

1. Record Nr.	UNINA9910782286503321
Titolo	Internet-based intelligent information processing systems [[electronic resource] /] / editors R.J. Howlett ... [et al.]
Pubbl/distr/stampa	New Jersey ; ; London, : World Scientific, 2003
ISBN	1-281-93574-3 9786611935740 981-279-534-0
Descrizione fisica	1 online resource (442 p.)
Collana	Series on innovative intelligence ; ; v. 3
Altri autori (Persone)	HowlettRobert J. <1954->
Disciplina	006.3
Soggetti	Expert systems (Computer science) Intelligent agents (Computer software) Internet - Technological innovations Neural networks (Computer science) World Wide Web
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 and index.
Nota di contenuto	Contents ; Foreword ; Preface ; Chapter 1. A review of search and resource discovery techniques in peer-to-peer networks ; 1 Introduction ; 2 Search in peer-to-peer systems ; 3 Classification of distributed search methods ; 3.1 Content-agnostic search ; 3.2 Content-based search ; 3.3 Learning and self-organization strategies 4 JXTA search ; 5 A network of JXTA search hubs ; 5.1 Advertisement registration ; 5.2 Query resolution ; 5.3 Advantages of the JXTA search architecture network ; 6 Conclusion ; References Chapter 2. Adaptive content mapping for Internet navigation 1 Introduction ; 2 Standard information retrieval methods ; 2.1 Keyword search ; 2.2 Recall enhancers ; 2.3 Using meta information ; 2.4 Classification

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models		
2.7 Similarity measures	3 Adaptive content mapping	
; 3.1 Automatic classification by clustering		
; 3.2 Adaptive hierarchical classification		
3.3 Local adaptation	; 4 Intuitive navigation	
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1 A concise introduction to XML		

Sommario/riassunto

The Internet/WWW has made it possible to easily access quantities of information never available before. However, both the amount of information and the variation in quality pose obstacles to the efficient use of the medium. Artificial intelligence techniques can be useful tools in this context. Intelligent systems can be applied to searching the Internet and data-mining, interpreting Internet-derived material, the human-Web interface, remote condition monitoring and many other areas. This volume presents the latest research on the interaction between intelligent systems (neural networks, ad
