

Search Summary

Query : (((("International Conference on Electronic Business" 2009) WN ALL)) AND ((2009) WN YR))

Type : Expert

Results : 150

Database(s) : Compendex & Inspec

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1. Examining the antecedents of repurchase intention in convenience stores: A perspective of expectation-disconfirmation theory

Accession number: 20130716022223

Authors: Li, Eldon Y. (1); Hsiao, Jerry Cheng-Chieh (2); Yang, Jean Ai-Jun (1); Yen, Hsiu Ju Rebecca (3)

Author affiliation: (1) Department of Information Management, National Chengchi University, Taiwan; (2) Department of Business Administration, National Chengchi University, Taiwan; (3) Institute of Service Science, National Tsing Hua University, Taiwan

Corresponding author: Li, E.Y.(eli@nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The density of convenience stores in Taiwan is the highest in the world. In a convenience store context, this study attempts to examine the relationship between service quality, customer satisfaction and repurchase intention, as well as the impact of customer familiarity with employees on customer satisfaction and repurchase intention. The result indicated that expectation had direct effect on service quality. The result also showed that service quality was positively related to disconfirmation. As expected, there were interrelationships among service quality, satisfaction, and repurchase intention. Moreover, customer familiarity with employees had positive, direct influence on both satisfaction and repurchase intentions.

Main heading: Customer satisfaction

Controlled terms: Electronic commerce - Electronics industry - Personnel - Quality of service - Sales

Uncontrolled terms: Convenience stores - Expectation disconfirmation theory - Repurchase intention - Service Quality

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Database: Compendex

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Data Provider: Engineering Village

2. The research of online service recovery based on Kano's model

Accession number: 20130716022131

Authors: Chen, Ling-Hsiu (1); Wu, Tzu-Hsien (1)

Author affiliation: (1) Department of Information Management, Chaoyang University of Technology, Taiwan

Corresponding author: Chen, L.-H.(ling@cuyt.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 233-242

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: To identify customer requirements regarding e-retailing service failures, this study applied Kano's model to sort the e-retailing compensation elements into various categories for identifying the key elements, maximizing customer satisfaction and minimizing customer dissatisfaction based on investigation of the sample of 167 e-retailing customers. The result indicates that a psychological compensation is the basic requirement of e-retailing customer and a refund can improve customer satisfaction when any service failure is occurred. Moreover, an economic compensation is indifferent for a dissatisfied customer. The result can help the e-retailer to understand what different compensations would have diverse effects on customers and provide effective guidelines to reduce customer's dissatisfaction caused by the service failure.

Number of references: 35

Main heading: Customer satisfaction

Controlled terms: Electronic commerce - Electronics industry - Sales

Uncontrolled terms: Customer dissatisfaction - Customer requirements - Economic compensation - Kano's model - On-line service - Online retailing - Service failure - Service recoveries

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

3. Approximate common knowledge based on uncertain measure

Accession number: 20130716022237

Authors: Wang, Cheng (1); Tang, Wansheng (1); Zhao, Ruiqing (1)

Author affiliation: (1) Institute of Systems Engineering, Tianjin University, Tianjin 300072, China

Corresponding author: Tang, W.(tang@tju.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 1106-1113

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper studies that how an uncertain event can be outlined as an approximate common knowledge. By replacing "know" with "know with certainty #" in standard definitions of common knowledge, approximate common knowledge with some certainty, defined iteratively and mutually, iteratively known and mutually known with some certainty, are explored. Examples are constructed to show that an event which is not common knowledge can be analyzed as an approximate common knowledge with some certainty. An application in the principal-agent model is investigated to show that approximate common knowledge based on uncertain measure can be applied to improve the behavior of an economic model.

Number of references: 12

Main heading: Uncertainty analysis

Controlled terms: Electronic commerce - Electronics industry - Iterative methods - Knowledge based systems

Uncontrolled terms: Common knowledge - Iteratively known - Mutually known - Principal agent models - Uncertain events - Uncertain measures

Classification code: 723.4.1 Expert Systems

Expert Systems

- 723.5 Computer Applications

Computer Applications

- 921.6 Numerical Methods

Numerical Methods

- 922.1 Probability Theory

Probability Theory

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

4. Problem solving evolutionary method for ontology knowledge representation with Protégé-2000

Accession number: 20130716022181

Authors: Yao, Zhong (1); Chen, Xiaoxi (1)

Author affiliation: (1) School of Economics and Management, BeiHang University, Beijing, China

Corresponding author: Yao, Z.(iszhyao@buaa.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 641-647

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper studies the knowledge representation with ontology method in the Protégé 2000 system. We first analyzed the various ontological methods for knowledge representation. Then we described the OWL method used in Protégé 2000 for knowledge representation. We proposed the new method named problem-solving evolutionary method (PSEM) for knowledge representation in which it is based the OWL of Protégé 2000. Then we design the interface between the Racer inference engine and the Protégé 2000. Based on the interface built, we can use the Racer inferring engine to reasoning the knowledge. We use the PSEM to experiment the professional domain knowledge of MIS in which it is based undergraduate level. Experiments have shown that PSEM based on the Protégé 2000 is able to represent some domain knowledge well and built knowledge with OWL can be inferred by the Racer.

Number of references: 11

Main heading: Knowledge representation

Controlled terms: Birds - Electronic commerce - Electronics industry - Engines - Ontology

Uncontrolled terms: Domain knowledge - Evolutionary method - Racer

Classification code: 723.4 Artificial Intelligence

Artificial Intelligence

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

5. Analysis of mainland China's international air cargo network: Status quo and challenges

Accession number: 20130716022206

Authors: Fang, Weiguo (1); Wan, Ying (1); Gao, Ying (1)

Author affiliation: (1) School of Economics and Management, Beihang University, Beijing 100191, China

Corresponding author: Fang, W.(wgfang@buaa.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 838-845

Language: English

ISSN: 16830040

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Based on air cargo import and export statistics of China Customs, the international air cargo network structure and its flow characteristics in mainland China were studied in this paper. Overall development trends and flow distribution of international air cargo in mainland China were analysed. The major air cargo import and export countries (regions), the main categories of commodities, and the major customs and hub airports were identified. Through our study, a relatively complete view of international air cargo network in mainland China was constructed, in which the major flight routes linking destinations and sources of international air cargo as well as the categories and amounts of air cargo could be revealed. This paper also includes challenges to the further development of mainland China's international air cargo, and proposals to meet these challenges.

Number of references: 11

Main heading: Electronics industry

Controlled terms: Electronic commerce - Logistics

Uncontrolled terms: Air cargo - Air freights - Development trends - Flow characteristics - Flow distribution - Import and exports - Mainland china's - Network structures

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

6. Intensifying patient flow management by using data mining methods

Accession number: 20130716022104

Authors: Paavilainen, Jouni (1); Myllärniemi, Jussi (1); Väisänen, Jaani (1)

Author affiliation: (1) Department of Business Information Management and Logistics, Tampere University of Technology, Finland

Corresponding author: Paavilainen, J.(jouni.paavilainen@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 17-24

Language: English

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Health care organizations need means to process the patient flow-related data into meaningful information in order to understand and manage complex patient flow networks. In this paper we present a theoretical framework of the patient flow management process and examine how this process could be intensified with the help of data mining methodology. Based on the empirical findings in a case organization, a Finnish special care hospital, the potential of suitable data mining methods, like sequence analysis, is evident. Using the data mining methodology, huge amounts of data could be processed into relevant and reliable information to support decision-making. As a result, the overall quality and effectiveness of the patient flow network would be improved.

