1. Record Nr. UNINA990004919920403321

Autore	Konig, Fritz
Titolo	Georg Bnchners "Danton" / von Fritz König
Pubbl/distr/stampa	Walluf, Nendeln : M. SSndig GmbH, 1977
ISBN	3-500-27120-0
Descrizione fisica	VIII, 85 p., 2 tav. rip. ; 22 cm
Collana	Bausteine zur Geschichte der deutschen Literatur ; 19
Locazione	FLFBC
Collocazione	ALPHA 4533 (19)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910789205903321

Autore	Barber J.R
Titolo	Elasticity [[electronic resource] /] / by J.R. Barber
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 1992
ISBN	94-011-2454-X
Edizione	[1st ed. 1992.]
Descrizione fisica	1 online resource (XV, 301 p.)
Collana	Solid Mechanics and Its Applications, , 0925-0042 ; ; 12
Disciplina	531
Soggetti	Mechanics Mechanical engineering Civil engineering Automotive engineering Classical Mechanics Mechanical Engineering Civil Engineering Automotive Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I General Considerations -- 1 Introduction -- 2 Equilibrium and Compatibility -- II Two-Dimensional Problems -- 3 Plane Strain and Plane Stress -- 4 Stress Function Formulation -- 5 Problems in Rectangular Coördinates -- 6 End Effects -- 7 Body Forces -- 8 Problems in Polar Coördinates -- 9 Calculation of Displacements -- 10 Curved Beam Problems -- 11 Wedge Problems -- 12 Plane Contact Problems -- 13 Forces, Dislocations and Cracks -- 14 Thermoelasticity -- III Three Dimensional Problems -- 15 Displacement Function Solutions -- 16 The Boussinesq Potentials -- 17 Thermoelastic Displacement Potentials -- 18 Singular Solutions -- 19 Spherical Harmonics -- 20 Axisymmetric Problems -- 21 Frictionless Contact -- 22 The Boundary-Value Problem -- 23 The Penny-Shaped Crack -- 24 The Interface Crack -- 25 The Reciprocal Theorem.
Sommario/riassunto	The subject of Elasticity can be approached from several points of view, depending on whether the practitioner is principally interested in the mathematicalstructure of the subject or in its use in engineering applications and in the latter case, whether essentially numerical or analytical methods are envisaged as the solution method. My first introduction to the subject was in response to a need for information about a specific problem in Tribology. As a practising engineer with a background only in elementary Strength of Materials, I approached that problem initially using the con- cepts of concentrated forces and superposition. Today, with a rather more extensive knowledge of analytical techniques in Elasticity, I still find it helpful to go back to these roots in the elementary theory and think through a problem physically as well as mathematically, whenever some new and unexpected feature presents difficulties in research. This way of thinking will be found to permeate this book. My engineering background will also reveal itself in a tendency to work examples through to final expressions for stresses and displacements, rather than leave the derivation at a point where the remaining manipulations would be routine. With the practical engineering reader in mind, I have endeavoured to keep to a minimum any dependence on previous knowledge of Solid Mechanics, Continuum Mechanics or Mathematics.