1.	Record Nr.	UNINA9910151860103321
	Titolo	Advances in Combining Intelligent Methods : Postproceedings of the 5th International Workshop CIMA-2015, Vietri sul Mare, Italy, November 2015 (at ICTAI 2015) / / edited by Ioannis Hatzilygeroudis, Vasile Palade, Jim Prentzas
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-46200-8
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XI, 147 p. 40 illus.)
	Collana	Intelligent Systems Reference Library, , 1868-4394 ; ; 116
	Disciplina	006.3
	Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	Real-Time Investors' Sentiment Analysis from Newspaper Article -- On the effect of adding nodes to TSP instances: An empirical analysis -- Comparing Algorithmic Principles for Fuzzy Graph Communities over Neo4j -- Difficulty estimation of exercises on tree-based search algorithms using neuro-fuzzy and neuro-symbolic approaches -- Generation and Nonlinear Mapping of Reducts - Nearest Neighbor Classification -- New quality indexes for optimal clustering model identification based on cross-domain approach -- A hybrid user and item based collaborative filtering approach by possibilistic similarity fusion -- .
	Sommario/riassunto	Complex problems usually cannot be solved by individual methods or techniques and require the synergism of more than one of them to be solved. This book presents a number of current efforts that use combinations of methods or techniques to solve complex problems in the areas of sentiment analysis, search in GIS, graph-based social networking, intelligent e-learning systems, data mining and recommendation systems. Most of them are connected with specific applications, whereas the rest are combinations based on principles.

Most of the chapters are extended versions of the corresponding papers presented in CIMA-15 Workshop, which took place in conjunction with IEEE ICTAI-15, in November 2015. The rest are invited papers that responded to special call for papers for the book. The book is addressed to researchers and practitioners from academia or industry, who are interested in using combined methods in solving complex problems in the above areas.