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Nota di contenuto	From the Contents: Media, Information Overload, and Information Science -- Information Retrieval for Heterogeneous Knowledge Sources based on Multi-Agent Systems -- Interactive Information Search in Text Data Collections -- Homepages Identification and Information Extraction in Researcher Profiling -- On Digitalizing the Geographical Dictionary of Polish Kingdom Published in 1880 -- Semantic Data Sharing and Presentation in Integrated Knowledge System -- Long- term Preservation Services as a Key Element of the Digital Libraries Infrastructure -- Development of a University Knowledge Base -- Infrastructural Approach to Modern Digital Library and Repository Management Systems.
Sommario/riassunto	This book is a selection of results obtained within two years of research per- formed under SYNAT - a nation-wide scientific project aiming at creating an infrastructure for scientific content storage and sharing for academia, education and open knowledge society in Poland. The selection refers to the research in artificial intelligence, knowledge

discovery and data mining, information retrieval and natural language processing, addressing the problems of implementing intelligent tools for building a scientific information platform. This book is a continuation and extension of the ideas presented in “Intelligent Tools for Building a Scientific Information Platform” published as volume 390 in the same series in 2012. It is based on the SYNAT 2012 Workshop held in Warsaw. The papers included in this volume present an overview and insight into information retrieval, repository systems, text processing, ontology-based systems, text mining, multimedia data processing and advanced software engineering. .
