

Editorial

We are pleased to release the fourth issue of this volume in the **Journal of Digital Information Management**. This issue is characterized by the following described technical research.

Bag-of-features is well conceived in the digital image classification, but still it has many shortcomings. These are addressed by the authors in their first paper on “**A novel digital image classification algorithm via low-rank sparse bag-off features Model**” who decomposed the local features and presented a novel framework for BoF on the basis of low-rank and sparse matrix decomposition to obtain a more robust and discriminative digital image classification.

In the second paper on “**Algorithm for Coding Unit Partition in 3D Animation Using High Efficiency Video Coding Based on Canny Operator Segment**” the authors *ZHAO Hong, LI Jing-Bo* and *ZENG Xiang-Yan* proposed a fast algorithm for CU partition, which was based on the texture features of the 3D models, in the high efficiency video coding. Their model is able to ensure the practical utility of the proposed algorithm and its excellent performance in improving coding time.

ZHANG Ya-Rui and *MA Ding* in the next paper on “**Modeling the evolution of collaboration network and knowledge network and their effects on knowledge flow through social network analysis**” to identify the knowledge flow in collaboration network and knowledge network, has deployed a database of nanometer photoelectron patents taken out by China at the State Intellectual Property Office over the period 2000 to 2015, and analyzed the evolution of these two networks in terms of network typology, node centrality and core-periphery structure. The model has thus offered a viable method of knowledge flow identification based on the joint investigation of knowledge network and collaboration network

In the next paper on “**New Clustering Algorithm for Multidimensional Data**” the authors *Linyuan Fan* and *Jingyang Zhong* have developed and tested a new similarity calculation index to improve the accuracy of multidimensional data clustering.

In the last paper on “**The use of the streaming data transmission from a Web browser to enhance the work efficiency of the contact center operators**” the author *Anton Pavlovich Teykhrib* has proposed a new scenario for the use of streaming technology to provide context about the user.

We will come out with more research in the next issue.

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