

1. Record Nr.	UNINA9910791628703321
Titolo	Botswana [[electronic resource]]
Pubbl/distr/stampa	[S.l.] , : Maps.com, c1999
Descrizione fisica	1 online resource (1 map)
Soggetti	Botswana Maps Botswana
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9911035056703321
Autore	Fuhrmann Jurgen
Titolo	Advances in Continuum Physics : In Memoriam Wolfgang Dreyer // edited by Jürgen Fuhrmann, Dietmar Hömberg, Wolfgang H. Müller, Wolf Weiss
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-93918-2
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (1319 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 238
Altri autori (Persone)	HombergDietmar MullerW. H (Wolfgang H.) WeissWolf
Disciplina	531.7
Soggetti	Continuum mechanics Numerical analysis Mechanics, Applied Thermodynamics Heat engineering Heat - Transmission Mass transfer Continuum Mechanics Numerical Analysis Engineering Mechanics Engineering Thermodynamics, Heat and Mass Transfer

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Wolfgang Dreyer The Life of a Free-Spirited Scientist -- An Eulerian formulation for dissipative materials using Lie derivatives and GENERIC -- Reference map approach to Eulerian thermomechanics using GENERIC -- Pitfalls in the understanding of thermomechanics of continua -- Compressibility and volume variations due to composition in multicomponent fluids -- Incorporating dissipation in the Lagrange equations: Part I Theory -- Incorporating dissipation in the Lagrange equations: Part II Examples -- On Jump Conditions at Phase Boundaries for Ordered and Disordered Phases -- Balance Laws and Transport Theorems for Flows with Singular Interfaces -- Multi Velocity Sharp Interface Continuum Thermodynamics of Fluid Systems with Adsorption -- Damage Modeling in Batteries by Coupling Lithiation and Mechanics by Means of a Finite Element Method -- On the non constant dielectric susceptibility in continuum models for electrolytes -- Elastic Plastic Creep Deformation and Damage in Sn Ag Cu Solder Alloys -- Constitutive theory and simulation of entropy and enthalpy relaxation in the glass transition regime -- Constitutive equations for non linear isotropic limited compressible elastic solids -- Phase field Cosserat modelling of grain boundary pore interaction -- Phase field modeling and sharp interface limits of multi component gas liquid flows with electrochemical reactions and phase transition effects -- Hyperbolic relaxation of the chemical potential in the viscous Cahn Hilliard equation -- A new approach to thermodynamically consistent models for SMAs -- Which frequency bands are responsible for noise-induced triggering of thermoacoustic instabilities? -- A model for tidal effects on a planet -- Mass transport in Fokker Planck equations with general potentials -- Distortion and Residual Stresses in an Additively Manufactured Disc Stack: Continuum Modeling and FEM Simulation for Polyamide 12 -- Approaches to conservative Smoothed Particle Hydrodynamics with entropy -- Martensitic nucleation a phonon thermodynamics approach -- The Maximum Entropy Principle in Nonequilibrium Thermodynamics: A Brief History and the Contributions of Wolfgang Dreyer -- Phonon Hydrodynamics Revisited -- On the visual explanation of the isotherm dilute atmosphere.</p>
Sommario/riassunto	<p>This book is in honor of the late Professor Wolfgang Dreyer from the Weierstrass Institute for Applied Analysis and Stochastics (WIAS) in Berlin.</p>