

1. Record Nr.	UNINA9910454421603321
Titolo	Telecommunications for nurses [[electronic resource]] : providing successful distance education and telehealth / / Myrna L. Armstrong, Shari Frueh, editors
Pubbl/distr/stampa	New York, : Springer Pub., c2003
ISBN	1-281-81879-8 9786611818791 0-8261-9844-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (305 p.)
Altri autori (Persone)	ArmstrongMyrna L FruehShari
Disciplina	610/.1/4
Soggetti	Telecommunication in medicine Nursing Electronic books.
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 and index.
Nota di contenuto	Contents; Contributors; Foreword; Preface; 1. Opportunities and Challenges of Telecommunications for Nurses; Part I: Distance Education; Part II: Telehealth; Part III: Issues in Common; Index
Sommario/riassunto	""It is a book which describes how creative people, often taking a fresh approach, can get the best out of what modern distance communications technology has to offer.""--From the foreword by Susan M. Sparks , RN, PhD, FAAN, Senior Education Specialist, National Library of Medicine. This book reflects recent developments in both distance education and telehealth, focusing on practical strategies nurses can put to use in the classroom or clinic. Each chapter is written by acknowledged experts for the particular topic. The previous edition won an American Journal of Nursing Book of the Year Award

2. Record Nr.	UNINA9910337879803321
Autore	Clayton John D
Titolo	Nonlinear Elastic and Inelastic Models for Shock Compression of Crystalline Solids / / by John D. Clayton
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-15330-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (488 pages)
Collana	Shock Wave and High Pressure Phenomena, , 2197-9529
Disciplina	548 548.8
Soggetti	Mechanics Mechanics, Applied Mathematical physics Materials science Classical Mechanics Solid Mechanics Mathematical Applications in the Physical Sciences Characterization and Evaluation of Materials Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter1: Introduction -- Chapter2: Shock Physics Fundamentals -- Part I: Nonlinear Elasticity and Equations of State -- Chapter3: Lagrangian Formulation -- Chapter4: Eulerian Formulation -- Chapter5: Logarithmic Formulation -- Chapter6: Equations of State -- Part II: Inelasticity: Plasticity, Twinning, Fracture, and Flow -- Chapter7: Dislocation Plasticity in Single Crystals -- Chapter8: Shock Compression of Ductile Polycrystals -- Chapter9: Deformation Twinning in Single Crystals -- Chapter10: Fracture and Flow in Brittle Solids -- Part III Internal Structure: Differential-Geometric Modeling -- Chapter11: Finsler-Geometric Modeling of Structural Changes in Solids.
Sommario/riassunto	This book describes thermoelastic and inelastic deformation processes in crystalline solids undergoing loading by shock compression. Constitutive models with a basis in geometrically nonlinear continuum

mechanics supply these descriptions. Large deformations such as finite strains and rotations, are addressed. The book covers dominant mechanisms of nonlinear thermoelasticity, dislocation plasticity, deformation twinning, fracture, flow, and other structure changes. Rigorous derivations of theoretical results are provided, with approximately 1300 numbered equations and an extensive bibliography of over 500 historical and modern references spanning from the 1920s to the present day. Case studies contain property data, as well as analytical, and numerical solutions to shock compression problems for different materials. Such materials are metals, ceramics, and minerals, single crystalline and polycrystalline. The intended audience of this book is practicing scientists (physicists, engineers, materials scientists, and applied mathematicians) involved in advanced research on shock compression of solid materials.
