

1. Record Nr.	UNINA9910783718403321
Autore	Ericksen J. L (Jerald L.), <1924->
Titolo	Mechanics and mathematics of crystals [[electronic resource] ] : selected papers of J. L. Ericksen / / editors Millard F. Beatty, Michael A. Hayes
Pubbl/distr/stampa	Hackensack, NJ., : World Scientific, c2005
ISBN	1-281-88106-6 9786611881061 981-256-941-3
Descrizione fisica	1 online resource (655 p.)
Altri autori (Persone)	BeattyMillard F HayesMichael A EricksenJ. L <1924-> (Jerald L.)
Disciplina	530.41 548/.7
Soggetti	Crystallography, Mathematical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; Foreword; Acknowledgment; J. L. Ericksen's Autobiography; 1. The Early Years; 2. World War II; 3. Back To School; 4. Comments On My Formal Education; 5. U. S. Naval Research Laboratory (NRL); 6. Johns Hopkins University (JHU); 7. University of Minnesota (UMN); 8. Retirement; Publications of J. L. Ericksen; 1. Crystal Symmetry; On the Symmetry of Crystals*; NONLINEAR ELASTICITY OF DIATOMIC CRYSTALS; On the Symmetry of Deformable Crystals; CHANGES IN SYMMETRY IN ELASTIC CRYSTALS; Crystal Lattices and Sub-Lattices.; On Nonessential Descriptions of Crystal Multilattices On Groups Occurring in the Theory of Crystal Multi-Lattices 2. Constitutive Theory; MULTI-VALUED STRAIN ENERGY FUNCTIONS FOR CRYSTALS; THE CAUCHY AND BORN HYPOTHESES FOR CRYSTALS; CONSTITUTIVE THEORY FOR SOME CONSTRAINED ELASTIC CRYSTALS; 11 SOME CONSTRAINED ELASTIC CRYSTALS; Equilibrium Theory for X-ray Observations of Crystals; A Minimization Problem in the X-ray Theory; Notes on the X-ray Theory; On Pitteri Neighborhoods Centered at Hexagonal Close-Packed Configurations; 3. Defects; VOLTERRA DISLOCATIONS IN NONLINEARLY ELASTIC BODIES; TWINNING OF

CRYSTALS (I)

4. Phase Transitions Some Phase Transitions in Crystals; CONTINUOUS MARTENSITIC TRANSITIONS IN THERMOELASTIC SOLIDS; Weak Martensitic Transformations in Bravais Lattices; Bifurcation and Martensitic transformations in Bravais lattices\*; LOCAL BIFURCATION THEORY FOR THERMOELASTIC BRAVAIS LATTICES; Thermal Expansion Involving Phase Transitions in Certain Thermoelastic Crystals; On the Possibility of Having Different Bravais Lattices Connected Thermodynamically; On the Theory of the - Phase Transition in Quartz

Sommario/riassunto

This book is a unique and comprehensive collection of pioneering contributions to the mechanics of crystals by J L Ericksen, a prominent and leading contributor to the study of the mechanics and mathematics of crystalline solids over the past 35 years.

2. Record Nr.

UNINA9910811696603321

Titolo

Visual research methods : an introduction for library and information studies // edited by Shalloo Bedi and Jenaya Webb

Pubbl/distr/stampa

London : , : Facet Publishing, , [2020]  
2020

ISBN

1-78330-514-2  
1-78330-458-8  
9781783304578  
9781783304585

Descrizione fisica

xxviii, 213 pages

Disciplina

020.72

Soggetti

Library science - Research  
library  
research method  
digital technology  
qualitative analysis

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Includes index.

Nota di bibliografia

Includes bibliographical references and index.

"Visual research methods (VRM) comprise a collection of methods that incorporate visual elements such as maps, drawings, photographs, videos, as well as three-dimensional objects into the research process. In addition, VRM including photo-elicitation, photovoice, draw-and-write techniques, and cognitive mapping are being leveraged to great effect to explore information experiences to investigate some of the central questions in the field; expand theoretical discussions in LIS; and improve library services and spaces. Visual Research Methods: An Introduction for Library and Information Studies is the first book to focus on visual methods in LIS, providing a comprehensive primer for students, educators, researchers and practitioners in the field. Contributed chapters in the book showcase examples of VRM in action and offer the insights, inspirations, and experiences of researchers and practitioners working with visual methods. Coverage includes: - an introduction to visual research methods including a discussion of terminology - an overview of the literature on VRM in libraries - methodological framing including a discussion of theory and epistemology - practical and ethical considerations for researchers embarking on VRM projects - chapters showcasing VRM in action including drawing techniques, photographic techniques, and mixed methods - six contributed chapters each showcasing the results of visual research methods, discussions of the techniques, and reflections on VRM for research in information studies. This book will provide a strong methodological context for the adoption of visual research methods in LIS and feature examples of VRM 'in action.' It will prove to be a must-have reference for researchers, practitioners, instructors, and students who want to engage with visual research methods and to expand their methodological toolkit."--Publisher.

---