

1. Record Nr.	UNINA9910461510703321
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Titolo	Quantum mechanics with applications [[electronic resource] /] / by Iraj R. Afnan
Pubbl/distr/stampa	[Saif Zone, Sharjah, United Arab Emirates], : Bentham Science Publishers Ltd., [2011]
ISBN	1-60805-250-8
Descrizione fisica	1 online resource (359 p.)
Disciplina	530.123
Soggetti	Quantum theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Energy bands in a one dimensional solid."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	03 eBooks End User License Agreement-Website; 04 Dedication; 05 Content; 06 Forword; 07 Preface; 08 Chatper 01; 09 Chapter 02; 10 Chapter 03; 11 Chapter 04; 12 Chapter 05; 13 Chapter 06; 14 Chapter 07; 15 Chapter 08; 16 Chapter 09; 17 Chapter 10; 18 Chapter 11; 19 Chapter 12; 20 Chapter 13; 21 Chapter 14; 22 Appendix A; 23 Appendix B; 24 Appendix C; 25 References; 26 Index
Sommario/riassunto	The ebook introduces undergraduate students to the basic skills required to use non-relativistic quantum mechanics for bound and scattering problems in atomic, molecular and nuclear physics. Initial emphasis is on problems that admit analytic solutions. These results are then used in conjunction with symmetry to develop approximation methods for both bound and scattering problems. The text concentrates on the application of computational problems to introduce the basic concepts of quantum mechanics. These are then used to study more complex problems that can be reduced to one-body problems.