Number of references: 17

Main heading: Data mining

Controlled terms: Decision making - Electronic commerce - Electronics industry - Health care - Information management

Uncontrolled terms: Data mining methods - Empirical findings - Finnish - Healthcare organizations - Overall quality - Patient flow - Sequence analysis - Theoretical framework

Classification code: 461.7 Health Care

Health Care

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

7. Formation and operation of a blogging community: A structural perspective

Accession number: 20130716022233

Authors: Wong, Siew Fan (1)

Author affiliation: (1) Faculty of Information and Communication Technology, Universiti Tunku Abdul Rahman, Malaysia

Corresponding author: Wong, S.F.(wongsf@utar.edu.my)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Document type: Conference article (CA)

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Blogging is popular. It has emerged as a formidable phenomenon that not only draws massive daily following but also shifts the paradigm of human interaction. As a new communication genre, blogging has no specific governing bodies to manage the entity. This raises interesting questions on how is a blogging community being formed and how does it function. Founded on Structuration Theory, this paper applies the concepts of structure and agency as well as signification, legitimation, and domination to explain the formation and operation of a blogging community. The framework is valuable in serving as the basis for understanding how rules and practices are produced and reproduced to govern smooth functioning and operation of a virtual blogging community.

Number of references: 13

Main heading: Blogs

Controlled terms: Electronic commerce - Electronics industry - Social networking (online) - Structure (composition)

Uncontrolled terms: Blogging - Blogging communities - Duality - Governing bodies - Human interactions - It functions - Structuration Theory

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 951 Materials Science

Materials Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

8. Knowledge creation and organizational performance: An organizational agility perspective

Accession number: 20130716022188

Authors: Chung, T. Rachel (1); Liang, Ting-Peng (2); Peng, Chih-Hung (3); Chen, Deng-Neng (2)

Author affiliation: (1) 249 Mervis Hall, Katz Graduate School of Business, University of Pittsburgh, Pittsburgh, PA, United States; (2) 15260 National Sun Yat-Sen University, Kaohsiung, Taiwan; (3) City University of Hong Kong, Hong Kong

Corresponding author: Chung, T.R.(tchung@katz.pitt.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 697-700

Language: English

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Document type: Conference article (CA)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper is an extended summary of a research that examines the role of organizational agility as a mediator between knowledge creation processes and organizational performance. The moderating role of two knowledge characteristics, tacitness and institutionalization, in the mediation processes are also analyzed. Our results indicate that organizational agility significantly mediated the effect of knowledge creation on organizational creativity, which, in turn, affects organizational performance.

Main heading: Knowledge management

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Knowledge characteristics - Knowledge creations - Organizational agility - Organizational performance

Classification code: 723.5 Computer Applications

Computer Applications

Database: Compendex

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Data Provider: Engineering Village

9. Unconventional negotiation: Survey and new directions

Accession number: 20130716022213

Authors: Sim, Kwang Mong (1)

Author affiliation: (1) Department of Information and Communications, Gwangju Institute of Science and Technology, Korea, Republic of

Corresponding author: Sim, K.M.(kmsim@gist.ac.kr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The increasing demand for building large-scale complex and distributed systems such as Cloud/Grid computing systems accentuates the need for complex negotiation mechanisms for managing computing resources. The contribution of this paper includes: 1) summarizing classical negotiation problems and conventional negotiation in terms of the utility function, strategy, and protocol, 2) discussing the differences between conventional negotiation and unconventional negotiation, 3) reviewing and comparing the state-of-the-art developments in both relaxed-criteria negotiation, and complex and concurrent negotiation, and 4) suggesting new directions in complex negotiation and its applications.

Number of references: 23

Main heading: Large scale systems

Controlled terms: Distributed computer systems - Distributed database systems - Electronic commerce - Electronics industry

Uncontrolled terms: Complex negotiation - Computing resource - Computing system - Concurrent negotiation - Distributed systems - ITS applications - State of the art - Utility functions

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.3 Database Systems

Database Systems

- 723.5 Computer Applications

Computer Applications

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

10. The leapfrog effects of wireless networks for SMEs: Preliminary findings from a community hospital

Accession number: 20130716022201

Authors: Chen, Wenshin (1)

Author affiliation: (1) Department of Management Information Systems, Abu Dhabi University, Abu Dhabi, United Arab Emirates

Corresponding author: Chen, W.(wenshinchen@hotmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This article briefly summarizes a case study that investigates how wireless networks renovate a community hospital's competitive operations. Due to limited resources, this small community hospital failed to follow specific implementation patterns that most large or more advanced hospitals experienced. Consequently, older versions of wireless networks have never been implemented in this hospital. Interestingly, as technology capabilities of wireless networks continued to emerge in the industry, certain leapfrog effects of these emerging wireless technologies helped this hospital to surpass many of its larger competitors who continued to operate on older versions of wireless networks and relevant technologies. This community hospital's experiences thus provided insightful lessons for other SMEs that are facing constant technological changes in their respective fields.

Number of references: 18

Main heading: Wireless networks

Controlled terms: Electronic commerce - Electronics industry - Hospitals

Uncontrolled terms: Emerging wireless technologies - Leapfrog - Small community - SMEs - Technological change

Classification code: 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 716.3 Radio Systems and Equipment

Radio Systems and Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

11. A technological catching-up model of modularized industry in developing countries

Accession number: 20130716022168

Authors: Lu, Yi-Bo (1); Su, Jing-Qin (1)

Author affiliation: (1) School of Management, Dalian University of Technology, Dalian, China

Corresponding author: Lu, Y.-B.(luyibo@dut.edu.cn)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This article discussed the technological catching-up problem of modularized industry in developing countries. Firstly, this article analysed the relationship between technical level, technology learning capability, technological innovation capability and technological capability; then, stated that the technological catching-up of modularized industry in developing countries is the integration of catching-up in technical level and technological capability. After comparing the developing mode of modularized industries in developing countries with that in developed countries, this article puts forward a technological catching-up model of modularized industry in developing countries.

Number of references: 2

Main heading: Engineering education

Controlled terms: Developing countries - Electronic commerce - Electronics industry

Uncontrolled terms: Catching-up - Developed countries - Modularized - Technical levels - Technological capability - Technological innovation capability - Technology learning

Classification code: 723.5 Computer Applications

Computer Applications

- 901.2 Education

Education

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

12. Analysis on random fuzzy queueing systems with finite capacity

Accession number: 20130716022235

Authors: Ning, Yufu (1); Zhao, Ruiqing (2)

Author affiliation: (1) Department of Computer Science and Technology, Dezhou University, Dezhou 253023, China; (2) Institute of Systems Engineering, Tianjin University, Tianjin 300072, China

Corresponding author: Zhao, R.(zhao@tju.edu.cn)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper discusses random fuzzy queueing systems with finite capacity, where the interarrival times and service times are characterized as random fuzzy variables. Fuzzy simulation techniques are designed to estimate the membership degree, the expected value of system length, and the credibility measure that the system length does not exceed a predetermined level. Furthermore, the rough figures of the membership function and credibility distribution function of the system length can be obtained. Finally, an example is given to illustrate the effectiveness of the presented techniques.

Number of references: 19

Main heading: Membership functions

Controlled terms: Distribution functions - Electronic commerce - Electronics industry - Queueing networks - Queueing theory

Uncontrolled terms: Credibility distribution - Fuzzy simulation - Fuzzy variable - Queueing system - Random fuzzy variable

Classification code: 723.5 Computer Applications

Computer Applications

- 921 Mathematics

Mathematics

- 922.1 Probability Theory

Probability Theory

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

13. Intelligent e-learning system with personalized misconception diagnose and learning path guidance

Accession number: 20130716022240

Authors: Chen, Ling-Hsiu (1); Lai, Yi-Chun (1); Weng, Yi-Hsu (1)

Author affiliation: (1) Department of Information Management, Chaoyang University of Technology, Taiwan

Corresponding author: Chen, L.-H.(ling@cyut.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In recent years, to advances network technology, IT-enabled learning and support learning are important in on-line education. More learners obtain knowledge by the Web-Learning Instruction (WBI). Learners usually induce the problem of misconception and cognitive overload when they use Web-based learning system. At present, most of the studies in the on-line education either concentrate on the technological aspect (e.g. personalization technology development) or focus on adapting learner's interests or browsing behaviors, while, learner's ability and level of knowledge is neglected. Therefore, it is important to consider learner's ability while designing web-based learning system. This study developed an On-line Knowledge Diagnose System (OKDS) to diagnose learner's misconception and provide personalized remedial guidance that based on a graphic organizer technology - concept map. The results indicate that the OKDS can effectiveness enhance learners learner's learning performance and learner also has positive perception of OKDS.

