# Web Semantics for Textual and Visual Information Retrieval
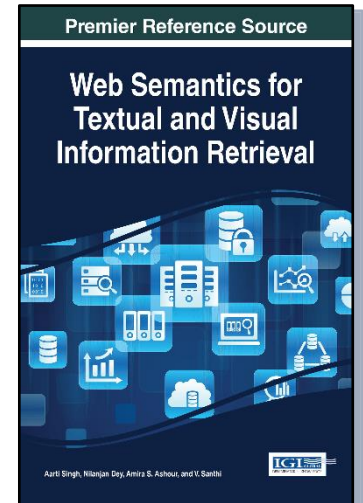
Part of the Advances in Data Mining and Database Management Book Series

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## Description:

Modern society exists in a digital era in which high volumes of multimedia information exists. To optimize the management of this data, new methods are emerging for more efficient information retrieval.

**Web Semantics for Textual and Visual Information Retrieval** is a pivotal reference source for the latest academic research on embedding and associating semantics with multimedia information to improve data retrieval techniques. Highlighting a range of pertinent topics such as automation, knowledge discovery, and social networking, this book is ideally designed for researchers, practitioners, students, and professionals interested in emerging trends in information retrieval.

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## Topics Covered:

- Automation
- Big Data
- Biological Resources
- Educational Applications
- Knowledge Discovery
- Machine Translation
- Social Networking

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**E-Book:** $185.00

**Hardcover + E-Book:** $220.00

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**Aarti Singh** is an Associate Professor, Maharishi Markendeshwar Institute of Computer Technology and Business Management, M.M. University, Mullana, Ambala since September 2011. Thirteen years of experience in teaching M.Sc. and MCA courses. Subjects of Interest are Agent Technology, Programming Languages, Data Structures, Operating Systems and Semantic Web technology. Owe the credit of 60 published research papers and one editorial article. Recipient of Best Paper award in IEEE Conference (ACE'10). Presented paper in IEEE conference CSAE'11, held in Shanghai (China) in June 2011. Presented paper in IEEE international conference RAICS'13 held in Trivandrum, Kerala, India on 19-21 December 2013. Presented paper at Springer conference INDIA'2016 held in Vishakhapatnam. Branch counselor of MMICTBM student branch of IEEE from September 2013 to December 2014. Guided Six M.Phil. Dissertation in Computer Science, One Ph.D. scholar has already submitted her dissertation. Presently guiding 01 M.Phil. and 05 Ph.D. scholars. Two patents have been filed in India in 2014 & 2015.

**Nilanjan Dey, PhD.**, is an Asst. Professor in the Department of Information Technology in Techno India College of Technology, Rajarhat, Kolkata, India. He holds an honorary position of Visiting Scientist at Global Biomedical Technologies Inc., CA, USA and Research Scientist of Laboratory of Applied Mathematical Modeling in Human Physiology, Territorial Organization Of- Sgientifig And Engineering Unions, BULGARIA, Associate Researcher of Laboratoire RIADI, University of Manouba, TUNISIA. He is the Editor-in-Chief of International Journal of Ambient Computing and Intelligence (IGI Global), US, International Journal of Rough Sets and Data Analysis (IGI Global), US, Series Editor of Advances in Geospatial Technologies (AGT) Book Series, (IGI Global), US, Executive Editor of International Journal of Image Mining (IJIM), Inderscience, Regional Editor-Asia of International Journal of Intelligent Engineering Informatics (IJIEI), Inderscience and Associated Editor of International Journal of Service Science, Management, Engineering, and Technology, IGI Global. He has 15 books and 200 international conferences and journal papers. https://www.researchgate.net/profile/Nilanjan_Dey3.

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