

1. Record Nr.	UNINA9910482461303321
Autore	Bernard of Trevisan
Titolo	Von der hermetischenn Philosophia, das ist, vom gebenedeiten Stain der Weisen ... ein Buch / Herren Bernhardi ... Item Dicta Alani, darinn alles hell und klar an Tag geben wirdt ... Jetz von newem widerumb mit fleiss corrigirt und ubersehen [[electronic resource]]
Pubbl/distr/stampa	Strasbourg, : Christian Müllers, Erben, 1582
Descrizione fisica	Online resource ([96] l. : t.p. in red & black , (8vo))
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in The Wellcome Library, London.
2. Record Nr.	UNINA9910150446303321
Autore	Herrera Francisco
Titolo	Multiple Instance Learning : Foundations and Algorithms / / by Francisco Herrera, Sebastián Ventura, Rafael Bello, Chris Cornelis, Amelia Zafra, Dánel Sánchez-Tarragó, Sarah Vluymans
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
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Descrizione fisica	1 online resource (XI, 233 p. 46 illus., 40 illus. in color.)
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Soggetti	Artificial intelligence Optical data processing Algorithms Artificial Intelligence Image Processing and Computer Vision Algorithm Analysis and Problem Complexity
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

Introduction -- Multiple Instance Learning -- Multi-Instance Classification -- Instance-Based Classification Methods -- Bag-Based Classification Methods -- Multi-Instance Regression -- Unsupervised Multiple Instance Learning -- Data Reduction -- Imbalance Multi-Instance Data -- Multiple Instance Multiple Label Learning.

Sommario/riassunto

This book provides a general overview of multiple instance learning (MIL), defining the framework and covering the central paradigms. The authors discuss the most important algorithms for MIL such as classification, regression and clustering. With a focus on classification, a taxonomy is set and the most relevant proposals are specified. Efficient algorithms are developed to discover relevant information when working with uncertainty. Key representative applications are included. This book carries out a study of the key related fields of distance metrics and alternative hypothesis. Chapters examine new and developing aspects of MIL such as data reduction for multi-instance problems and imbalanced MIL data. Class imbalance for multi-instance problems is defined at the bag level, a type of representation that utilizes ambiguity due to the fact that bag labels are available, but the labels of the individual instances are not defined. Additionally, multiple instance multiple label learning is explored. This learning framework introduces flexibility and ambiguity in the object representation providing a natural formulation for representing complicated objects. Thus, an object is represented by a bag of instances and is allowed to have associated multiple class labels simultaneously. This book is suitable for developers and engineers working to apply MIL techniques to solve a variety of real-world problems. It is also useful for researchers or students seeking a thorough overview of MIL literature, methods, and tools.