1. Record Nr. UNINA9910709704403321

Autore	Clark Joseph C.
Titolo	Stratigraphy, paleontology, and geology of the central Santa Cruz Mountains, California Coast Ranges / / by Joseph C. Clark
Pubbl/distr/stampa	Washington : , : United States Department of the Interior, Geological Survey, , 1981
Descrizione fisica	1 online resource (iv, 51 pages) : illustrations, maps + + 2 plates
Collana	Geological Survey professional paper ; ; 1168
Soggetti	Geology, Stratigraphic - Tertiary Geology - California - Santa Cruz Mountains Geology Geology, Stratigraphic Tertiary Geologic Period California Santa Cruz Mountains
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 47-51).

2. Record Nr. UNINA9910483908603321

Autore	Constantin P (Peter), <1951->
Titolo	Mathematical Foundation of Turbulent Viscous Flows : Lectures given at the C.I.M.E. Summer School held in Martina Franca, Italy, September 1-5, 2003 / / by Peter Constantin, Giovanni Gallavotti, Alexandre V. Kazhikhov, Yves Meyer, Seiji Ukai ; edited by Marco Cannone, Tetsuro Miyakawa
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	9783540324546 3540324542
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (IX, 264 p.)
Collana	C.I.M.E. Foundation Subseries, , 2946-1820 ; ; 1871
Disciplina	532.58
Soggetti	Differential equations Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Five leading specialists reflect on different and complementary approaches to fundamental questions in the study of the Fluid Mechanics and Gas Dynamics equations. Constantin presents the Euler equations of ideal incompressible fluids and discusses the blow-up problem for the Navier-Stokes equations of viscous fluids, describing some of the major mathematical questions of turbulence theory. These questions are connected to the Caffarelli-Kohn-Nirenberg theory of singularities for the incompressible Navier-Stokes equations that is explained in Gallavotti's lectures. Kazhikhov introduces the theory of strong approximation of weak limits via the method of averaging, applied to Navier-Stokes equations. Y. Meyer focuses on several nonlinear evolution equations - in particular Navier-Stokes - and some related unexpected cancellation properties, either imposed on the initial condition, or satisfied by the solution itself, whenever it is localized in space or in time variable. Ukai presents the asymptotic analysis theory of fluid equations. He discusses the Cauchy-Kovalevskaya technique for the Boltzmann-Grad limit of the Newtonian

equation, the multi-scale analysis, giving the compressible and incompressible limits of the Boltzmann equation, and the analysis of their initial layers.