Contents

Research

• The Second International Conference on Future Generation Communication Technologies
 (FGCT 2013)

• The Fifth International Conference on the Applications of Digital Information and Web Technologies
 (ICADIWT)

Editorial

We present in this issue some interesting papers. In the first paper the author has studied the B Tree indexing for database management systems. *Ibrahim Jaluta* in his paper on **"Adaptive Replica-Management and Concurrency-Control Protocols for Page-Server DBMS"**, has proposed an adaptive concurrency-control protocol, adaptive replica-management protocol, and Blink-tree index algorithms, where the degree of concurrency in the page-server system is increased.

To classify the web pages, the author *Chaker Jebari* in his paper **'A New Weighting Technique for a URL-based Genre Classification of Web Pages'** used character n-grams extracted from the URL of the web page for web pages classification which is a departure from the traditional way of using the textual content. The experimental results have produced encouraging results, the author claims.

Mustafa AL-Barmawi and *Nurul Malim* in their paper on **'The Acceleration of Chemnoinformatics Similarity Fusion on Multicore and GPU Platforms'** have studied the Molecular similarity searching. They have used enhanced Tiling Algorithm and then the parallelization of Similarity Fusion on the Multicore and General Purposes Graphical Processing Unit. They viewed that the Multicore processing provides better results.

The papers published in this issue are highly elegant and offer more technical depth-ness.

Editors