

1. Record Nr.	UNINA9910483918903321
Titolo	Transactions on Rough Sets XX / edited by James F. Peters, Andrzej Skowron
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016
ISBN	3-662-53611-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VII, 321 p. 16 illus.)
Collana	Transactions on Rough Sets, , 1861-2059 ; ; 10020
Disciplina	511.32
Soggetti	Pattern perception Logic, Symbolic and mathematical Numerical analysis Artificial intelligence Application software Pattern Recognition Mathematical Logic and Formal Languages Numeric Computing Artificial Intelligence Information Systems Applications (incl. Internet) Conjunts aproximats Congressos Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	A new fuzzy-rough hybrid merit to feature selection -- greedy algorithm for the construction of approximate decision rules for decision tables with many-valued decisions -- algebraic semantics of proto-transitive rough sets -- covering rough sets and formal topology -- a uniform approach through intensional and extensional constructors -- multiple-source approximation systems, evolving information systems and corresponding logics: a study in rough set theory. .
Sommario/riassunto	The LNCS journal Transactions on Rough Sets is devoted to the entire spectrum of rough sets related issues, from logical and mathematical

foundations, through all aspects of rough set theory and its applications, such as data mining, knowledge discovery, and intelligent information processing, to relations between rough sets and other approaches to uncertainty, vagueness, and incompleteness, such as fuzzy sets and theory of evidence. Volume XX in the series is a continuation of a number of research streams that have grown out of the seminal work of Zdzislaw Pawlak during the first decade of the 21st century.
