

Table of Contents

Data Management Systems

OLAP-Based Data Mining for Business Intelligence Applications in Telecommunications and E-commerce	1
<i>Qiming Chen, Umeshwar Dayal, Meichun Hsu</i>	
Web Log Mining and Parallel SQL Based Execution	20
<i>Masaru Kitsuregawa, Takahiko Shintani, Takeshi Yoshizawa, Iko Pramudiono</i>	
Data Providers — A Language Experiment	33
<i>John L. Pfaltz</i>	
JAVA Wrappers for Automated Interoperability	45
<i>Ngom Cheng, Valdis Berzins, Luqi, Swapan Bhattacharya</i>	
Issues in Securing GIS Data	65
<i>Pramod Chandra P. Bhatt</i>	
Semantic Conflicts and Solutions in Fuzzy Multidatabase Systems	80
<i>Zongmin M. Ma, Wenjun J. Zhang, Weiyin Y. Ma</i>	

Database Systems : Storage and Retrieval

The Web Is the Database	91
<i>Jayant R. Haritsa</i>	
View Maintenance and Analytical Processing at Data Warehouses	107
<i>Divyakant Agrawal, Amr El Abbadi</i>	
A Design of Parallel R-tree on Cluster of Workstations	119
<i>Shuhua Lai, Fenghua Zhu, Yongqiang Sun</i>	
Graphical Interface for Design of Geometric Data Structures	134
<i>Takashi Hibi, Alexander Pasko</i>	
Similarity-Based Queries for Information Retrieval	148
<i>Ana Isabel Aguilera, Alberto Rafael Subero, Leonid José Tineo</i>	
K-DIME: An Adaptive System to Retrieve Images from the WEB Using Subjective Criteria	157
<i>Nadia Bianchi-Berthouze, Toshikazu Kato</i>	

Networked Information Systems : Implementation

Dissemination of Dynamic Data on the Internet 173
*Krithi Ramamritham, Pavan Deolasee, Amol Katkar,
Ankur Panchbudhe, Prashant Shenoy*

Information Retrieval Method
for Frequently Updated Information System 188
*Nobuyoshi Sato, Takashi Yamamoto, Yoshihiro Nishida,
Minoru Uehara, Hideki Mori*

Blocking Reduction in Two-Phase Commit Protocol
with Multiple Backup Sites 200
P. Krishna Reddy, Masaru Kitsuregawa

Inter-agent Cooperation Supported by XML and CORBA
in Heterogeneous Information Systems 216
*Nacereddine Zarour, Mahmoud Boufaïda, Lionel Seinturier,
Pascal Estrailhier*

Simulation Study on Load Balanced Multiple Home Agents
for Mobile IP Networks 228
Adrian Vasilache, Jie Li, Hisao Kameda

Author Index 247