

Contents

Editorial

i

Research

Energy-Efficient Multiple-Metric Data Delivery for Wireless Sensor Networks-
Khaled Daabaj

47

Resource Management for IP Telephony Networks by Integrating a Mediator
Between the Heterogeneous Data Sources-
Mohammed Fethi Khalfi, Malika Kandouci

57

Toward Reducing Data Cubes-
Sami Naouali

68

An Approach for Acquiring Domain Knowledge During the Case Based Reasoning:
the System FrakaS-DL-
Hioual Ouided, Laskri Mohamed Tayeb

72

An Architecture for Semi-Automatic Ontology Merging System-
Siham Amrouch, Sihem Mostefai

79

Book Review

87

Conference Notification

88

- Seventh International Conference on Digital Information Management (ICDIM 2012)
- The Second International Conference on Innovative Computing Technology (INTECH 2012)
- The First International Conference on Future Generation Communication Technologies (FGCT 2012)

Editorial

The Data Delivery is an important constituent part of data processing which now uses many technologies to provide the real-time distribution of various kinds of data. It performs translation requests using innovative technology developed from many platforms. In the opening paper, Khaled Daabaj has proposed a scheme which achieves moderate energy consumption and high packet delivery ratio. In the next paper, Mohammed Fethi Khalfi and Malika Kandouci have worked on the management of heterogeneous data sources. In the next paper, Sami Naouali has presented an approach toward reducing multidimensional data in a data warehouse and giving the analyst more facilities when querying data cubes.

Hioual Ouided and Laskri Mohamed Tayeb have used description logic to acquire domain knowledge-based adaptation system failures in their paper. In the last paper the semantic similarity between concepts is measured by Siham Amrouch and Sihem Mostefai.

In the forthcoming issues, we would present more innovative papers with increasing size.

Editors