

<<弹性理论>>

图书基本信息

书名：<<弹性理论>>

13位ISBN编号：9787506242615

10位ISBN编号：7506242613

出版时间：1999-5

出版时间：世界图书出版公司北京公司

作者：Landau

页数：187

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<弹性理论>>

内容概要

THE major part of this book (Chapters I, II, III and V) is not very different from what was in the first two English editions (1959 and 1970). This is a natural result of the fact that the basic equations and conclusions of elasticity theory have long since been established. . The second edition included a chapter on the theory of dislocations in crystals, written jointly with A.M.Kosevich, which has been only slightly changed in the present edition.

<<弹性理论>>

书籍目录

Prefaces to the English editions .Notation I.FUNDAMENTAL EQUATIONS 1.The strain tensor 2.The stress tensor 3.The thermodynamics of deformation 4.Hooke ' s law 5.Homogeneous deformations 6.Deformations with change of temperature 7.The equations of equilibrium for isotropic bodies 8.Equilibrium of an elastic medium bounded by a plane 9.Solid bodies in contact 10.The elastic properties of crystals .THE EQUILIBRIUM OF RODS AND PLATES 11.The energy of a bent plate 12.The equation of equilibrium for a plate 13.Longitudinal deformations of plates 14.Large deflections of plates 15.Deformations of shells 16.Torsion of rods 17.Bending of rods 18.The energy of a deformed rod 19.The equations of equilibrium, of rods 20.Small deflection of rods 21.The stability of elastic systems .ELASTIC WAVES 22.Elastic waves in an isotropic medium 23.Elastic waves in crystals 24.Surface waves 25.Vibration of rods and Plates 26.Anharmonic vibrations .DISLOCATIONS 27.Elastic deformation in the presence of a dislocation 28.The action of a stress field on a dislocation 29.A continuous distribution of dislocations 30.Distribution of interacting dislocations 31.Equilibrium of a crack in an elastic medium .THERMAL CONDUCTION AND VISCOSITY IN SOLIDS .MECHANICS OF LIQUID CRYSTALSIndex

<<弹性理论>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>