Number of references: 13

Main heading: Learning systems

Controlled terms: Computer aided instruction - E-learning - Electronic commerce - Electronics industry - Engineering education - Websites

Uncontrolled terms: Concept maps - Intelligent e-learning systems - Learning guidance - Learning performance - Network technologies - Personalization technology - Technological aspects - Web-based learning systems

Classification code: 723.5 Computer Applications

Computer Applications

- 901.2 Education

Education

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

14. Characteristics of value bundles in RFID-enabled supply networks

Accession number: 20130716022211

Authors: Pousttchi, Key (1); Schrödl, Holger (1); Turowski, Klaus (1)

Author affiliation: (1) Department of Business Informatics and Systems Engineering, University of Augsburg, Germany

Corresponding author: Pousttchi, K.(key.pousttchi@wiwi.uni-augsburg.de)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In order to avoid ruinous price competition, companies are intensely seeking new ways to stand out from competitors in a global market scenario. In response to this aim, value bundles provide an approach to grade up existing offerings from isolated goods and services to integrated problem solutions for specific customer needs. This differentiation strategy relies on supply networks as an essential enabler. However, the effect of RFID as a major innovation in supply chain networks on their ability to enable value bundles is widely unexplored. In this paper we use the morphological method to identify typical characteristics of value bundles in RFID-enabled supply networks. The outcome is a set of characteristics which allows for categorization and, based on this, structured comparison of any respective value bundles. The categorization is illustrated and validated with three case studies.

Number of references: 35

Main heading: Electronics industry

Controlled terms: Competition - Electronic commerce - International trade - Radio frequency identification (RFID) - Supply chain management

Uncontrolled terms: Customer need - Differentiation strategies - Global market - Price competition - Problem solutions - Supply chain network - Supply networks - Value bundles

Classification code: 716.3 Radio Systems and Equipment

Radio Systems and Equipment

- 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

15. Do male and female favor online product review the same?

Accession number: 20130716022158

Authors: Billy, Yu T.W. (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Online consumer product review is becoming increasingly important in consumers' purchase decisions. Online product review is a sort of product information created by users based on their personal usage experience. It basically serves as a passive "sales assistant" for information seeker, the customer, to check if the product matches her idiosyncratic usages. And in the consumer behavior literature, gender has been an issue because it affects consumers' approaches to decision making. Thus, in the context of product information seeking online, this paper investigates the effects on online consumer behavior from the TAM perspective. A structural equation model (SEM) on empirical data confirms that there exist some differences between the genders in the underlying mechanism on online product review.

Number of references: 49

Main heading: Consumer behavior

Controlled terms: Consumer products - Decision making - Electronic commerce - Electronics industry - Sales

Uncontrolled terms: Gender - Information search - Online consumer behavior - Online consumer reviews - Online product reviews - Product information - Product involvements - Structural equation modeling

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

16. Knowledge sharing in virtual community: The comparison between contributors and lurkers

Accession number: 20130716022184

Authors: Fan, Yi-Wen (1); Wu, Cheng-Chieh (1); Chiang, Li-Chiao (1)

Author affiliation: (1) Department of Information Management, National Central University, Chungli, Taiwan

Corresponding author: Fan, Y.-W.(iwfan@mgt.ncu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Language: English

ISSN: 16830040

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Internet-based virtual communities are growing with an unprecedented rate. Virtual communities have been viewed as platforms for sharing knowledge. The present study proposed an integrated model by investigating social capital and motivational factors that would influence the knowledge sharing attitude of members. Data were collected from 207 professional virtual community users (including 53 contributors and 154 lurkers). The results showed that trust and pro-sharing norms mediate the relationship between shared understanding and knowledge sharing attitude. Enjoy helping, commitment, and community-related outcome expectations enhance contributors' attitudes toward knowledge sharing. When lurkers perceived more reciprocity in their communities and expect more community-related outcome, they incline to sharing knowledge with others. The implications of these results are discussed.

Number of references: 34

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - Knowledge management - Motivation

Uncontrolled terms: Integrated modeling - Internet based - Knowledge-sharing - Professional virtual communities - Shared understanding - Sharing knowledge - Social capitals - Virtual community

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

17. Antecedents and consequences of mobile advertising intrusiveness

Accession number: 20130716022196

Authors: Wang, Ting (1); Oh, Lih-Bin (1); Wang, Kanliang (1)

Author affiliation: (1) School of Management, Xi'an Jiaotong University, Xi'an, China

Corresponding author: Wang, T.(tina.wang@stu.xjtu.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Consumers' negative perceptions toward mobile advertising have been a major impediment to its wider acceptance. This study examines the effects of perceived value of the mobile advertising and consumer privacy violation would have on consumers' perceived mobile advertising intrusiveness, as well as the relationships of intrusiveness with perceived ad irritation and ad avoidance behavior. Results from a survey of 103 Chinese mobile consumers suggest that informativeness of mobile advertising reduces perceived intrusiveness, consumer privacy concern positively affects intrusiveness, while a higher level of perceived intrusiveness positively impacts ad irritation and ad avoidance behavior.

Number of references: 47

Main heading: Consumer behavior

Controlled terms: Consumer protection - Electronic commerce - Electronics industry

Uncontrolled terms: Ad avoidance - Information value - Mobile advertising - Perceived intrusiveness - Perceived irritation - Privacy concerns

Classification code: 723.5 Computer Applications

Computer Applications

- 902.3 Legal Aspects

Legal Aspects

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

18. A research review on entrepreneurial and intrapreneurial characteristics

Accession number: 20130716022121

Authors: Chao, Ping-Yi (1); Sheu, Huai-Zhi (2)

Author affiliation: (1) Department of Business Management, National Sun Yat-sun University, Taiwan; (2) Department of International Business Administration, Wenzao Ursuline Colleges of Languages, Taiwan

Corresponding author: Chao, P.-Y.(chaopy@mail.nsysu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 150-158

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The enthusiasm for entrepreneurial management in the past two decades has led to a definition for the boundary and legitimacy. Entrepreneurial research is no longer focused on the individual level of characteristic traits, but extends to multi-level analysis, e.g. prior experience, corporate culture, social relationships, and educational background. The paper intends to review researches on entrepreneurs and intrapreneurs for the purpose of identifying the similarities and differences between the two. We found that entrepreneurs tend to be higher risk taking, and uncertainty bearing, and intrapreneurs are better in communication and leading techniques. This paper tries to review, organize, and analyze the previous research contributions and hopes to provide managers with a practical reference.

for personnel filtering, training, and policy making as it gives employees an advanced mechanism for self-evaluation as a potential entrepreneur/intrapreneur.

Number of references: 55

Main heading: Personnel training

Controlled terms: Electronic commerce - Electronics industry - Human resource management - Risk management

Uncontrolled terms: Corporate culture - Entrepreneurial managements - Individual levels - Multi-level analysis - Prior experience - Research review - Self evaluation - Social relationships

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

19. Knowledge discovery from financial text

Accession number: 20130716022241

Authors: Chan, Samuel W.K. (1)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong

Corresponding author: Chan, S.W.K.(swkchan@cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 142-149

Language: English

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Document type: Conference article (CA)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The abundance of on-line electronic financial news articles has opened up new possibilities for intelligent systems that could extract and organize relevant knowledge automatically in a usable format. While most typical information extraction systems require a hand-built dictionary of templates and, subsequently, are subject to ceaseless modification to accommodate new patterns that are observed in the text, in this research, we propose a novel text-based decision support system (DSS) that will (i) extract event sequences from shallow text patterns and (ii) predict the likelihood of the occurrence of events using a classifier-based inference engine. We investigated more than 2,000 financial reports with 28,000 sentences. Experiments show the DSS outperforms other similar statistical models.

