1. Record Nr. UNINA990004387060403321

Titolo	Modern theories of drama : a selection of writings on drama and theatre 1850-1990 / edited and annotated by George W. Brandt
Pubbl/distr/stampa	Oxford : Clarendon press, 2003
ISBN	0-19-871140-9
Edizione	[Repr.]
Descrizione fisica	XXII, 334 p. ; 24 cm
Disciplina	809.2
Locazione	FLFBC
Collocazione	P.3 B 13989
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910734842203321

Autore	Espath Luis
Titolo	Mechanics and Geometry of Enriched Continua / / by Luis Espath
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-28934-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (161 pages)
Disciplina	531.7
Soggetti	Continuum mechanics Mathematical physics Computer simulation Thermodynamics Materials science—Data processing Optical materials Continuum Mechanics Computational Physics and Simulations Computational Materials Science Optical Materials

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Integro-differential machinery -- Power balance, fields and hyperfields -- Complementary balances, jump conditions and couple fields -- Thermodynamics -- Coupling -- Environmental surface balances and imbalances -- Boundary conditions -- Final remarks.
Sommario/riassunto	This monograph presents a comprehensive and rigorous new framework for the theoretical description and modelling of enriched continua. In other words, continua that exhibit more complex behaviour than their conventional counterparts and, in particular, multicomponent systems. It employs gradient theories, exhibiting multiple transition layers described by phase fields. As a point of departure, we account for multiple continuum kinematic processes, including motion and various phase fields. These gradient theories arise by considering various kinematic processes which are tightly linked to the level of the arbitrariness of the Euler–Cauchy cuts. The surface defining the Euler–Cauchy cut may lose its smoothness along a curve, and the curve may also lose its smoothness at a point. Additionally, we postulate the principle of virtual power on surfaces. Then, the first and second laws of thermodynamics with the power balance provide suitable and consistent choices for the constitutive equations. Finally, the complementary balances, namely the balances on surfaces, are tailored to coincide with different parts of the boundaries of the body. These surface balances are then called environmental surface balances and aid in determining suitable and consistent boundary conditions. Ultimately, the environmental surface power balance is relaxed to yield an environmental surface imbalance of powers, rendering a more general type of boundary condition. A detailed introduction sets the scene for the mathematical chapters that follow, ensuring that graduate students and newcomers can profit from the material presented.