how one can increase the number of atoms in the system. In the second half of the book, Monte Carlo simulation is discussed in detail. Problems and solutions are provided to facilitate understanding.

Readers will gain sufficient knowledge to begin theoretical studies in modern materials research. This second edition includes a lot of recent theoretical techniques in materials research. With the computers power now available, it is possible to use these numerical techniques to study various physical and chemical properties of complex materials from first principles. The new edition also covers empirical methods, such as tight-binding and molecular dynamics. .