



Interactive Information Seeking, Behaviour and Retrieval

Ian Ruthven, Diane Kelly

List price £59.95

Product Details

Format: Paperback

ISBN: 9781856047074

Published: 23rd Aug 2011

Publisher: Facet Publishing

Dimensions: 233mm x 157mm x 18mmmm

Description

Information retrieval (IR) is a complex human activity supported by sophisticated systems. Information science has contributed much to the design and evaluation of previous generations of IR system development and to our general understanding of how such systems should be designed and yet, due to the increasing success and diversity of IR systems, many recent textbooks concentrate on IR systems themselves and ignore the human side of searching for information. This book is the first text to provide an information science perspective on IR. Unique in its scope, the book covers the whole spectrum of information retrieval, including: - history and background - information behaviour and seeking - task-based information searching and retrieval - approaches to investigating information interaction and - behaviour - information representation - access models - evaluation - interfaces for IR - interactive techniques - web retrieval, ranking and personalization - recommendation, collaboration and social search - multimedia: interfaces and access. Readership: Senior undergraduates and masters' level students of all information and library studies courses and practising LIS professionals who need to better appreciate how IR systems are designed, implemented and evaluated.

Contents

Foreword - Tefko Saracevic
 1. Interactive information retrieval: history and background - Colleen Cool and Nicholas J. Belkin
 2. Information behavior and seeking - Peiling Wang
 3. Task-based information searching and retrieval - Elaine G. Toms
 4. Approaches to investigating information interaction and behaviour - Raya Fidel
 5. Information representation - Mark D. Smucker
 6. Access models - Edie Rasmussen
 7. Evaluation - Kalervo Järvelin
 8. Interfaces for information retrieval - Max Wilson
 9. Interactive techniques - Ryan W. White
 10. Web retrieval, ranking and personalization - Jaime Teevan and Susan Dumais
 11. Recommendation, collaboration and social search - David M. Nichols and Michael B. Twidale
 12. Multimedia: behaviour, interfaces and interaction - Haiming Liu, Suzanne Little and Stefan Rüter
 13. Multimedia: information representation

and access - Suzanne Little, Evan Brown and Stefan R ger.

Author

Ian Ruthven is Professor of Information Seeking and Retrieval, Department of Computer and Information Science, University of Strathclyde.

Diane Kelly is Assistant Professor, School of Information and Library Science, University of North Carolina.