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| 1. Record Nr. | UNISA990000565380203316 |
| Autore | DOBRIAN, Walter A. |
| Titolo | Poesía española / Walter A. Dobrian |
| Pubbl/distr/stampa | Madrid : Gredos, 1988- |
| Descrizione fisica | v. ; 19 cm |
| Collana | Biblioteca romanica hispanica . 6. , Antologia hispanica ; 37 |
| Disciplina | 861.009 |
| Soggetti | Poesia spagnola -- Storia |
| Collocazione | XII D COLL. |
| Lingua di pubblicazione | Spagnolo |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910464535903321 |
| Titolo | Biological shape analysis [[electronic resource]] : proceedings of the 1st International Symposium, Tsukuba, Japan, 3-6 June, 2009 // Pete E. Lestrel, editor |
| Pubbl/distr/stampa | Hackensack, N.J., : World Scientific, 2011 |
| ISBN | 1-283-43388-5
9786613433886
981-4355-24-0 |
| Descrizione fisica | 1 online resource (xvi, 305 p.) : ill. (some col.) |
| Altri autori (Persone) | LestrelPete E |
| Disciplina | 599.9 |
| Soggetti | Biology - Classification
Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographical references and index. |

Nota di contenuto

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Sommario/riassunto

The Proceedings describe the current state of research dealing with biological shape analysis. The quantitative analysis of the shape of biological organisms represents a challenge that has now seen breakthroughs with new methodologies such as elliptical Fourier analysis, quantitative trait loci analysis (QTLs), chromosome segment substitution lines (CSSLs), thin plate splines, etc. The Proceedings also illustrate the diversity of disciplines that are actively involved in the characterization and analysis of biological shape. Moreover, many of the papers focus on the relationship of the shape to the processes that determine the biological form, an issue of major continuing concern in biology.