

1. Record Nr.	UNINA9910957852503321
Autore	Sidorkin A. S
Titolo	Domain structure in ferroelectrics and related materials // A.S. Sidorkin
Pubbl/distr/stampa	Cambridge, UK, : Cambridge University Press, 2006
ISBN	1-280-73877-4 9786610738779 1-904602-79-7 1-4294-1317-4
Descrizione fisica	xil, 235 p
Disciplina	537/.2448
Soggetti	Domain structure Ferroelectric crystals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- Introduction -- Chapter 1 Formation of a domain structure as a result of the loss of stability of the crystalline lattice in ferroelectric and ferroelastic crystals of finite dimensions -- Chapter 2 Structure of domain and interphase boundaries in defect- free ferroelectrics and ferroelastics -- Chapter 3 Discussion of the microscopic structure of the domain boundaries in ferroelectrics -- Chapter 4 Interaction of domain boundaries with crystalline lattice defects -- Chapter 5 Structure of domain boundaries in real ferroactive materials -- Chapter 6 Mobility of domain boundaries in crystals with different barrier height in a lattice potential relief -- Chapter 7 Natural and forced dynamics of boundaries in crystals of ferroelectrics and ferroelastics -- Index.
Sommario/riassunto	The book examines domain structuring due to the loss of the initial phase stability in materials of finite size. It also covers aspects such as the behaviour of domain boundaries during their interaction with lattice defects, their structure in real ferroelectrically ordered materials, the effect of the lattice potential relief on their movement, and the flexural and translational components of their dynamics in ferroelectric crystals. The contribution of the domain boundaries to the dielectric properties

of ferroelectrics and elastic properties of ferroelectric elastomers is evaluated.

2. Record Nr.	UNICAMPANIAVAN00030594
Autore	Ricci Curbastro, Gregorio
Titolo	2: Note e memorie; teoria dell'elasticità / Gregorio Ricci Curbastro ; a cura dell'Unione Matematica Italiana e col contributo del Consiglio Nazionale delle Ricerche
Pubbl/distr/stampa	Roma, : Cremonese, 1957
Descrizione fisica	586 p. ; 26 cm
Soggetti	01A75 - Collected or selected works; reprintings or translations of classics [MSC 2020]
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia