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Collana	Studies in Fuzziness and Soft Computing, , 1860-0808 ; ; 388
Disciplina	511.322 511.3223
Soggetti	Computational intelligence Expert systems (Computer science) Operations research Management science Pattern recognition systems Computational Intelligence Knowledge Based Systems Operations Research, Management Science Automated Pattern Recognition
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	On Brouwer's Intuitionism and Intuitionistic Fuzziness -- On IVIFSs -- Relations and operations over IVIFSs -- Operators over IVIFSs -- Interval valued intuitionistic fuzzy pairs -- Applications of IVIFSs -- Conclusion and remarks on future research.
Sommario/riassunto	The book offers a comprehensive survey of interval-valued intuitionistic fuzzy sets. It reports on cutting-edge research carried out by the founder of the intuitionistic fuzzy sets, Prof. Krassimir Atanassov, giving a special emphasis to the practical applications of this extension. A few interesting case studies, such as in the area of data mining, decision making and pattern recognition, among others, are discussed in detail. The book offers the first comprehensive guide on interval-valued intuitionistic fuzzy sets. By providing the readers with a thorough survey and important practical details, it is expected to

support them in carrying out applied research and to encourage them to test the theory behind the sets for new advanced applications. The book is a valuable reference resource for graduate students and researchers alike.
