

1.	Record Nr.	UNIBAS000035856
	Autore	Dragoni, Carlo
	Titolo	Le basi economiche dell'agricoltura sovietica / Carlo Dragoni
	Pubbl/distr/stampa	Città di Castello ; Bari : Macri, stampa 1945
	Descrizione fisica	306 p. ; 22 cm
	Collana	Studi di economia e vita sociale ; 1
	Disciplina	306.3490947
	Soggetti	Unione Sovietica Politica agraria 1930-1945
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299686503321
	Autore	Huilgol Raja R
	Titolo	Fluid mechanics of viscoplasticity / / by Raja R. Huilgol
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
	ISBN	3-662-45617-6
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (288 p.)
	Disciplina	532 533.62 620 620.1
	Soggetti	Fluid mechanics Fluids Mechanics Mechanics, Applied Engineering Fluid Dynamics Fluid- and Aerodynamics Solid Mechanics
	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	The Basic Features of Viscoplasticity -- Kinematics of Fluid Flow -- Fundamental Equations -- Constitutive Equations -- Analytic Solutions: Steady Flows -- Analytic Solutions: Unsteady Shearing Flows -- Analytical Approximation Techniques -- Variational Principles and Variational Inequalities -- Energy Methods in Action: Equality, Inequality and Stability -- Numerical Modelling.
Sommario/riassunto	In this book, we shall consider the kinematics and dynamics of the flows of fluids exhibiting a yield stress. To highlight the principal characteristics of such fluids, the first chapter emphasizes the role played by the yield stress. Next, a careful description of the continuum mechanics behind the constitutive equations for incompressible and compressible viscoplastic fluids is given in Chapters 2–4. In Chapters 5 and 6 analytical solutions to several steady and unsteady flows of Bingham fluids are presented. The subsequent Chapters 7–10 are concerned with the development of variational principles and their numerical solutions, along with perturbation methods which play a significant role in numerical simulations.