

1.	Record Nr.	UNINA990007921130403321
	Autore	Felice, Giulia
	Titolo	Dinamica strutturale e occupazione nei servizi / Giulia Felice
	Pubbl/distr/stampa	Trento : Università degli studi di Trento. Dipartimento di economia, 2003
	Descrizione fisica	48 p. ; 24 cm
	Collana	Discussion Papers / Dipartimento di Economia, Università degli studi di Trento ; 4
	Locazione	SE
	Collocazione	S Paper 39/03.04
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910780260003321
	Autore	Scholkopf Bernhard
	Titolo	Learning with kernels : support vector machines, regularization, optimization, and beyond / / Bernhard Scholkopf, Alexander J. Smola
	Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, ©2002
	ISBN	0-262-25693-2 0-585-47759-0
	Descrizione fisica	1 online resource (645 p.)
	Collana	Adaptive computation and machine learning
	Altri autori (Persone)	SmolaAlexander J
	Disciplina	006.3/1
	Soggetti	Machine learning Algorithms Kernel functions
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. [591]-616) and index.
	Nota di contenuto	Contents; Series Foreword; Preface; 1 - A Tutorial Introduction; I -

Concepts and Tools; 2 - Kernels; 3 - Risk and Loss Functions; 4 - Regularization; 5 - Elements of Statistical Learning Theory; 6 - Optimization; II - Support Vector Machines; 7 - Pattern Recognition; 8 - Single-Class Problems: Quantile Estimation and Novelty Detection; 9 - Regression Estimation; 10 - Implementation; 11 - Incorporating Invariances; 12 - Learning Theory Revisited; III - Kernel Methods; 13 - Designing Kernels; 14 - Kernel Feature Extraction; 15 - Kernel Fisher Discriminant; 16 - Bayesian Kernel Methods
17 - Regularized Principal Manifolds 18 - Pre-Images and Reduced Set Methods; A - Addenda; B - Mathematical Prerequisites; References; Index; Notation and Symbols

Sommario/riassunto

In the 1990s, a new type of learning algorithm was developed, based on results from statistical learning theory: the Support Vector Machine (SVM). This gave rise to a new class of theoretically elegant learning machines that use a central concept of SVMs -- kernels--for a number of learning tasks. Kernel machines provide a modular framework that can be adapted to different tasks and domains by the choice of the kernel function and the base algorithm. They are replacing neural networks in a variety of fields, including engineering, information retrieval, and bioinformatics. Learning with Kernels provides an introduction to SVMs and related kernel methods. Although the book begins with the basics, it also includes the latest research. It provides all of the concepts necessary to enable a reader equipped with some basic mathematical knowledge to enter the world of machine learning using theoretically well-founded yet easy-to-use kernel algorithms and to understand and apply the powerful algorithms that have been developed over the last few years.
