

1. Record Nr.	UNINA9910154884003321
Autore	Darby Ron <1932-, >
Titolo	Chemical engineering fluid mechanics / / Ron Darby, Texas A&M University, College Station, Texas, Raj P. Chhabra, Indian Institute of technology, Kanpur, India
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2017] ©2017
ISBN	1-315-37067-0 1-4987-2443-4
Edizione	[Third edition.]
Descrizione fisica	1 online resource (578 pages) : illustrations
Disciplina	660/.284
Soggetti	Chemical processes Fluid mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	chapter 1. Basic concepts -- chapter 2. Dimensional analysis and scale-up -- chapter 3. Fluid properties in perspective -- chapter 4. Fluid statics -- chapter 5. Conservation principles -- chapter 6. Pipe flow -- chapter 7. Internal flow applications -- chapter 8. Pumps and compressors -- chapter 9. Compressible flows -- chapter 10. Flow measurement -- chapter 11. Safety relief and control valves -- chapter 12. External flows -- chapter 13. Fluid-solid separations by free settling -- chapter 14. Flow in porous media -- chapter 15. Fluidization and sedimentation -- chapter 16. Two-phase flow.