1. Record Nr. UNISALENTO991002991179707536

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| Autore | Pigrucci Valentini, Alma |
| Titolo | Guida turistica di Urbino : il Palazzo ducale, la galleria, la casa natale di Raffaello e gli altri monumenti della città / Alma Pigrucci Valentini |
| Pubbl/distr/stampa | Faenza : Società tipografica faentina, 1960 |
| Descrizione fisica | 66 p. : ill. ; 17 cm. |
| Disciplina | 914.567 |
| Soggetti | Urbino - Guide |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910299486603321

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| Autore | Pulliam Thomas H |
| Titolo | Fundamental Algorithms in Computational Fluid Dynamics / / by Thomas H. Pulliam, David W. Zingg |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014 |
| ISBN | 3-319-05053-2 |
| Edizione | [1st ed. 2014.] |
| Descrizione fisica | 1 online resource (XII, 211 p. 54 illus.) |
| Collana | Scientific Computation, , 1434-8322 |
| Disciplina | 620.1064 |
| Soggetti | Fluid mechanics<br>Fluids<br>Physics<br>Aerospace engineering<br>Astronautics<br>Engineering Fluid Dynamics<br>Fluid- and Aerodynamics<br>Numerical and Computational Physics, Simulation<br>Aerospace Technology and Astronautics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |

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| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di contenuto | Introduction -- Background -- Overview and Roadmap -- Fundamentals -- Model Equations -- Finite-Difference Methods -- The Semi-Discrete Approach -- Finite-Volume Methods -- Numerical Dissipation and Upwind Schemes -- Time-Marching Methods for ODEs -- Stability Analysis -- Governing Equations -- The Euler and Navier-Stokes Equations -- The Reynolds-Averaged Navier-Stokes Equations. |
| Sommario/riassunto | Intended as a textbook for courses in computational fluid dynamics at the senior undergraduate or graduate level, this book is a follow-up to the book Fundamentals of Computational Fluid Dynamics by the same authors, which was published in the series Scientific Computation in 2001. Whereas the earlier book concentrated on the analysis of numerical methods applied to model equations, this new book concentrates on algorithms for the numerical solution of the Euler and Navier-Stokes equations. It focuses on some classical algorithms as well as the underlying ideas based on the latest methods. A key feature of the book is the inclusion of programming exercises at the end of each chapter based on the numerical solution of the quasi-one-dimensional Euler equations and the shock-tube problem. These exercises can be included in the context of a typical course, and sample solutions are provided in each chapter, so readers can confirm that they have coded the algorithms correctly. |