

1. Record Nr.	UNINA9910823180703321
Autore	Bernard Peter S.
Titolo	Turbulent fluid flow // Peter S. Bernard
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2019
ISBN	1-119-10624-9 1-119-10623-0
Descrizione fisica	1 online resource (359 pages)
Disciplina	532/.0527
Soggetti	Turbulence Fluid dynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Describing turbulence -- Overview of turbulent flow physics and equations -- Turbulence at small scales -- Energy decay in isotropic turbulence -- Turbulent transport and its modeling -- Channel and pipe flows -- Boundary layers -- Turbulence modeling -- Large eddy simulations -- Properties of turbulent free shear flows -- Calculation of ground vehicle flows.