1. Record Nr. UNINA9910449982303321

Autore	Mace Jane
Titolo	Talking about literacy : principles and practice of adult literacy education / / Jane Mace
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 1992
ISBN	1-134-91963-8 1-280-33832-6 0-203-31440-9 0-203-03251-9
Descrizione fisica	1 online resource (xxi,168p.) : ill
Disciplina	374/.012
Soggetti	Functional literacy - Great Britain Reading (Adult education) - Great Britain Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliography: 158-163. -Includes index.
Nota di bibliografia	Includes bibliographical references (p. 158-163) and index.
Nota di contenuto	Introduction I. Issues 1. Problems of Representation 2. The Truth For Now II. Principles 1. Listening to the Questions 2. The Teacher Researcher 3. Authors and Authority 4. Readers=Writers 5. Vocations and Vocationalism Conclusion Afterword Bibliography
Sommario/riassunto	Explores the theory behind adult literacy education - discussing the arguments in favour of literacy, and analysing principles by which literacy may be creatively learned, looking in detail at context, equality and community.

2. Record Nr. UNINA9910143081903321

Autore	Gilman John J (John Joseph)
Titolo	Chemistry and physics of mechanical hardness [[electronic resource] /] / John J. Gilman
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2009
ISBN	1-282-18824-0 9786612188244 0-470-44683-8 0-470-44682-X
Descrizione fisica	1 online resource (229 p.)
Collana	Wiley series on processing of engineering materials
Classificazione	CHE 380f PHY 202f UQ 8025 WER 720f
Disciplina	620.1/126 620.1126
Soggetti	Hardness Strength of materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Wiley-Interscience publication."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CHEMISTRY AND PHYSICS OF MECHANICAL HARDNESS; TABLE OF CONTENTS; Preface; 1 Introduction; 1.1 Why Hardness Matters (A Short History); 1.2 Purpose of This Book; 1.3 The Nature of Hardness; References; 2 Indentation; 2.1 Introduction; 2.2 The Chin-Gilman Parameter; 2.3 What Does Indentation Hardness Measure?; 2.4 Indentation Size Effect; 2.5 Indentation Size (From Macro to Nano); 2.6 Indentation vs. Scratch Hardness; 2.7 Blunt or Soft Indenters; 2.8 Anisotropy; 2.9 Indenter and Specimen Surfaces; References; 3 Chemical Bonding; 3.1 Forms of Bonding; 3.2 Atoms; 3.3 State Symmetries 3.4 Molecular Bonding (Hydrogen) 3.5 Covalent Bonds; 3.6 Bonding in Solids; 3.6.1 Ionic Bonding; 3.6.2 Metallic Bonding; 3.6.3 Covalent Crystals; 3.7 Electrodynamic Bonding; 3.8 Polarizability; References; 4 Plastic Deformation; 4.1 Introduction; 4.2 Dislocation Movement; 4.3 Importance of Symmetry; 4.4 Local Inelastic Shearing of Atoms; 4.5

