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| Titolo | Geometry and nature : in memory of W.K. Clifford : a Conference on New Trends in Geometrical and Topological Methods in memory of William Kingdon Clifford, July 30-August 5, 1995, Madeira, Portugal // Hanna Nencka, Jean-Pierre Bourguignon, editors |
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| Descrizione fisica | 1 online resource (314 p.) |
| Collana | Contemporary mathematics, , 0271-4132 ; ; 203 , 0271-4132 |
| Disciplina | 530.15/6 |
| Soggetti | Geometry Topology Mathematical physics |
| 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. |
| Nota di contenuto | Adapted metrics and Mobius transformations defined over Clifford algebras -- Part III. Information Geometry -- Information geometry -- 1. Introduction -- 2. Riemannian Manifold with Dual Affine Connections -- 3. Dually flat manifolds -- 4. Some Unsolved Mathematical Questions -- 5. Manifold of Probability Distributions -- 6. Applications of Information Geometry -- 7. Conclusions -- References -- An example of dynamical behaviour of the relative entropy -- Information geometry and learning in formal neural networks -- Statistical dynamics and information geometry -- Part IV. Noncommutative Geometry -- On finite differential calculi -- Some aspects of noncommutative differential geometry -- Connections of bimodules in non-commutative geometry -- Riemannian and non-commutative geometry in physics -- Spectral model and fuzzy mass relations -- Part V. Cosmology and General Relativity -- Not so simple universe -- Extended tensorial curvature analysis for embeddings and foliations -- Spaces admitting a foliation by isotropic hypersurfaces -- An alternative to inflation -- Part VI. Symplectic Geometry and Self- |

Similar Structures -- A class of homogeneous symplectic manifolds --
nth order conditionally convergent series of fractal domains -- Part VII:
Field Theory -- Chern-Simons vortices -- The generalized local
instability criterion from the geodesic deviation equation.
