

1. Record Nr.	UNISA996466797303316
Titolo	Advances in Fluid Mechanics [[electronic resource]] : Proceedings of a Conference Held at Aachen, March 26–28, 1980 // edited by E. Krause
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1981
ISBN	3-540-38635-1
Edizione	[1st ed. 1981.]
Descrizione fisica	1 online resource (VII, 365 p. 87 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 148
Disciplina	532 533.62
Soggetti	Fluids Fluid mechanics Continuum physics Fluid- and Aerodynamics Engineering Fluid Dynamics Classical and Continuum Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Eröffnung -- Opening address -- Education, training, and research in the engineering sciences -- Numerical solution of conservation laws -- Numerical methods for computation of multi-dimensional discontinuous gas flow -- Studies on the motion and decay of a vortex filament -- The contribution to aircraft design of research in fluid dynamics -- High-Reynolds number boundary-layer shock-wave interaction in transonic flow -- Flow in multiply-connected domains -- Numerical solution of compressible viscous flows at high Reynolds numbers -- Boundary-layer waves and transition -- Pattern recognition of bounded turbulent shear flows -- Biological flow in deformable vessels -- Steady transport of material in the artery wall -- Numerical studies of nonhomogeneous fluid flows.