

1. Record Nr.	UNISA990000067940203316
Autore	HE, Christina Q.
Titolo	Generalized minkowski content, spectrum of fractal drums, fractal strings and the riemann zeta-function / Christina Q. He, Michel L. Lapidus
Pubbl/distr/stampa	Providence : The American mathematical society, 1997
ISBN	0-8218-0597-5
Descrizione fisica	VIII, 97 p. ; 25 cm
Collana	Memoirs of the American mathematical society ; 608
Altri autori (Persone)	LAPIDUS, Michel L.
Disciplina	515.353
Soggetti	Equazioni differenziali parziali - Soluzioni numeriche
Collocazione	515.353 HE
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910451557203321
Autore	Neuhaus Michel
Titolo	Bridging the gap between graph edit distance and kernel machines [[electronic resource] /] / Michel Neuhaus, Horst Bunke
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2007
ISBN	1-281-91905-5 9786611919054 981-277-020-8
Descrizione fisica	1 online resource (244 p.)
Collana	Series in machine perception and artificial intelligence ; ; v. 68
Altri autori (Persone)	BunkeHorst
Disciplina	003.52 003/.52 006.4
Soggetti	Pattern recognition systems Matching theory Machine learning Kernel functions Graph theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Extended and revised version of the first author's PhD thesis.
Nota di bibliografia	Includes bibliographical references (p. 221-230) and index.
Nota di contenuto	Preface; Contents; 1. Introduction; 2. Graph Matching; 2.1 Graph and Subgraph; 2.2 Exact Graph Matching; 2.3 Error-Tolerant Graph Matching; 3. Graph Edit Distance; 3.1 Definition; 3.2 Edit Cost Functions; 3.2.1 Conditions on Edit Costs; 3.2.2 Examples of Edit Costs; 3.3 Exact Algorithm; 3.4 Efficient Approximate Algorithm; 3.4.1 Algorithm; 3.4.2 Experimental Results; 3.5 Quadratic Programming Algorithm; 3.5.1 Algorithm; 3.5.1.1 Quadratic Programming; 3.5.1.2 Fuzzy Edit Path; 3.5.1.3 Quadratic Programming Edit Path Optimization; 3.5.2 Experimental Results; 3.6 Nearest-Neighbor Classification 3.7 An Application: Data-Level Fusion of Graphs 3.7.1 Fusion of Graphs; 3.7.2 Experimental Results; 4. Kernel Machines; 4.1 Learning Theory; 4.1.1 Empirical Risk Minimization; 4.1.2 Structural Risk Minimization; 4.2 Kernel Functions; 4.2.1 Valid Kernels; 4.2.2 Feature Space Embedding and Kernel Trick; 4.3 Kernel Machines; 4.3.1 Support

Vector Machine; 4.3.2 Kernel Principal Component Analysis; 4.3.3 Kernel Fisher Discriminant Analysis; 4.3.4 Using Non-Positive Definite Kernel Functions; 4.4 Nearest-Neighbor Classification Revisited; 5. Graph Kernels; 5.1 Kernel Machines for Graph Matching  
5.2 Related Work 5.3 Trivial Similarity Kernel from Edit Distance; 5.4 Kernel from Maximum-Similarity Edit Path; 5.5 Diffusion Kernel from Edit Distance; 5.6 Zero Graph Kernel from Edit Distance; 5.7 Convolution Edit Kernel; 5.8 Local Matching Kernel; 5.9 Random Walk Edit Kernel; 6. Experimental Results; 6.1 Line Drawing and Image Graph Data Sets; 6.1.1 Letter Line Drawing Graphs; 6.1.2 Image Graphs; 6.1.3 Diatom Graphs; 6.2 Fingerprint Graph Data Set; 6.2.1 Biometric Person Authentication; 6.2.2 Fingerprint Classification; 6.2.3 Fingerprint Graphs; 6.3 Molecule Graph Data Set  
6.4 Experimental Setup 6.5 Evaluation of Graph Edit Distance; 6.5.1 Letter Graphs; 6.5.2 Image Graphs; 6.5.3 Diatom Graphs; 6.5.4 Fingerprint Graphs; 6.5.5 Molecule Graphs; 6.6 Evaluation of Graph Kernels; 6.6.1 Trivial Similarity Kernel from Edit Distance; 6.6.2 Kernel from Maximum-Similarity Edit Path; 6.6.3 Diffusion Kernel from Edit Distance; 6.6.4 Zero Graph Kernel from Edit Distance; 6.6.5 Convolution Edit Kernel; 6.6.6 Local Matching Kernel; 6.6.7 Random Walk Edit Kernel; 6.7 Summary and Discussion; 7. Conclusions; Appendix A Graph Data Sets; A.1 Letter Data Set; A.2 Image Data Set A.3 Diatom Data Set A.4 Fingerprint Data Set; A.5 Molecule Data Set; Bibliography; Index

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## Sommario/riassunto

In graph-based structural pattern recognition, the idea is to transform patterns into graphs and perform the analysis and recognition of patterns in the graph domain - commonly referred to as graph matching. A large number of methods for graph matching have been proposed. Graph edit distance, for instance, defines the dissimilarity of two graphs by the amount of distortion that is needed to transform one graph into the other and is considered one of the most flexible methods for error-tolerant graph matching. This book focuses on graph kernel functions that are highly tolerant towards structural

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3. Record Nr.	UNISA996387108203316
Titolo	By the King, a proclamation [[electronic resource] ] : James the Seventh, by the grace of God, King ... Since Our accession to the throne ... Our chiefest care has been to procure the security, peace and happiness of Our subjects ... especially by removing the pressures of penal laws in matters of meer religion .
Pubbl/distr/stampa	[London], : Edinburgh, printed by the heir of Andrew Anderson ... and reprinted at London by George Croom ..., 1688
Descrizione fisica	1 sheet ([1] p.)
Altri autori (Persone)	James, King of England, <1633-1701.>
Soggetti	Liberty of conscience - Scotland Religious tolerance - Scotland Catholics - Civil rights - Scotland Broadside17th century.London (England) Scotland History 1660-1688
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Imperfect: faded, with loss of text. Enlargement upon the proclamations of religious toleration of 12 Feb. 1686 and 28 June 1687. "Given under Our Royal Hand and Signet at our Court at Whitehall the 7th day of May 1688. and of Our Reign the Fourth Year. By His Majesties Command, Melfort." "Edinburgh May 15, 1688. Present in Council: The Earl of Perth, Lord high Chancellor [and 16 other members of the Privy Council of Scotland]" Reproduction of original in the Guildhall Library (London, England).
Sommario/riassunto	eebo-0059