Number of references: 12

Main heading: Electronics industry

Controlled terms: Classification (of information) - Decision support systems - Electronic commerce - Finance - Intelligent systems

Uncontrolled terms: Decision support system (dss) - Event sequence - Financial news - Financial reports - Information extraction systems

Classification code: 716.1 Information Theory and Signal Processing

Information Theory and Signal Processing

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

20. Understanding users' continuance intention to answer questions in online question answering communities

Accession number: 20130716022186

Authors: Jin, Xiao-Ling (1); Lee, Matthew K.O. (1); Cheung, Christy M.K. (2)

Author affiliation: (1) Department of Information Systems, City University of Hong Kong, Hong Kong; (2) Department of Finance and Decision Sciences, Hong Kong Baptist University, Hong Kong

Corresponding author: Jin, X.-L.(xiaojin@cityu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This study develops a research model to investigate the antecedents of users' continuance intention to answer questions in online question answering (Q&A) communities based on the literature of knowledge contribution and behavioral continuance. The research model is tested by using the data collected from 241 users of a famous online Q&A community in China (i.e., "Yahoo! Answers China"). The results indicate that satisfaction is the key determinant of continuance intention to answer questions. Satisfaction is, in turn, influenced by reputation enhancement, enjoyment in helping others and advancement of the online community. This study has implications for both theory and practice on the management and design of online Q&A communities.

Number of references: 33

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Continuance - Continuance intentions - Enjoyment in helpings - Knowledge contributions - On-line communities - Outcome performance - Question answering communities - Satisfaction

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

21. Product integration formats and consumers' evaluations of the online extended product: A product integration perspective

Accession number: 20130716022143

Authors: Song, Peijian (1); Zhang, Cheng (1); Xu, Heng (2); Huang, Lihua (1)

Author affiliation: (1) School of Management, Fudan University, China; (2) College of Information Sciences and Technology, Pennsylvania State University, United States

Corresponding author: Song, P.(061025018@fudan.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: After launching new products, firms are spending substantial amount of resources into cross-product integration to attract traffic. While customers place increasing value on product integration, little is known about the influence of product integration on consumers' evaluation of extended product. Based on the product presentation perspective, this study proposed and validated a research model through a scenario-based experiment. The findings suggest that value added integration, rather than the data interface and add-on module integration, is associated with a higher level of perceived diagnosticity. Perceived diagnosticity had a significant influence on consumers' evaluations of the extended product. This study contributes to the research and practice by providing insights about product promotion within the online context.

Number of references: 48

Main heading: Integration

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Data interfaces - Extended product - Human computer interfaces - Perceived diagnosticity - Product integration - Product presentations - Research models - Scenario-based

Classification code: 723.5 Computer Applications

Computer Applications

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

22. Factors influencing the usage of mobile value-added services

Accession number: 20130716022152

Authors: Wang, Kai (1); Lin, Chien-Liang (2); Yang, Shu-Chen (1)

Author affiliation: (1) Department of Information Management, National University of Kaohsiung, Taiwan; (2) Department of Information Management, Ming Chuan University, Taiwan

Corresponding author: Wang, K.(kwang@nuk.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Mobile value-added services have drawn the attention of researchers and practitioners recently, due to the rapid development of the mobile telecommunications market. Various mobile-based services and applications have therefore been introduced in order to satisfy mobile phone subscribers' needs. Facing intensive competition, service providers are eager to persuade mobile phone subscribers into using the mobile value-add services in the hope to expand market share and ultimately raise revenues. This study therefore intends to investigate the factors that influence mobile phone subscribers' intention to use mobile value-added services in Taiwan by incorporating quality factors and perceived playfulness with the Technology Acceptance Model. A preliminary proposal is presented in this extended abstract, together with expected contributions for research and practice.

Number of references: 18

Main heading: Telecommunication services

Controlled terms: Cellular telephones - Competition - Electronic commerce - Electronics industry

Uncontrolled terms: Information quality - Perceived playfulness - Service Quality - System quality - Technology acceptance model

Classification code: 718.1 Telephone Systems and Equipment
Telephone Systems and Equipment
- 723.5 Computer Applications
Computer Applications
- 911.2 Industrial Economics
Industrial Economics
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

23. Study of the basic characteristics of an interactive TV service

Accession number: 20130716022171
Authors: Huang, Chiung-Yu (1); Ku, Karl Min (1)
Author affiliation: (1) Information Division, National Central Library, Taiwan
Corresponding author: Huang, C.-Y.
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
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Pages: 564-571
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: The iTV service was too conceptually nebulous to readily comprehend. It was variously mistaken as referring to a network television service and a digital television service. To avoid further setbacks, it is very important that we clarify the basic characteristics of iTV service for the benefit of the fields of information technology, MIS, broadcasting, commerce and so on. After conducting literature reviews and interviews, we were able to delineate the basic characteristics of iTV service as follows: 1. The contents of iTV service; 2. The supply and use process, and components of the iTV service.
Number of references: 26
Main heading: Interactive television
Controlled terms: Digital television - Electronic commerce - Electronics industry - Television broadcasting - Television networks
Uncontrolled terms: Basic characteristics - Digital television services - Interactive TV - ITV service - Literature reviews
Classification code: 716.4 Television Systems and Equipment
Television Systems and Equipment
- 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

24. A study on knowledge sharing in Vietnamese organizations

Accession number: 20130716022183
Authors: Ha, N.T.T. (1); Yen, K.L. (2); Hsiao, M.H. (1)
Author affiliation: (1) Department of Information Management, Shu-Te University, Taiwan; (2) Department of Information Management, National Sun Yat-sen University, Taiwan
Corresponding author: Ha, N.T.T.(nguyenha1982@gmail.com)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Knowledge sharing is very much a sign for the atmosphere of social interactions in the organizations, it depends on the quality of the conversation, formally or informally. In other words, for more effective knowledge sharing, communication competence is required in order to have appropriate conversation. During the past decades, most theories of communication competence have been developed on the basis of "western" conceptualization. This empirical research is conducted in order to study the organizational communication competence in a non-western country, Vietnam, and the effect of such competence to the employees' knowledge sharing behavior respectively. Base on the data collected from 11 organizations, the effects of three culture dimensions, namely individualism, power distance, and uncertainty avoidance to the communication competence were statistically analyzed; then, stemming from the certain level of communication competence, the behavior of organizational members towards knowledge sharing was explained.

Number of references: 57

Main heading: Knowledge management

Controlled terms: Behavioral research - Electronic commerce - Electronics industry - Uncertainty analysis

Uncontrolled terms: Empirical research - Knowledge-sharing - National cultures - Organizational communication - Power distances - Social interactions - Uncertainty avoidance - Western countries

Classification code: 723.5 Computer Applications

Computer Applications

- 922.1 Probability Theory

Probability Theory

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

25. Extracting expert knowledge and building strategic decision in international logistics and Kaohsiung area

Accession number: 20130716022182

Authors: Lee, Liang-Chien (1); Cheng, Jao-Hong (2); Tang, Chih-Huei (2); Wang Tang, Mu-Han (3); Chen, I-Ping (3)

Author affiliation: (1) Department of Finance, I-Shou University, Kaohsiung, Taiwan; (2) Department of Information Management, National Yunlin University of Science and Technology, Douliou, Taiwan; (3) not available, 240 Dunhua North Road, Taipei City 10548, Taiwan

Corresponding author: Lee, L.-C.(lcee@isu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Evaluating the development and investment direction of complex transportation system for Kaohsiung international logistics is very important to Taiwan. According to the effect of internal and external variables factors, it is necessary to inspect the Kaohsiung metropolitan area epistemic development plan and trend of domestic industry develop international logistics. In order to achieve the benefits of developing logistics integration; we set the Kaohsiung harbour and airport as the core of this study. Exploring that how to strengthen the international logistics function and develop the strategy to improve the economic environment of Kaohsiung area. Consequently, this study is to extract critical expert knowledge and to build strategic decision to improve the economic environment of Kaohsiung area and international logistics.

