

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910583012903321 |
| Autore | Zhou Lixing |
| Titolo | Theory and modeling of dispersed multiphase turbulent reacting flows // Lixing Zhou |
| Pubbl/distr/stampa | Oxford, England ; ; Cambridge, Massachusetts : , : Butterworth-Heinemann, , 2018 ©2018 |
| ISBN | 0-12-813466-6 0-12-813465-8 |
| Descrizione fisica | 1 online resource (320 pages) |
| Disciplina | 532.0527015118 |
| Soggetti | Turbulence - Mathematical models Combustion - Mathematical models Fluid dynamics - Mathematical models |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Sommario/riassunto | "[P]rovides a systematic account of the fundamentals of multiphase flows, turbulent flows, and combustion theory, as well as presenting the latest advances in the models and theories in this field. The topics covered include: the basic equations of multiphase turbulent reacting flows; modeling of turbulent flows; modeling of multiphase turbulent flows; modeling of turbulent combusting flows; and numerical methods for the simulation of multiphase turbulent reacting flows. This book serves as a reference for teachers and researchers in engineering design, as well as for students and research engineers in the fields of fluid dynamics, thermal science and engineering, aeronautical, space, oil and gas, chemical, metallurgical, petroleum, nuclear, and hydraulic engineering"--Back cover. |