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| 1. Record Nr. | UNINA990008046350403321 |
| Autore | Sciso, Elena <1951- > |
| Titolo | Le risorse dell'Antartide e il diritto internazionale / Elena Sciso |
| Pubbl/distr/stampa | Padova : Cedam, 1990 |
| ISBN | 88-13-17010-6 |
| Descrizione fisica | XV, 396 p. ; 24 cm |
| Collana | Dipartimento di diritto dell'economia dell'Università di Napoli ; 8 |
| Disciplina | 341.29 |
| Locazione | DEC DSI |
| Collocazione | DI XXXIII-5 XXX-39 G 135 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

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| 2. Record Nr. | UNINA9910827611803321 |
| Autore | Charru Francois |
| Titolo | Hydrodynamic instabilities // Francois Charru ; translated by Patricia de Forcrand-Millard [[electronic resource]] |
| Pubbl/distr/stampa | Cambridge : , : Cambridge University Press, , 2011 |
| ISBN | 1-107-22532-9 1-283-29593-8 1-139-12277-0 9786613295934 1-139-11703-3 1-139-12769-1 1-139-11267-8 1-139-11486-7 0-511-97517-1 |
| Descrizione fisica | 1 online resource (xviii, 391 pages) : digital, PDF file(s) |
| Collana | Cambridge texts in applied mathematics ; ; 37 |
| Disciplina | 620.1/064 |
| Soggetti | Unsteady flow (Fluid dynamics) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from publisher's bibliographic system (viewed on 05 Oct 2015). |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Machine generated contents note: Preface; 1. Introduction; 2. Instabilities of fluids at rest; 3. Stability of open flows: basic ideas; 4. Inviscid instability of parallel flows; 5. Viscous instability of parallel flows; 6. Instabilities at low Reynolds number; 7. Avalanches, ripples, and dunes; 8. Nonlinear dynamics of systems with few degrees of freedom; 9. Nonlinear dispersive waves; 10. Nonlinear dynamics of dissipative systems; 11. Dynamical systems and bifurcations; Appendix. The Saint-Venant equations; Bibliography; Index. |
| Sommario/riassunto | The instability of fluid flows is a key topic in classical fluid mechanics because it has huge repercussions for applied disciplines such as chemical engineering, hydraulics, aeronautics, and geophysics. This modern introduction is written for any student, researcher, or practitioner working in the area, for whom an understanding of hydrodynamic instabilities is essential. Based on a decade's experience |

of teaching postgraduate students in fluid dynamics, this book brings the subject to life by emphasizing the physical mechanisms involved. The theory of dynamical systems provides the basic structure of the exposition, together with asymptotic methods. Wherever possible, Charru discusses the phenomena in terms of characteristic scales and dimensional analysis. The book includes numerous experimental studies, with references to videos and multimedia material, as well as over 150 exercises which introduce the reader to new problems.
