

1. Record Nr.	UNINA9910484713803321
Titolo	Intelligent Data Engineering and Automated Learning – IDEAL 2015 : 16th International Conference, Wroclaw, Poland, October 14-16, 2015, Proceedings / / edited by Konrad Jackowski, Robert Burduk, Krzysztof Walkowiak, Michal Wozniak, Hujun Yin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-24834-0
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XX, 560 p. 153 illus. in color.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 9375
Disciplina	005.74
Soggetti	Data mining Pattern recognition systems Artificial intelligence Algorithms Information storage and retrieval systems Computer science Data Mining and Knowledge Discovery Automated Pattern Recognition Artificial Intelligence Information Storage and Retrieval Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Evolutionary algorithms -- Neural networks -- Probabilistic modeling -- Swarm intelligent, multi-objective optimization, and practical applications in regression -- Classification -- Clustering.-Biological data processing -- Text processing -- Video analysis -- Computational intelligence for optimization of communication networks -- Discovering knowledge from data -- Simulation-driven DES-like modeling and performance evaluation -- Intelligent applications in real-world problems.

This book constitutes the refereed proceedings of the 16th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2015, held in Wroclaw, Poland, in October 2015. The 64 revised full papers presented were carefully reviewed and selected from 127 submissions. These papers provided a valuable collection of recent research outcomes in data engineering and automated learning, from methodologies, frameworks, and techniques to applications. In addition to various topics such as evolutionary algorithms, neural networks, probabilistic modeling, swarm intelligent, multi-objective optimization, and practical applications in regression, classification, clustering, biological data processing, text processing, video analysis, IDEAL 2015 also featured a number of special sessions on several emerging topics such as computational intelligence for optimization of communication networks, discovering knowledge from data, simulation-driven DES-like modeling and performance evaluation, and intelligent applications in real-world problems.

---