
Journal of Information & Systems Management Volume 8 Number 2 June 2018

Contents

Editorial	i
Research	
Development of Conceptual Modeling Method to Solve the Tasks of Computer-Aided Design of Difficult Technical Complexes on the Basis of Category Theory -	
Anatoly Grigorevich Korobeynikov, Michael Evgenevich Fedosovsky, Olga Vadimovna Baranova Andrey Vladimirovich Gurjanov, Igor Olegovich Zharinov, Anatoly Vladimirovich Shukalov	45
A Nonlinear Mapping Method: From Customer Requirements to Digital Product Information for E-business -	
Feng Qi, Zhifang Liu	55
Analysis Social Commerce Implementation Mental Modelling in Iran -	
Seid Hessam-al din Hedayatzadeh	63
Book Review	78
Conference Notification	79
• The Ninth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2018)	
• Eighth International Conference on Innovative Computing Technology INTECH 2018	

Editorial

We present the second issue of the journal with the below listed research papers.

Anatoly Grigorevich Korobeynikov and his colleagues in the first paper on "**Development of Conceptual Modeling Method to Solve the Tasks of Computer-Aided Design of Difficult Technical Complexes on the Basis of Category Theory**" viewed that the computer-aided design (CAD), with the automation of difficult technical complexes (DTC) helps improve efficiency, quality and reliability. Ultimately they applied the DTC development technologies in the computer aided design. They found that the construction of the category theory enabled clear and compact formalization of DTC CAD task.

In the second paper on "**A Nonlinear Mapping Method: From Customer Requirements to Digital Product Information for E-business**" the authors *Feng Qi* and *Zhifang Liu* have proposed a model based Neural Network studied the fuzzy customer requirements. The proposed method is applied to gearbox design of enterprise, which have greatly shortened design cycle of no-standard digital product in digital product series.

Seid Hessam-aldin Hedayatzadeh in the last paper on "**Analysis Social Commerce Implementation Mental Modelling in Iran**" investigated the success factors in implementing social commerce under the paradigm of pragmatism at the micro level which was done by two methods, "inductive and deductive". Using structural equation modelling they found that all factors were associated with the implementation of social commerce at a confidence level of 55% so that "technical infrastructure and equipment" and "style of management and business" are the highest and lowest impact on the mental model of social commerce implementation according to the process of formation of social commerce.

Hope the published papers are interesting.

Editors