Number of references: 6

Main heading: Data mining

Controlled terms: Electronic commerce - Electronics industry - International trade

Uncontrolled terms: Domestic industries - Economic environment - Expert knowledge - Kaohsiung Harbor - Logistics functions - Logistics integration - Strategic decisions - Transportation system

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

26. The effects of language difference on operational performance and satisfaction with B2B e-marketplace interface

Accession number: 20130716022129

Authors: Lin, Pei-Chun (1); Huang, Yi-Han (1)

Author affiliation: (1) Department of Transportation and Communication Management Science, National Cheng Kung University, Taiwan

Corresponding author: Lin, P.-C.(peichunl@mail.ncku.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This study integrated the user interface and information content of the business-to-business (B2B) electronic marketplace (e-marketplace) with language to analyze whether language differences affect the definition of good interface design and the information content that should be provided via an e-marketplace. An experimental design was adopted for collecting data from tasks, and then the Questionnaire for User Interface Satisfaction (QUIS) was used to ascertain how satisfied subjects were with regard to using the B2B e-marketplace interfaces. Study results showed that the language, the e-marketplace interface the subject used, and a combination of the two predict a person's operational performance and satisfaction with a B2B e-marketplace. This study's results provide a better understanding of whether B2B e-marketplace service providers should develop interfaces based on specific languages.

Number of references: 28

Main heading: User interfaces

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Business to business - E-marketplaces - Electronic marketplace (e-marketplace) - Information contents - Language difference - Operational performance - Specific languages - Usability

Classification code: 722.2 Computer Peripheral Equipment

Computer Peripheral Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

27. An empirical research of the network public opinion impact on the information openness of government affairs - Take "hide and seek" and "Deng Yujiao" events for example

Accession number: 20130716022148

Authors: Zhen, Ye (1); Xue, Yao-Wen (1); Zhang, Peng-Zhu (2)

Author affiliation: (1) School of Economics and Management, Taiyuan University of Science and Technology, Shanxi, China; (2) School of Management, Shanghai Jiaotong University, Shanghai, China

Corresponding author: Zhen, Y.(zhenye009@126.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The influence network public opinion on the information openness of government affairs is studied after comparing the events of "hide-and- seek" and "Deng Yujiao". The linear dependence relationship exists between variation of information publicity about government affairs and the total number of the network public opinion, moreover, variation of information publicity about government affairs and the ratio that negative comments in total number of the network public opinion presences linear relation. Both total number and negative comment ratio play an improving role in the process of e-government publicly: total number and degree of e-government information openness exists stable positive correlation, while the positive correlation relationship between negative comments ratio and e-government information openness is instability.

Number of references: 13

Main heading: Social aspects

Controlled terms: e-government - Electronic commerce - Electronics industry

Uncontrolled terms: Empirical research - Government affairs - Government information - Influence networks - Linear dependence - Network public opinions - Positive correlations - Variation of informations

Classification code: 723.5 Computer Applications

Computer Applications

- 901.4 Impact of Technology on Society

Impact of Technology on Society

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

28. Improving the adoptability of a mobile service: A case study

Accession number: 20130716022197

Authors: Vatanparast, R. ; Qadim, H. ; Ebrahimi, M.

Corresponding author: Vatanparast, R.(raminvp@yahoo.com)

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Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Mobile technologies are penetrating into everyday lives of people and are providing miscellaneous services on the mobile device for users. Most of researches in this area have been done after the introduction of the service to the market. In this tough market, service providers need to know exactly which elements of their services or technologies can be improved before final stage of development and surely before launching the application or service. This article studies intentions to use a service, through a mobile application, for possible improvements in adoptability of the service. The Nysveen et al's integrated model (2005) has been utilized for conducting the research and data was collected over a survey study. Such insights allow mobile service providers and mobile marketers to create more customized services. This paper concludes with both theoretical and practical implications and limitations of the study results.
Number of references: 46
Main heading: Electronics industry
Controlled terms: Electronic commerce - Mobile computing
Uncontrolled terms: Adoption model - Attitude towards the use - Intention towards the use - Mobile applications - Mobile service - Service adoption
Classification code: 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

29. A proposed cross platform privacy and security framework for supply chain information sharing

Accession number: 20130716022245
Authors: Leung, Jerrel (1); Tong, Frank C.H. (2); Luo, Zongwei (2)
Author affiliation: (1) Chinese University of Hong Kong, Hong Kong; (2) University of Hong Kong, Hong Kong
Corresponding author: Leung, J.(jerrelleung@baf.msmail.cuhk.edu.hk)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
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Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Information sharing has become eminent to supply chain management, as it allows supply chain partners to collaborate more closely. However, currently supply chain partners are often on disjoint information platforms, which

prevent them from effectively sharing critical supply chain information. One of the main barriers of information sharing is revealing confidential information to unintended parties and thus the disclosure of privacy. Therefore the information sharing needs and characteristics of a supply chain has been analyzed and subsequently a cross platform privacy and security framework to allow safe information sharing has been proposed.

Number of references: 23

Main heading: Information dissemination

Controlled terms: Electronic commerce - Electronics industry - Information analysis - Supply chain management

Uncontrolled terms: Confidential information - Cross-platform - Information platform - Information sharing - Privacy and security - Supply chain information sharing - Supply chain partners

Classification code: 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

- 903.2 Information Dissemination

Information Dissemination

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

30. Analyzing the risk and financial impact of phishing attacks using a knowledge based approach

Accession number: 20130716022117

Authors: Chen, Xi (1); Bose, Indranil (2); Leung, Alvin Chung Man (2); Guo, Chenhui (1)

Author affiliation: (1) School of Management, Zhejiang University, Hangzhou, China; (2) School of Business, University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Chen, X.(chen_xi@zju.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: We assess the severity of phishing attacks in terms of their risk levels and the potential loss in market value to the firms. We analyze 1,030 phishing alerts released on a public database as well as financial data related to the targeted firms using a hybrid text and data mining method that predicts the severity of the attack with high accuracy. Our research identifies the important textual and financial variables that impact the severity of the attacks and determine that different antecedents influence risk level and potential financial loss associated with phishing attacks.

Number of references: 19

Main heading: Text mining

Controlled terms: Computer crime - Data mining - Electronic commerce - Electronics industry - Finance - Knowledge based systems - Losses - Risk assessment - Risks

Uncontrolled terms: Data mining methods - Financial impacts - Financial loss - Financial variables - Knowledge-based approach - Phishing - Phishing attacks - Variable importances

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 911.2 Industrial Economics

Industrial Economics

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

31. A suggestion on the roadmapping process to make an integration roadmap between service-device-technology - With a focus on the case of u-City

Accession number: 20130716022200

Authors: Kim, Hyungil (1); Lee, Junghoon (1); Park, Byungchan (1)

Author affiliation: (1) Graduate School of Information, Yonsei University, Seoul, Korea, Republic of

Corresponding author: Kim, H.(hyungil00@hanmail.net)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The Technology Roadmap(TRM) is a technical strategic decision support framework in order for the anticipation and projection of the changes of technologies in the future, which has higher uncertainty in general. While the importance of technology management is receiving more attention these days, the research works on the TRMs have been limited to project future technology trends yet diversely studied in different sector such as the service industry The aim of research is therefore to explored and proposed a integrated roadmapping process based on the service oriented business model which based on technology. Proposed methodology has been applied into smart city development project to validate its usefulness and benefits.

