Editorial

We bring the fourth issue of the **Journal of Digital Information Management** with the below listed papers.

In the first paper on **"Design of Access Control System for Hangul document System"** the author *Seung Ju Jang* studied the Hangul document system which is the Korean word processing application. The author has developed the access control system for the Hangul document management system. By securing the function of a specific field in Hangul document header information the system is developed and evaluated.

Safa Brahmia, Zouhaier Brahmia, Fabio Grandi and Rafik Bouaziz in the second paper on **"Temporal JSON Schema Versioning in the TJSchema Framework"** extended the TJSchema framework for the NoSQL database, The proposed framework tries to offer a solution to evolving a JSON schema. An illustration is presented to study the feasibility of the proposed framework.

Neven Matas, Sanda Martincic-Ipšic and *Ana Meštrovic* in their paper on **"Comparing Network Centrality Measures as Tools for Identifying Key Concepts in Complex Networks: A Case of Wikipedia"** have proposed an ideal method to find the centrality measure for detecting key concepts in a semantic or linguistic network. They have used the original Wikipedia hyperlink network for evaluation. The authors have found that the used measures have good potential for identifying key terms, and that degree centrality achieves the best score.

In the next paper on **"An improved K-means algorithm application in evaluating interactive mechanism of airline industry ecosystem stability"** the author *Qing Liu* has proposed a a stochastic selection method for clustering centers initialization in data management. The performance analysis result shown that technological innovation is the source of system stability, and it is the key link to the stability of the industrial ecosystem.

In the last paper on **"Research on the Building of Emotion Metaphor Corpus Based On Machine Translation"** the author *Xiaona Jiang* built an English and Chinese bilingual corpus to study the emotion metaphors in the natural language. The author has used machine translation experiment to test the emotion metaphor corpus built in this thesis, The authors found that the proposed emotion metaphors used in the study is able to express emotion metaphor in machine translation.

The papers published in this issue marked technical and methodological elegance and denote a high degree of innovations and novelty.

Editors