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| 1. Record Nr. | UNICASRML0237032 |
| Autore | FORTIS, Marco |
| Titolo | Più ricchi con l'ambiente : Nuovi indicatori di sviluppo economico / Marco Fortis ; M. E. Benigni |
| Pubbl/distr/stampa | Milano, : Vita e Pensiero, 1994 |
| Descrizione fisica | 167 p. : fig. ; 22 cm |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910254580203321 |
| Autore | Tur Anatoli |
| Titolo | Coherent vortex structures in fluids and plasmas / / by Anatoli Tur, Vladimir Yanovsky |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017 |
| ISBN | 3-319-52733-9 |
| Edizione | [1st ed. 2017.] |
| Descrizione fisica | 1 online resource (X, 306 p. 99 illus., 2 illus. in color.) |
| Collana | Springer Series in Synergetics, , 0172-7389 |
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Applications of Nonlinear Dynamics and Chaos Theory |
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| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Preface -- Dynamics of point vortex singularities -- Influence of potential waves on point vortices motion -- Non trivial stationary vortex configurations -- Generation of large scale vortices -- Vortices in plasma hydrodynamics -- References -- Index. |
| Sommario/riassunto | This monograph introduces readers to the hydrodynamics of vortex formation, and reviews the last decade of active research in the field, offering a unique focus on research topics at the crossroads of |

traditional fluids and plasmas. Vortices are responsible for the process of macroscopic transport of momentum, energy and mass, and are formed as the result of spontaneous self-organization. Playing an important role in nature and technology, localized, coherent vortices are regularly observed in shear flows, submerged jets, afterbody flows and in atmospheric boundary layers, sometimes taking on the form of vortex streets. In addition, the book addresses a number of open issues, including but not limited to: which singularities are permitted in a 2D Euler equation besides point vortices? Which other, even more complex, localized vortices could be contained in the Euler equation? How do point vortices interact with potential waves?
