1. Record Nr. UNISA990005965130203316

Titolo	Impianti di climatizzazione per l'edilizia : dal progetto al collaudo / a cura di Gaetano Alfano, Marco Filippi, Evandro Sacchi
Pubbl/distr/stampa	Milano : Masson, 1997
ISBN	88-408-1053-6
Descrizione fisica	XV, 835 p. : ill. ; 29 cm
Disciplina	697.93
Soggetti	Impianti di condizionamento
Collocazione	697.93 IMP 1 697.93 IMP 1 a
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISOBSOB019632

Autore	Lanciano, Nicoletta
Titolo	Strumenti per i giardini del cielo : Materiali per le classi, per i musei, per i parchi, per la formazione degli insegnanti e degli animatori culturali / Nicoletta Lanciano
Pubbl/distr/stampa	Azzano S.Paolo [BG] : Edizioni Junior, 2002
ISBN	8884340748
Descrizione fisica	158 p. : ill. ; 24 cm
Collana	Quaderni di cooperazione educativa
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910254313403321

Autore	Berezovski Arkadi
Titolo	Internal Variables in Thermoelasticity / / by Arkadi Berezovski, Peter Ván
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-56934-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 220 p. 37 illus.)
Collana	Solid Mechanics and Its Applications, , 2214-7764 ; ; 243
Disciplina	531.382
Soggetti	Mechanics, Applied Solids Thermodynamics Heat engineering Heat transfer Mass transfer Physics Mathematical physics Mathematical models Solid Mechanics Engineering Thermodynamics, Heat and Mass Transfer Classical and Continuum Physics Mathematical Physics Mathematical Modeling and Industrial Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I Internal variables in thermomechanics -- 2 Introduction -- 3 Thermomechanical single internal variable theory -- 4 Dual internal variables -- Part II Dispersive elastic waves in one dimension -- 5 Internal variables and microinertia -- 6 Dispersive elastic waves -- 7 One-dimensional microelasticity -- 8 Influence of nonlinearity -- Part III Thermal effects -- 9 The role of heterogeneity in heat pulse propagation in a solid with inner structure -- 10 Heat conduction in

	microstructured solids -- 11 One-dimensional thermoelasticity with dual internal variables -- 12 Influence of microstructure on thermoelastic wave propagation -- Part IV Weakly nonlocal thermoelasticity for microstructured solids -- 13 Microdeformation and microtemperature -- Appendix A: Sketch of thermostatics -- Appendix B: Finite-volume numerical algorithm -- Index.
Sommario/riassunto	This book describes an effective method for modeling advanced materials like polymers, composite materials and biomaterials, which are, as a rule, inhomogeneous. The thermoelastic theory with internal variables presented here provides a general framework for predicting a material’s reaction to external loading. The basic physical principles provide the primary theoretical information, including the evolution equations of the internal variables. The cornerstones of this framework are the material representation of continuum mechanics, a weak nonlocality, a non-zero extra entropy flux, and a consecutive employment of the dissipation inequality. Examples of thermoelastic phenomena are provided, accompanied by detailed procedures demonstrating how to simulate them.