

L. Landau and A. Kitaigorodsky

PHYSICS FOR EVERYONE

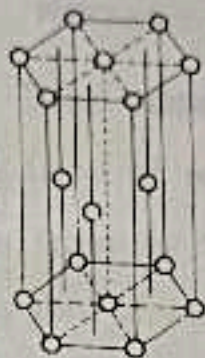
Motion
Heat



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PREFACE

The first question which the reader, taking this book in his hands, asks himself is: for whom is this book "for everyone"?

Of course, there is some exaggeration in the title. An acquaintance with the fundamentals of high school algebra is sufficient for the reader of this book. No knowledge of physics is needed: it can be your first book on physics. It is possible, however, that the book will also turn out to be interesting for those who have chosen physics as their specialty.

We have tried to write this book in a light and simple style, not denying ourselves the pleasure of an occasional joke with the reader. But this does not in any way mean that our *Physics for Everyone* is an easy book. Many of its pages must be read attentively for a long time; in order to understand physics, one must very often think hard and tensely.

The book's main concern is the fundamental laws and concepts of physics. However, we have tried not to forge about illustrations from life and technology, true, not having the aim of dealing in any way with the inexhaustible field of applied physics.

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