

1. Record Nr.	UNINA9910640382003321
Autore	Czycholl Gerd
Titolo	Solid state theory . Volume 1 : basics : phonons and electrons in crystals // Gerd Czycholl
Pubbl/distr/stampa	Berlin : , : Springer, , [2023] ©2023
ISBN	3-662-66135-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (407 pages)
Disciplina	530.41
Soggetti	Solid state physics Solid state physics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Periodic structures -- Separation of lattice and electron dynamics -- Lattice vibrations (phonons) -- Non-interacting electrons in the solid -- Electron-electron interaction -- Electron-phonon interaction -- A Solutions to the exercises.
Sommario/riassunto	The textbooks "Solid State Theory" give an introduction to the methods, contents and results of modern solid state physics in two volumes. This first volume has the basic courses in theoretical physics as prerequisites, i.e. knowledge of classical mechanics, electrodynamics and, in particular, quantum mechanics and statistical physics is assumed. The formalism of second quantization (occupation number representation), which is needed for the treatment of many-body effects, is introduced and used in the book. The content of the first volume deals with the classical areas of solid state physics (phonons and electrons in the periodic potential, Bloch theorem, Hartree-Fock approximation, density functional theory, electron-phonon interaction). The first volume is already suitable for Bachelor students who want to go beyond the basic courses in theoretical physics and get already familiar with an application area of theoretical physics, e.g. for an elective subject "Theoretical (Solid State) Physics" or as a basis for a Bachelor thesis. Every solid-state physicist working experimentally should also be familiar with the theoretical methods covered in the first

volume. The content of the first volume can therefore also be the basis for a module "Solid State Physics" in the Master program in Physics or, together with the content of the 2nd volume, for a module "Theoretical Solid State Physics" or "Advanced Theoretical Physics". The following second volume covers application areas such as superconductivity and magnetism to areas that are current research topics (e.g. quantum Hall effect, high-temperature superconductivity, low-dimensional structures). The author Gerd Czycholl, born 1951 in Cologne, studied physics in Cologne, diploma in 1974, doctorate in 1977 at the University of Cologne, then postdoc (research assistant) at the University of Dortmund and 1983-84 at Stanford University, habilitation in 1985 at the University of Dortmund, then temporary professorships in Dortmund and 1987-1990 at RWTH Aachen. Since 1991 Professor of Theoretical Physics at the University of Bremen.

2. Record Nr.	UNINA9910966427203321
Autore	Taylor P. A (Paul Anthony), <1950->
Titolo	Consolidated financial reporting // by P.A. Taylor
Pubbl/distr/stampa	London, : Paul Chapman Pub. Ltd., c1996
ISBN	9786612267901 9781446280355 1446280357 9781282267909 1282267906 9781849207096 1849207097
Edizione	[[2nd ed.].]
Descrizione fisica	1 online resource (ix, 372 p.)
Collana	Accounting and Finance series
Altri autori (Persone)	TaylorP. A <1950-> (Paul Anthony)
Disciplina	657.3
Soggetti	Financial statements, Consolidated Business records
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Rev. ed. of: Consolidated financial statements : concepts, issues and techniques. 1987.
Nota di bibliografia	Includes bibliographical references (p. [359]-365) and index.

## Nota di contenuto

Cover; CONTENTS; SERIES EDITOR'S PREFACE; PREFACE; ACKNOWLEDGEMENTS; Part A: Fundamentals of Group Accounting; 1 - INTRODUCTION; 2 - THE NATURE OF GROUP FINANCIAL STATEMENTS; 3 - BUSINESS COMBINATIONS : CHANGES IN GROUP COMPOSITION; Part B :Consolidating the MajorFinancial Statements; 4 - CONSOLIDATED BALANCE SHEETS UNDER ACQUISITION ACCOUNTING; 5 - FAIR VALUES AND GOODWILL: ALIGNMENT ADJUSTMENTS (1); 6 - INTRA-GROUP TRANSACTIONS AND DISTRIBUTIONS : ALIGNMENT ADJUSTMENTS (2); 7 - CONSOLIDATED PROFIT AND LOSS REPORTING FINANCIAL PERFORMANCE (1); 8 - REPORTING FINANCIAL PERFORMANCE (2) 9 - CONSOLIDATED CASH FLOW STATEMENTSPart C:Other Issues in Group Accounting; 10 - OTHER GROUP RELATIONSHIPS; 11 - FOREIGN CURRENCY TRANSLATION; 12 - SEGMENTAL REPORTING/ UNRESOLVED ISSUES IN CONSOLIDATION; APPENDIX - ABBREVIATED SOLUTION NOTES; BIBLIOGRAPHY; AUTHOR INDEX; GENERAL INDEX

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## Sommario/riassunto

This book introduces and examines what is currently the most central and controversial area in financial reporting. It is designed so that readers with particular interests can easily find their way through clearly marked sections.

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