Number of references: 71

Main heading: Service industry

Controlled terms: Decision support systems - Electronic commerce - Electronics industry - Project management - Urban growth

Uncontrolled terms: Development project - Device - Device technologies - Future technologies - Service - Strategic decisions - Technology managements - Technology roadmaps

Classification code: 403.1 Urban Planning and Development

Urban Planning and Development

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

32. Measurement and analysis of bilateral costs between China and trading partners based on the revised gravity model

Accession number: 20130716022207

Authors: Hong, Fang (1); Yu, Yin (1); Zhe, Feng (1)

Author affiliation: (1) School of Economics and Management, Beijing University of Aeronautics and Astronautics, China

Corresponding author: Hong, F.(hongfan0097@sina.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 846-854

Language: English

ISSN: 16830040

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: A revised gravity model has been adopted in the thesis to measure the changes of bilateral trade costs of China and other 28 countries during 1992~ 2007. The results are as follows: China's trade costs take on a declining trend and the bilateral trade costs between China and developed countries is lower than that of developing countries. As the trade costs between China and major trading partners take on a declining trend, which even has room for further decline, the major policy significances in this thesis are that China shall continue to excavate the way to reduce the trade costs in order to further enhance the export competitiveness.

Number of references: 22

Main heading: Costs

Controlled terms: Cost benefit analysis - Developing countries - Electronic commerce - Electronics industry

Uncontrolled terms: Bilateral trade - Developed countries - Gravity model - Measurement and analysis - Trade costs - Trading partners

Classification code: 723.5 Computer Applications

Computer Applications

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

33. Property price modelling: The regression model and the neural network model

Accession number: 20130716022118

Authors: Hui, Y.V. (1); Cheung, S.L. (1)

Author affiliation: (1) Department of Management Sciences, City University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Hui, Y.V.(msyervan@cityu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Hedonic regression models are widely used in housing price studies. However, incorrect identification of the functional relationship may lead to potential bias. This research studies the neural network model in modeling housing price. A neural network model is regarded as a nonlinear regression model without a predetermined functional form. The adoption of the neural network model could overcome the biasness inherent in the hedonic price regression model. The performance of neural network models and hedonic regression models are discussed based on the Hong Kong property price data.

Number of references: 4

Main heading: Neural networks

Controlled terms: Electronic commerce - Electronics industry - Housing - Regression analysis

Uncontrolled terms: Functional forms - Functional relationship - Hedonic regression - Hedonic regression models - Neural network model - Nonlinear regression models - Regression model - Research studies

Classification code: 403.1 Urban Planning and Development

Urban Planning and Development

- 723.5 Computer Applications

Computer Applications

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

34. Transforming experience good into search good: How virtual experience may change the Internet advertising market?

Accession number: 20130716022157

Authors: Tsang, Seng Su (1, 2); Hsu, Wei-Chen (1, 2)

Author affiliation: (1) Department of Business Administration, National Taiwan University of Science and Technology, Yuan Ze University, Taiwan; (2) Department of Industrial Engineering and Management, National Taiwan University of Science and Technology, Yuan Ze University, Taiwan

Corresponding author: Tsang, S.S.(tsagn@mail.ntust.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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ISSN: 16830040

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Prior research indicates that goods contain either search or experience attributes and those that are categorized as search goods may induce more product information search efforts prior to purchase. Considering the low search cost online, search goods could easily prompt even more search efforts. However the experiment results of this study indicate an interesting finding that seem to go against this projection by showing more search efforts (including online advertisements click-throughs and searching time) for experience goods than for search goods. Explanations to the finding which in part echoing Klein's (1998) proposition of virtual experience are provided and implications for online advertising are drawn.

Number of references: 25

Main heading: Electronics industry

Controlled terms: Electronic commerce - Marketing

Uncontrolled terms: Experience goods - Internet advertising - Online advertisements - Online advertising - Product information - Search efforts - Search goods - Searching time

Classification code: 723.5 Computer Applications

Computer Applications

- 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

35. The impact of perceived valence, perceived information credibility and valence intensity of online reviews on purchase intentions

Accession number: 20130716022134

Authors: Floh, Arne (1); Koller, Monika (1); Zauner, Alexander (1)

Author affiliation: (1) Department of Marketing, WU Vienna, Austria

Corresponding author: Floh, A.(arne.floh@wu.ac.at)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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ISSN: 16830040

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The purpose of this paper is to examine the influence of the quality of product recommendations on buying intentions. An online experiment was conducted testing both the effect of the two dimensions of review quality (perceived valence and perceived information credibility) and the influence of valence intensity of the review content on purchase intentions. Both dimensions of the review quality were found to have a significant impact on purchase intentions. This effect holds for books and hotels, which were chosen to serve as research objects to provide information for both search and experience goods. In a subsequent analysis, we compared the effect of moderate and strong valence intensity of the review content. Interestingly, we found no significant difference of the effects of positive versus negative product reviews on purchase intentions in the two groups with moderate valence intensity. Although the present study is rather exploratory in nature, these findings are novel and crucial for both marketing research and practice.

Number of references: 39

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry - Purchasing

Uncontrolled terms: Experience goods - Information credibilities - Marketing research - On-line experiments - Purchase intention - Quality of product - Research object - Review contents

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

36. Developing mass customization capability through supply chain integration

Accession number: 20130716022222

Authors: Zhang, Min (1); Zhao, Xiande (1); Lee, Denis (2)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Faculty of Business Administration, Chinese University of Hong Kong, Shatin, N.T., Hong Kong; (2) Information Systems and Operations Management Sawyer Business School, Suffolk University, Stahl Center, 73 Tremont Street, United States

Corresponding author: Zhang, M.(zhangmin@baf.msmail.cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Based on data collected from 292 manufacturing firms located in different countries, our results show that both internal and customer integration contribute positively to MCC. Positive interaction effects are also found between internal and customer integration, and between internal and supplier integration, on MCC. The results suggest that supplier integration play only a complementary role, supporting internal integration in the development of MCC. Overall, the findings demonstrate the pivotal role of internal integration in SCI. Whereas current research into SCI tends to view it as mainly "outward-facing" integration, our results strongly suggest that manufacturing firms should pursue internal integration as the foundation for successful SCI.

Number of references: 7

Main heading: Integration

Controlled terms: Electronic commerce - Electronics industry - Industrial research - Manufacture - Supply chains

Uncontrolled terms: Customer integrations - Manufacturing firms - Mass customization - Positive interaction -

Supplier integration - Supply-chain integration

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 912.1 Industrial Engineering

Industrial Engineering

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 913.4 Manufacturing

Manufacturing

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

37. A dynamic shift-share analysis on the China's R&D: A structure analysis

Accession number: 20130716022218

Authors: Lin, Sida (1); Li, Hongyi (2); Huang, Liang (2)

Author affiliation: (1) Zhejiang Natural Science Foundation Committee, Hangzhou, Zhejiang, China; (2) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Lin, S.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: To evaluate the R&D development in China, we can inspect both the R&D expenditure and the research talent pool. In this paper, we analyze the structure of the researcher groups by using dynamic shift-share analysis (DSSA). The DSSA results show that there is still much room to improve in the structure of research group. The provinces/municipalities from eastern China did not perform well in engineering and education researcher groups while the provinces/municipalities from central and western China perform well in engineering, agriculture and education researcher groups. We suggest that the government planners should implement more effective measures to improve the structure of the researcher groups in order to spend the R&D fund wisely and attract more extra fund in R&D.

