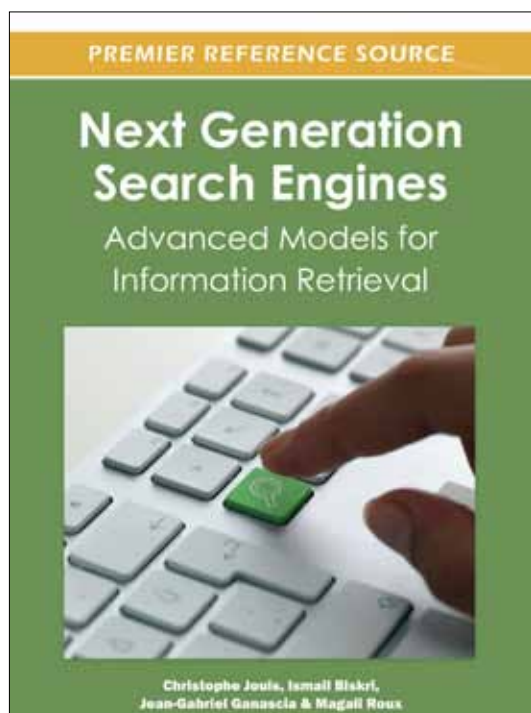


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Next Generation Search Engines: Advanced Models for Information Retrieval



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Recent technological progress in computer science, Web technologies, and the constantly evolving information available on the Internet has drastically changed the landscape of search and access to information. Current search engines employ advanced techniques involving machine learning, social networks, and semantic analysis.

Next Generation Search Engines: Advanced Models for Information Retrieval is intended for scientists and decision-makers who wish to gain working knowledge about search in order to evaluate available solutions and to dialogue with software and data providers. The book aims to provide readers with a better idea of the new trends in applied research.

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Christophe Jouis is assistant professor at the University Paris Sorbonne Nouvelle, France. He received a Ph.D. in Applied Mathematics at the “Ecole des Hautes Etudes en Sciences Sociales” (EHESS); and CAMS (“Centre d’Analyse et de Mathématiques Sociales”), OPTON: Science, Logic, Linguistics. From 2000 to 2004 he was associate professor in the Department of Computer Science at the University of Quebec at Trois-Rivieres (Canada), under the direction of Professor Ismail Biskri. In 2005, he joined the LIP6 (“Laboratoire d’Informatique de Paris 6”), affiliated with the University Pierre et Marie Curie (UMPC) and the CNRS (France). Within the LIP6, he is currently a member of the research team ACASA (“Cognitive Agents and Automated Symbolic Learning”), led by Professor Jean-Gabriel Ganascia. His research interests are in natural language processing (NLP), cognitive sciences, ontology, typicality, data mining and information retrieval.



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