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Soggetti	Topology Dynamics Mathematics Dynamical Systems Applications of Mathematics Topologia Llibres electrònics
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Nota di contenuto	Chapter 1. Spaces of Minimal Usco and Minimal Cusco Maps as Fréchet Topological Vector Spaces -- Chapter 2. Contra Continuity Properties of Relations in Relator Spaces -- Chapter 3. The Continuous Representation Property in Utility Theory -- Chapter 4. On Quasi-Uniformities, Function Spaces and Atoms: remarks and some Questions -- Chapter 5. Some Cardinal Estimations via the Inclusion-Exclusion Principle in Finite $T_0$ Topological Spaces -- Chapter 6. Representations of preference relations with preutility functions on metric spaces -- Chapter 7. Entropy of a pairwise continuous map in NWPC bitopological dynamical systems -- Chapter 8. Topological Approaches for Vector Variational Inequality Problems -- Chapter 9. Ideals and Grills associated with a Rough set -- Chapter 10. Filter verses ideal on topological spaces -- Chapter 11. Fisher Type Set-valued Mappings in b-metric spaces and an Application to Integral Inclusion -- Chapter 12. Topological aspects of granular computing -- Chapter 13. On

topological index of naturally occurring zeolite material [4, n] --  
Chapter 14. q-Rung Orthopair Fuzzy Points and Applications to q-Rung  
Orthopair Fuzzy Topological Spaces and Pattern Recognition.

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Sommario/riassunto

This book contains selected chapters on recent research in topology. It bridges the gap between recent trends of topological theories and their applications in areas like social sciences, natural sciences, soft computing, economics, theoretical chemistry, cryptography, pattern recognitions and granular computing. There are 14 chapters, including two chapters on mathematical economics from the perspective of topology. The book discusses topics on function spaces, relator space, preorder, quasi-uniformities, bitopological dynamical systems, b-metric spaces and related fixed point theory. This book is useful to researchers, experts and scientists in studying the cutting-edge research in topology and related areas and helps them applying topology in solving real-life problems the society and science are facing these days.

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