Number of references: 29

Main heading: Electronics industry

Controlled terms: Agricultural robots - Electronic commerce - Engineering education

Uncontrolled terms: Chinese economy - Dynamic shift - Eastern China - Effective measures - Research groups - Structure analysis - Western China

Classification code: 723.5 Computer Applications

Computer Applications

- 901.2 Education

Education

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

38. A value-based framework for internet-enabled CRM services

Accession number: 20130716022112

Authors: Chang, Wei-Lun (1); Wu, Yu-Xin (1)

Author affiliation: (1) Department of Business Administration, Tamkang University, Taiwan

Corresponding author: Chang, W.-L.(wlchang@mail.tku.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The global competition for enterprises has been the significant issue for recent years. However, the customer needs are difficult to satisfy due to specialized characteristic of existing customers. A good CRM strategy may assist firms to earn advanced profits, increase customer perceived value, and acquire new customers. This research aims to provide a holistic framework based on two dimensions. The first dimension is the level of customer needs which is related to customer perceived value. The second value is the process of CRM; for instance, attracting, interacting, and retaining customers. This paper intends to: (1) identify the level of needs based on perceived value, (2) recognize the possible step of CRM processes, and (3) recommend an appropriate CRM e-service to a customer.

Number of references: 11

Main heading: Web services

Controlled terms: Competition - Customer satisfaction - Electronic commerce - Electronics industry - Sales

Uncontrolled terms: Customer perceived values - Customer values - E- services - Global competition - Holistic frameworks - Perceived value - Two-dimension - Value-based frameworks

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

39. A case study of remote monitoring of health status of the elderly at home in Taiwan

Accession number: 20130716022164

Authors: Chiu, Kuang-Hui (1); Yang, Yolande Yun-Hsiou (1)

Author affiliation: (1) Department of Business Administration, National Taipei University, Taipei, Taiwan

Corresponding author: Chiu, K.-H.(khchiu@mail.ntpu.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This case is a B2B2C model (service provider vs. community vs. The elderly) of innovative tele-care service provision. The service provider under study is the Chu-Shan Show-Chwan Hospital, a district hospital. The community consists of the social welfare institutions such as temples, community care centers, and nursing homes. The elderly are either residents of the community or the nursing homes. The community, as a service promoter, contributes to the increased acceptance compared to the traditional B2C model. Many communities under study and some social welfare organizations are highly interested in providing health care service to the elderly, and will support future operations if the results are satisfactory. Through this project, the district hospital can extend its primary care function to communities, build up trust among people, and improve the physician-patient relationship.

Number of references: 25

Main heading: Remote patient monitoring

Controlled terms: Electronic commerce - Electronics industry - Hospitals - Nursing - Telemedicine

Uncontrolled terms: Aging in place - Long term care - Primary care - Technology acceptance model - Trust

Classification code: 461.6 Medicine and Pharmacology

Medicine and Pharmacology

- 461.7 Health Care

Health Care

- 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

40. IDEA Diamond: A systematic innovation model for social network services

Accession number: 20130716022216

Authors: Chu, I.-Chieh (1); Chou, Seng-Cho T. (1)

Author affiliation: (1) Global MBA, College of Management National, Taiwan University, Taiwan

Corresponding author: Chu, I.-C.(jicchu00@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Social network service (SNS) - the web-based interaction tool introduced in late 20th century - has become increasingly popular in modern life. The SNS providers' capability of launching a 'killer application', i.e., an attractive interface that motivates user engagement and stickiness, plays a crucial role in surviving the keen competition in the SNS market, and the development of such a service requires rapid and continuous innovation practice. This study proposes an IDEA Diamond model that aims to help SNS providers effectively develop (through a well-defined process and systemized methods/tools) new services that can meet user needs and deliver exceptional user experience.

Number of references: 28

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - User experience

Uncontrolled terms: Killer-application - New service development - Service engineering - Service experience - Service innovation - Social network service (SNS)

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

41. Comparing the behavioral models in cyber-world using social roles

Accession number: 20130716022229

Authors: Yeh, Nai-Ching (1); Lin, Judy Chuan-Chuan (2); Lu, Hsi-Peng (1)

Author affiliation: (1) Department of Information Management, National Taiwan University of Science and Technology, Taiwan; (2) Department of Computer Science and Information Management, Soochow University, Taiwan

Corresponding author: Yeh, N.-C.(cherish.yeh@msa.hinet.net)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Cyber-world is a typical form of social syndication. Although the future of cyber-world seems bright, not all efforts have succeeded. Therefore, knowing how to motivate users and keep them continually visiting is an important challenge for creating successful cyber-world Web sites. Since that human behaviour varies according to people's different social roles, this study investigated four social roles (habitual, active, personal, and lurker) in the cyber-worlds. 729 users of i-Partment were used to test the research model. This study empirically confirms the existence of different behavioural models, and revealed the implications for theory and practice.

Number of references: 47

Main heading: Behavioral research

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Behavioral model - Behavioural model - Human behaviours - Research models - Social presence - Social roles - Theory and practice

Classification code: 723.5 Computer Applications

Computer Applications

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

42. What dynamic capability are needed to implement E-Business?

Accession number: 20130716022125

Authors: Lin, Li-Min (1); Hsia, Tzyh-Lih (2); Wu, Jen-Her (3)

Author affiliation: (1) Department of Nursing, Mei-Ho Institute of Technology, Taiwan; (2) Department of Information Management, Chinese Naval Academy, Taiwan; (3) Department of Information Management, National Sun Yat-Sen University, Kaohsiung, Taiwan

Corresponding author: Lin, L.-M.(x3213@meiho.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The study focuses on what capabilities are needed to implement electronic business (E-Business) successfully. We utilize an E-business innovation model to analyse the key differences in both business technology and business model dimensions between brick-and-mortar business and E-Business. The results indicate that the nature of the innovation from brick-and-mortar business to E-business is a radical change for the incumbents. A set of dynamic capabilities of exploiting and implementing E-business is identified. These results provide great insight for practitioners and scholars for enhancing their understanding of E-business innovation and provide guidelines to help incumbents adapt to new E-business applications.

Number of references: 37

Main heading: Electronics industry

Controlled terms: Brick - Electronic commerce - Enterprise resource management - Mortar

Uncontrolled terms: Business modeling - Business technology - Dynamic capabilities - E-business applications - eBusiness - Electronic business (e-business)

Classification code: 414.2 Brick Materials

Brick Materials

- 414.3 Mortar (Before 1993, use code 412)

Mortar (Before 1993, use code 412)

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

43. Assessing maturity requirements for implementing and using product lifecycle management

Accession number: 20130716022185

Authors: Kärkkäinen, Hannu (1); Myllärniemi, Jussi (1); Okkonen, Jussi (1); Silventoinen, Anneli (2)

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Corresponding author: Okkonen, J.(jussi.okkonen@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Product lifecycle management (PLM) is a systematic and holistic way to approach challenges that exist in managing product related information along products' lifecycle from product design to its disposal. There is an established set of information management approaches that address important subsets of lifecycle information management challenges, e.g. product data management (PDM), ERP and CRM. Common feature to PLM processes is that their implementation requires changes in organization, systems, conventions, and importantly, skills and capabilities. The aim of this paper is to discuss the issue of PLM implementation and how it can be aided with capability maturity assessment. Empirical part of the paper points out how capability maturity assessment can be conducted and how it is applicable in different stages of implementing and developing PLM.

