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| 1. Record Nr. | UNISA990000365820203316 |
| Autore | KATZAN, Harry jr. |
| Titolo | Microcomputer graphics and programming techniques / Harry jr. Katzan |
| Pubbl/distr/stampa | New York : Van Nostrand Reinhold Company |
| Disciplina | 001.6443 |
| Collocazione | 001.644 3 KAT |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910780882803321 |
| Autore | Sprott Julien C |
| Titolo | Elegant chaos [[electronic resource]] : algebraically simple chaotic flows // Julien Clinton Sprott |
| Pubbl/distr/stampa | New Jersey, : World Scientific, c2010 |
| ISBN | 1-282-75766-0
9786612757662
981-283-882-1 |
| Descrizione fisica | 1 online resource (304 p.) |
| Disciplina | 515/.35 |
| Soggetti | Lyapunov exponents
Flows (Differentiable dynamical systems)
Chaotic behavior in systems - Mathematics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references (p. 265-280) and index. |
| Nota di contenuto | Preface; Contents; List of Tables; 1. Fundamentals; 2. Periodically Forced Systems; 3. Autonomous Dissipative Systems; 4. Autonomous Conservative Systems; 5. Low-dimensional Systems (D 3); 7. Circulant Systems; 8. Spatiotemporal Systems; 9. Time-Delay Systems; 10. |

Sommario/riassunto

This heavily illustrated book collects in one source most of the mathematically simple systems of differential equations whose solutions are chaotic. It includes the historically important systems of van der Pol, Duffing, Ueda, Lorenz, Rossler, and many others, but it goes on to show that there are many other systems that are simpler and more elegant. Many of these systems have been only recently discovered and are not widely known. Most cases include plots of the attractor and calculations of the spectra of Lyapunov exponents. Some important cases include graphs showing the route to chaos. The
