

Sung Hyon Myaeng Ming Zhou
Kam-Fai Wong Hong-Jiang Zhang (Eds.)

Information Retrieval Technology

Asia Information Retrieval Symposium, AIRS 2004
Beijing, China, October 18-20, 2004
Revised Selected Papers

 Springer

Table of Contents

Information Organization

Automatic Word Clustering for Text Categorization Using Global Information <i>Wenliang Chen, Xingzhi Chang, Huizhen Wang, Jingbo Zhu, Tianshun Yao</i>	1
Text Classification Using Web Corpora and EM Algorithms <i>Chen-Ming Hung, Lee-Feng Chien</i>	12
Applying CLIR Techniques to Event Tracking <i>Nianli Ma, Yiming Yang, Monica Rogati</i>	24
Document Clustering Using Linear Partitioning Hyperplanes and Reallocation <i>Canasai Kruengkrai, Virach Sornlertlamvanich, Hitoshi Isahara</i>	36

Automatic Summarization

Summary Generation Centered on Important Words <i>Dongli Han, Takashi Noguchi, Tomokazu Yago, Minoru Harada</i>	48
Sentence Compression Learned by News Headline for Displaying in Small Device <i>Kong Joo Lee, Jae-Hoon Kim</i>	61
Automatic Text Summarization Using Two-Step Sentence Extraction <i>Wooncheol Jung, Youngjoong Ko, Jungyun Seo</i>	71
Sentence Extraction Using Time Features in Multi-document Summarization <i>Jung-Min Lim, In-Su Kang, Jae-Hak J. Bae, Jong-Hyeok Lee</i>	82

Alignment/Paraphrasing in IR

Extracting Paraphrases of Japanese Action Word of Sentence Ending Part from Web and Mobile News Articles <i>Hiroshi Nakagawa, Hidetaka Masuda</i>	94
--	----

Improving Transliteration with Precise Alignment of Phoneme Chunks and Using Contextual Features <i>Wei Gao, Kam-Fai Wong, Wai Lam</i>	106
Combining Sentence Length with Location Information to Align Monolingual Parallel Texts <i>Weigang Li, Ting Liu, Sheng Li</i>	118
Web Search	
Effective Topic Distillation with Key Resource Pre-selection <i>Yiqun Liu, Min Zhang, Shaoping Ma</i>	129
Efficient PageRank with Same Out-Link Groups <i>Yizhou Lu, Xuezheng Liu, Hua Li, Benyu Zhang, Wensi Xi, Zheng Chen, Shuicheng Yan, Wei-Ying Ma</i>	141
Literal-Matching-Biased Link Analysis <i>Yinghui Xu, Kyoji Umemura</i>	153
Linguistic Issues in IR	
Multilingual Relevant Sentence Detection Using Reference Corpus <i>Ming-Hung Hsu, Ming-Feng Tsai, Hsin-Hsi Chen</i>	165
A Bootstrapping Approach for Geographic Named Entity Annotation <i>Seungwoo Lee, Gary Geunbae Lee</i>	178
Using Verb Dependency Matching in a Reading Comprehension System <i>Kui Xu, Helen Meng</i>	190
Document/Query Models	
Sense Matrix Model and Discrete Cosine Transform <i>Bing Swen</i>	202
Query Model Estimations for Relevance Feedback in Language Modeling Approach <i>Seung-Hoon Na, In-Su Kang, Kyonghi Moon, Jong-Hyeok Lee</i>	215
A Measure Based on Optimal Matching in Graph Theory for Document Similarity <i>Xiaojun Wan, Yuxin Peng</i>	227

Estimation of Query Model from Parsimonious Translation Model <i>Seung-Hoon Na, In-Su Kang, Sin-Jae Kang, Jong-Hyeok Lee</i>	239
Enabling Technology	
Ranking the NTCIR Systems Based on Multigrade Relevance <i>Tetsuya Sakai</i>	251
X-IOTA: An Open XML Framework for IR Experimentation <i>Jean-Pierre Chevallet</i>	263
Recognition-Based Digitalization of Korean Historical Archives <i>Min Soo Kim, Sungho Ryu, Kyu Tae Cho, Taik Heon Rhee, Hyun Il Choi, Jin Hyung Kim</i>	281
On Bit-Parallel Processing of Multi-byte Text <i>Heikki Hyvrö, Jun Takaba, Ayumi Shinohara, Masayuki Takeda</i>	289
Mobile Applications	
Retrieving Regional Information from Web by Contents Localness and User Location <i>Qiang Ma, Katsumi Tanaka</i>	301
Towards Understanding the Functions of Web Element <i>Xinyi Yin, Wee Sun Lee</i>	313
Clustering-Based-Navigation of Image Search Results on Mobile Devices <i>Hao Liu, Xing Xie, Xiaou Tang, Wei-Ying Ma</i>	325
Author Index	337