1. Record Nr. UNICASUBO1174501

Titolo	Lettere e arti nel Rinascimento : atti del 10. Convegno internazionale (Chianciano-Pienza 20-23 luglio 1998) / a cura di Luisa Secchi Tarugi
Pubbl/distr/stampa	Firenze, : Cesati, stampa 2000
ISBN	8876670969
Descrizione fisica	754 p. : ill. ; 23 cm.
Collana	Quaderni della Rassegna ; 18
Disciplina	700.104
Soggetti	Umanesimo - Congressi - Chianciano-Pienza - 1998 Rinascimento Letteratura e arte - Italia - Sec. 15.-16. - Congressi 1998
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910778467903321

Autore	Belotserkovskii O. M (Oleg Mikhailovich)
Titolo	Constructive modeling of structural turbulence and hydrodynamic instabilities [[electronic resource] /] / O.M. Belotserkovskii
Pubbl/distr/stampa	New Jersey, : World Scientific, c2009
ISBN	1-282-44110-8 9786612441103 981-283-302-1 1-61583-038-3
Descrizione fisica	1 online resource (489 p.)
Disciplina	629.132/32
Soggetti	Turbulence
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.
Nota di contenuto	Preface; Introduction; Contents; 1. Constructive Modeling of Free Developed Turbulence - Coherent Structures, Laminar-Turbulent Transition, Chaos; 2. Modeling of Richtmyer-Meshkov Instability; 3. Rayleigh-Taylor Instability: Analysis and Numerical Simulation; 4. Direct Statistical Approach for Aerohydrodynamic Problems; Appendix A Computational Experiment: Direct Numerical Simulation of Complex Gas-Dynamical Flows on the Basis of Euler, Navier-Stokes, and Boltzmann Models; Appendix B Formation of Large-Scale Structures in the Gap Between Rotating Cylinders: the Rayleigh-Zeldovich Problem Appendix C Universal Technology of Parallel Computations for the Problems Described by Systems of the Equations of Hyperbolic Type: A Step to SupersolverAppendix D Supercomputers in Mathematical Modeling of the High Complexity Problems; Appendix E On Nuts and Bolts of Structural Turbulence and Hydrodynamic Instabilities; Appendix F List of the Main Publications of O. M. Belotserkovskii
Sommario/riassunto	The book provides an original approach in the research of structural analysis of free developed shear compressible turbulence at high Reynolds number on the base of direct numerical simulation (DNS) and instability evolution for ideal medium (integral conservation laws) with approximate mechanism of dissipation (FLUX dissipative monotone

"upwind" difference schemes) and does not use any explicit sub-grid approximation and semi-empirical models of turbulence. Convective mixing is considered as a principal part of conservation law.