

1. Record Nr.	UNISALENTO991000792309707536
Titolo	Working with texts : a core introduction to language analysis / Ronald Carter ... [et al.]
Pubbl/distr/stampa	London ; New York : Routledge, c2008
ISBN	9780415414241
Edizione	[3. ed.]
Descrizione fisica	xxii, 264 p. : ill. ; 25 cm
Collana	Intertext
Altri autori (Persone)	Carter, Ronaldauthor Goddard, Angela Reah, Danuta Sanger, Keith Bowring, Maggie
Disciplina	420.141
Soggetti	Lingua inglese - Analisi del discorso - Esercizi
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910299720803321
Autore	Müller Wolfgang H
Titolo	An Expedition to Continuum Theory / / by Wolfgang H. Müller
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	9789400777996 940077799X
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (408 p.)
Collana	Solid Mechanics and Its Applications, , 0925-0042 ; ; 210
Disciplina	531
Soggetti	Mechanics Mechanics, Applied Field theory (Physics) Materials science Theoretical and Applied Mechanics Classical and Continuum Physics Materials Science, general
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 at the end of each chapters and index.
Nota di contenuto	1 Prologue -- 2 Coordinate transformations -- 3 Balances (in particular in Cartesian systems -- 4 Spatial derivatives of fields -- 5 Balance equations in skew curvilinear coordinate systems -- 6 Constitutive equations in arbitrary coordinate systems -- 7 A first glance on field equations -- 8 Observers and frames of reference in classical continuum theory -- 9 Problems of linear elasticity -- 10 Selected problems for Newtonian and Maxwellian fluids -- 11 Introduction to time-independent plasticity theory -- 12 Entropy -- 13 Fundamentals of electromagnetic field theory -- Picture sources -- Subject index.
Sommario/riassunto	This book introduces field theory as required in solid and fluid mechanics as well as in electromagnetism. It also presents the necessary mathematical framework, namely tensor algebra and tensor calculus, by using an inductive approach, which makes it particularly suitable for beginners. In general, the book can be used in undergraduate classes on continuum theory and, more specifically, in courses on continuum mechanics, for students of physics and

engineering alike. The benefits for the readers consist of providing a sound basis of the subject as a whole and of training their ability for solving specific problems in a rational manner. For this purpose the general laws of nature in terms of the balances for mass, momentum, and energy are applied and combined with constitutive relations, which are material specific. Various examples and homework problems illustrate how to use the theory in daily practice. Numerous mini-biographies have been added to the mathematical text for diversion and amusement.
