1. Record Nr. UNINA9910299929603321

| | |
|---|---|
| Titolo | Go4Hybrid: Grey Area Mitigation for Hybrid RANS-LES Methods : Results of the 7th Framework Research Project Go4Hybrid, Funded by the European Union, 2013-2015 / / edited by Charles Mockett, Werner Haase, Dieter Schwamborn |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| ISBN | 3-319-52995-1 |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (XII, 280 p. 172 illus., 155 illus. in color.) |
| Collana | Notes on Numerical Fluid Mechanics and Multidisciplinary Design, , 1612-2909 ; ; 134 |
| Disciplina | 532.0501515 |
| Soggetti | Fluid mechanics<br>Fluids<br>Computational complexity<br>Engineering Fluid Dynamics<br>Fluid- and Aerodynamics<br>Complexity |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Sommario/riassunto | This book reports on the EU-funded 7th Framework project, Go4Hybrid (Grey Area Mitigation for Hybrid RANS-LES Methods). It presents new findings concerning the accuracy and reliability of current hybrid RANS-LES methods. It describes improved formulations of both non-zonal and embedded hybrid strategies, together with their validation in a broad range of flow cases, and highlighting some key industrial applications. The book provides students, researchers and professionals in the field of applied computational fluid dynamics with a timely, practice-oriented reference guide. . |