Dislocation Multiplication; 4.6 Individual Dislocation Velocities (Microscopic Distances); 4.7 Viscous Drag; 4.7.1 Pure Metals; 4.7.2 Covalent Crystals; 4.8 Deformation-Softening and Elastic Relaxation; 4.9 Macroscopic Plastic Deformation; References
5 Covalent Semiconductors 5.1 Introduction; 5.2 Octahedral Shear Stiffness; 5.3 Chemical Bonds and Dislocation Mobility; 5.4 Behavior of Kinks; 5.5 Effect of Polarity; 5.6 Photoplasticity; 5.7 Surface Environments; 5.8 Effect of Temperature; 5.9 Doping Effects; References; 6 Simple Metals and Alloys; 6.1 Intrinsic Behavior; 6.2 Extrinsic Sources of Plastic Resistance; 6.2.1 Deformation-Hardening; 6.2.2 Impurity Atoms (Alloying); 6.2.3 Precipitates (Clusters, Needles, and Platelets); 6.2.4 Grain-Boundaries; 6.2.5 Surface Films (Such as Oxides); 6.2.6 Magnetic Domain Walls
6.2.7 Ferroelectric Domain-Walls 6.2.8 Twin Boundaries; References; 7 Transition Metals; 7.1 Introduction; 7.2 Rare Earth Metals; References; 8 Intermetallic Compounds; 8.1 Introduction; 8.2 Crystal Structures; 8.2.1 Sigma Phase; 8.2.2 Laves Phases; 8.2.3 Ni(3)Al; 8.3 Calculated Hardness of NiAl; 8.4 Superconducting Intermetallic Compounds; 8.5 Transition Metal Compounds; References; 9 Ionic Crystals; 9.1 Alkali Halides; 9.2 Glide in the NaCl Structure; 9.3 Alkali Halide Alloys; 9.4 Glide in CsCl Structure; 9.5 Effect of Imputities; 9.6 Alkaline Earth Fluorides; 9.7 Alkaline Earth Sulfides
9.8 Photomechanical Effects 9.9 Effects of Applied Electric Fields; 9.10 Magneto-Plasticity; References; 10 Metal-Metalloids (Hard Metals); 10.1 Introduction; 10.2 Carbides; 10.3 Tungsten Carbide; 10.4 Borides; 10.5 Titanium Diboride; 10.6 Rare Metal Diborides; 10.7 Hexaborides; 10.8 Boron Carbide (Carbon Quasi-Hexaboride); 10.9 Nitrides; References; 11 Oxides; 11.1 Introduction; 11.2 Silicates; 11.2.1 Quartz; 11.2.2 Hydrolytic Catalysis; 11.2.3 Talc; 11.3 Cubic Oxides; 11.3.1 Alkaline Earth Oxides; 11.3.2 Perovskites; 11.3.3 Garnets; 11.3.3.1 (Y(3)Al(5)O (12))-YAG
11.4 Hexagonal (Rhombohedral) Oxides

Sommario/riassunto

A comprehensive treatment of the chemistry and physics of mechanical hardness Chemistry and Physics of Mechanical Hardness presents a general introduction to hardness measurement and the connections between hardness and fundamental materials properties. Beginning with an introduction on the importance of hardness in the development of technology, the book systematically covers: Indentation Chemical bonding Plastic deformation Covalent semiconductors Simple metals and alloys Transition metals Intermetallic compounds Ionic crystals

3. Record Nr. UNINA9910821985403321

Autore	Lau Lap Chi
Titolo	Iterative methods in combinatorial optimization / / Lap Chi Lau, R. Ravi, Mohit Singh [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-22177-3 1-283-11116-0 9786613111166 1-139-07652-3 0-511-97715-8 1-139-08334-1 1-139-07880-1 1-139-08107-1 1-139-07080-0
Descrizione fisica	1 online resource (xi, 242 pages) : digital, PDF file(s)
Collana	Cambridge texts in applied mathematics ; ; 46
Classificazione	COM000000
Disciplina	518/.26
Soggetti	Iterative methods (Mathematics) Combinatorial optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Introduction; 2. Preliminaries; 3. Matching and vertex cover in bipartite graphs; 4. Spanning trees; 5. Matroids; 6. Arborescence and rooted connectivity; 7. Submodular flows and applications; 8. Network matrices; 9. Matchings; 10. Network design; 11. Constrained optimization problems; 12. Cut problems; 13. Iterative relaxation: early and recent examples; 14. Summary.
Sommario/riassunto	With the advent of approximation algorithms for NP-hard combinatorial optimization problems, several techniques from exact optimization such as the primal-dual method have proven their staying power and versatility. This book describes a simple and powerful method that is iterative in essence and similarly useful in a variety of settings for exact and approximate optimization. The authors highlight the commonality and uses of this method to prove a variety of classical polyhedral

results on matchings, trees, matroids and flows. The presentation style is elementary enough to be accessible to anyone with exposure to basic linear algebra and graph theory, making the book suitable for introductory courses in combinatorial optimization at the upper undergraduate and beginning graduate levels. Discussions of advanced applications illustrate their potential for future application in research in approximation algorithms.