

1. Record Nr.	UNINA9910341231903321
Autore	Lau, Antonie
Titolo	Aus Lindenau's Kunstbibliothek : Zeichnungen von Alexius Geyer und Eduard Ratti nach antiken Vasen : Emil Braun zum 200. Geburtstag / Antonie Lau
Pubbl/distr/stampa	Altenburg : Lindenau-Museum, 2010
ISBN	9783861040778
Descrizione fisica	78 p. : ill. ; 30 cm
Collana	Bernhard von Lindenau als Gelehrter, Staatsmann, Menschenfreund und Förderer der schönen Künste
Disciplina	738.3820938
Locazione	FLFBC
Collocazione	738.382 MOSTRE LINDENAU 2010
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNISALENTO991000897579707536
Autore	Robert, Paul
Titolo	Dizionario italiano-francese francese-italiano / P. Robert, C. Signorelli
Pubbl/distr/stampa	Milano : Signorelli, 1988
Descrizione fisica	2 v. (1305, 3002 p.) ; 25 cm.
Classificazione	4(038) 440
Altri autori (Persone)	Signorelli, C.
Soggetti	Lingua francese-Dizionari
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
3. Record Nr.	UNINA9910736976203321
Autore	Das Tapan Kumar
Titolo	Hyperspherical Harmonics Expansion Techniques [[electronic resource]] : Application to Problems in Physics / / by Tapan Kumar Das
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2016
ISBN	81-322-2361-6
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (170 p.)
Collana	Theoretical and Mathematical Physics, , 1864-5879
Disciplina	530.150285
Soggetti	Physics Nuclear physics Heavy ions Mathematical physics Numerical and Computational Physics, Simulation Nuclear Physics, Heavy Ions, Hadrons Mathematical Methods in Physics Mathematical Physics
Lingua di pubblicazione	Inglese
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	Introduction -- Systems of One or More Particles -- Three-body System -- General Many-body Systems.- The Trinucleon System -- Application to Coulomb Systems -- Potential Harmonics -- Application to Bose-Einstein Condensates -- Integro-differential Equation -- Computational Techniques.
Sommario/riassunto	<p>The book provides a generalized theoretical technique for solving the fewbody Schrödinger equation. Straight forward approaches to solve it in terms of position vectors of constituent particles and using standard mathematical techniques become too cumbersome and inconvenient when the system contains more than two particles. The introduction of Jacobi vectors, hyperspherical variables and hyperspherical harmonics as an expansion basis is an elegant way to tackle systematically the problem of an increasing number of interacting particles. Analytic expressions for hyperspherical harmonics, appropriate symmetrisation of the wave function under exchange of identical particles and calculation of matrix elements of the interaction have been presented. Applications of this technique to various problems of physics have been discussed. In spite of straight forward generalization of the mathematical tools for increasing number of particles, the method becomes computationally difficult for more than a few particles. Hence various approximation methods have also been discussed. Chapters on the potential harmonics and its application to Bose-Einstein condensates (BEC) have been included to tackle dilute system of a large number of particles. A chapter on special numerical algorithms has also been provided. This monograph is a reference material for theoretical research in the few-body problems for research workers starting from advanced graduate level students to senior scientists.</p>