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Titolo	Essentials of Fuzzy Soft Multisets : Theory and Applications / / by Anjan Mukherjee, Ajoy Kanti Das
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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction to fuzzy sets, soft sets, mulit sets and their generations -- 2. Fuzzy soft multiset theory -- 3. Relation on fuzzy soft multisets -- 4. Topology on fuzzy soft multisets -- 5. Fuzzy soft multi points and their sequences -- 6. Fuzzy soft multi compactness and separation axioms -- 7. Fuzzy soft multiset based applications -- 8. Generalization of fuzzy soft multisets -- 9. Intuitionistic fuzzy soft multiset theory -- 10. Application of intuitionistic fuzzy soft multisets.
Sommario/riassunto	This book discusses major theories and applications of fuzzy soft multisets and their generalization which help researchers get all the related information at one place. The primary objective of this book is to help bridge the gap to provide a textbook on the theories in fuzzy soft multisets and their applications in real life. It is targeted to researchers and students working in the field of fuzzy set theory, multiset theory, soft set theory and their applications. Uncertainty, vagueness and the representation of imperfect knowledge have been a problem in many fields of research, including artificial intelligence, network and communication, signal processing, machine learning,

computer science, information technology, as well as medical science, economics, environments and engineering. There are many mathematical tools for dealing with uncertainties. They include fuzzy set theory, multiset theory, soft set theory and soft multiset theory.

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