

Download Introduction To Phonons And Electrons

This book focuses on phonons and electrons, which the student needs to learn first in solid state physics. The required quantum theory and statistical physics are derived from scratch. Systematic in structure and tutorial in style, the treatment is filled with detailed mathematical steps and Examples are the transition from lattice vibrations to phonons and from free electrons to energy bands. The book can be used as the beginning module of a one-year introductory course on solid state physics, and the instructor will have a chance to choose additional topics. Alternatively, it can be taught as a stand-alone text for building the most-needed foundation in just one semester. INTRODUCTION TO PHONONS AND ELECTRONS Copyright © 2003 by World Scientific Publishing Co. Pte. Ltd. All rights reserved. This book, or parts thereof, may not be reproduced in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system now known or to be invented, without written permission from the Publisher. Bücher (Fremdsprachig) Wählen Sie die Abteilung aus, in der Sie suchen möchten., Introduction To Phonons And Electrons.

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