Number of references: 16

Main heading: Life cycle

Controlled terms: Electronic commerce - Electronics industry - Information management - Product design - Software engineering

Uncontrolled terms: Assesment - Capability maturity models - Life-cycle information - Management challenges - Maturity assessments - Maturity model - Product Data Management - Product life cycle management

Classification code: 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

44. Virtual social identity development for customer electronic word-of-mouth participation

Accession number: 20130716022132

Authors: Jeong, Haeyoung (1); Moon, Junghoon (1)

Author affiliation: (1) Department of IT Business, Korea Advanced Institute of Science and Technology, Korea, Republic of

Corresponding author: Jeong, H.(byut88@kaist.ac.kr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Electronic Word-of-Mouth (eWOM) plays a persuasive role in influencing consumers' attitudes and purchase decision. There are many efforts to identify the effect of eWOM on the customers' purchase decision. However, few studies on the intrinsic motivation of eWOM participation in online shopping malls have been published to date. The main goal of this study is to identify the factors that motivate customers to participate in eWOM and to suggest relevant strategies for leading customers' eWOM participations. To accomplish this goal, we propose a structural model mainly based on social identity theory. In addition, customer citizenship behavior (CCB) which has been extended from organizational citizenship behavior (OCB) is considered. And the effect of perceived extrinsic incentives such as; e-money or e-point on eWOM participation in the online shopping mall is contrasted with the effect of intrinsic motivation.

Number of references: 40

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry - Motivation - Shopping centers

Uncontrolled terms: Customer citizenship behaviors - Electronic word of mouths - Electronic word of mouths (eWOM) - Intrinsic motivation - Organizational citizenship behaviors - Social identity - Social identity theories - Structural modeling

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

45. Identifying users' behavior purchasing virtual items

Accession number: 20130716022133

Authors: Kaburuan, Emil R. (1); Chen, Chien-Hsu (2); Jeng, Tay-Sheng (3)

Author affiliation: (1) Institute of Creative Industry Design, National Cheng Kung University, Tainan, Taiwan; (2) Departement of Industrial Design, National Cheng Kung University, Tainan, Taiwan; (3) Departement of Architecture, National Cheng Kung University, Tainan, Taiwan

Corresponding author: Kaburuan, E.R.(pa897703@mail.ncku.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 250-256

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Virtual asset has become more important in the virtual worlds. A growing number of users involve in the virtual worlds has created a new business phenomena. An online transaction on virtual goods involves real money. This research mainly focus on finding out what are the factors influence customers' behavior and how to predict it toward purchasing in virtual worlds. There are thirty eight participants from different countries involve in this study. An online questionnaire is design to get necessary information from the users. The correlation and regression analysis applied in order to predict customer behavior toward purchasing in virtual worlds.

Number of references: 25

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry - Human computer interaction - Regression analysis - Virtual reality

Uncontrolled terms: Correlation and regression analysis - Customer behavior - Money transactions - Online questionnaire - Online transaction - Users' behavior - Virtual goods - Virtual worlds

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

46. Tug of war between the retailers and consumers: The phenomenon of group purchase in China

Accession number: 20130716022208

Authors: Yen, Benjamin (1); Huang, Minyi (2)

Author affiliation: (1) School of Business, University of Hong Kong, Hong Kong, Hong Kong; (2) Asia Case Research Centre, University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Yen, B.(benyen@business.hku.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 855-863

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Retailing shops are the contact points between customers and supply chain. On one hand, the retailers need to satisfy the customers by providing the right and enough products to ensure the service level; on the other hand, the retailers also need to minimize the costs while satisfying the customers. This paper uses a case study of GOME to illustrate Tuangou, a relatively new phenomenon that has spread rapidly in China, and to show how the company responded to the group purchasing shoppers. The case presents a tug of war happening between the retailers and consumers. The implications of Tuangou to the stakeholders in group purchase are also discussed.

Number of references: 17

Main heading: Sales

Controlled terms: Consumer behavior - Customer satisfaction - Electronic commerce - Electronics industry - Supply chains

Uncontrolled terms: Contact points - Service levels - Tuangou - Tug of war (ToW)

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

Compendex references: YES

Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

47. A fairness heuristic analysis of the primacy effect of reputation on perceived of privacy policy and privacy seals

Accession number: 20130716022172
Authors: Yang, Shu (1); Wang, Kanliang (1)
Author affiliation: (1) School of Management, Xi'an Jiaotong University, Xi'an, China
Corresponding author: Yang, S.(shucay@163.com)
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Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: When faced with the risk-benefit dilemma in online era, how would users make their decisions by procedural justice information as distributive justice information is uncertain? The literature implied reputation, privacy policy and seals can be regarded as the factors, which would eliminate users' privacy concern, build trust and incentivize transaction. However, research-to-date is lacking of a comprehensive model to indicate practitioners whenever and however which factor is the core compared with others or their efforts are equal. Drawing upon the fairness heuristic theory, this paper explores the impact of the three factors on them. The results from an experimental study show that the primacy effects of reputation on perceived of privacy policy and seals exist. Theoretical and practical implications arising from our results were offered.
Number of references: 55
Main heading: Seals
Controlled terms: Electronic commerce - Electronics industry
Uncontrolled terms: Fairness heuristic theory - Privacy concerns - Privacy policies - Privacy seals - Reputation - Transaction intention - Trust
Classification code: 619.1.1 Pipe Accessories
Pipe Accessories
- 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

48. Facebook usage among Arabic college students: Preliminary findings on gender differences

Accession number: 20130716022232
Authors: Shen, Kathy Ning (1); Khalifa, Mohamed (1)
Author affiliation: (1) Faculty of Business and Management, University of Wollongong in Dubai, United Arab Emirates
Corresponding author: Shen, K.N.(kathyshen@uowdubai.ac.ae)
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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: With immense popularity and candid participation, Facebook shows a greater potential in developing customer communities, promoting online presence, advertising, and customizing services/products. Despite its popularity, research on Facebook in particular and social networking sites in general is far behind the practice. Particularly, research outside the western countries is very limited. With the young generation of Arabic world embarking on Internet, social networking sites, e.g., Facebook, have been used as a main arena for their identity construction, and relationship development, playing a vital role in shaping future society. Thus, the purpose of this study is to provide descriptive information about the use of Facebook by Arabic college students with a focus on gender differences in motivations and perceived consequences of Facebook usage.

Number of references: 26

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - Students

Uncontrolled terms: Adolescents - Descriptive information - Gender differences - IT usage - Relationship development - Social networking sites - Trust - Western countries

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

49. The role of knowledge sharing in supply chain integration processes

Accession number: 20130716022249

Authors: Breite, Rainer (1); Mäenpää, Sari (1)

Author affiliation: (1) Department of Business Information Management and Logistics, Tampere University of Technology, Finland

Corresponding author: Breite, R.(rainer.breite@tut.fi)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Current issues in supply chain management focus increasingly on the interdependence between value forming and supply chain integration. This interdependence is interesting, especially in an environment with variable and heterogeneous demand, posing challenges and opportunities for the management of supply chain integration. The purpose of our conceptual paper is to introduce the drivers and the benefits of the supply chain integration process and to introduce the role of knowledge sharing in this context. In the pursuit of this goal, the concepts of supply chain integration and value forming are defined as the research context. The preliminary results propose that the essential

integration elements can be identified and a more distinct supply chain integration process as well as knowledge sharing in this process can be defined.

Number of references: 55

Main heading: Supply chain management

Controlled terms: Electronic commerce - Electronics industry - Integration - Knowledge management

Uncontrolled terms: Heterogeneous demand - Integration elements - Knowledge-sharing - Management of supply chains - Supply chain management focus - Supply-chain integration

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

50. Examining the role of information technology in cultivating firms' dynamic marketing capabilities

Accession number: 20130716022111

Authors: Wang, Eric T.G. (1); Hu, Han-Fen (2); Hu, Paul Jen-Hwa (2)

Author affiliation: (1) Department of Information Management, School of Management, National Central University, Taiwan; (2) Department of Operations and Information Systems, David Eccles School of Business, University of Utah, United States

Corresponding author: Wang, E.T.G.(ewang@mgt.ncu.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Dynamic capabilities enable firms to reconfigure limited resources or relative strengths to respond to rapid changes in market conditions. This study considers the central role of IT in creating and enhancing dynamic capabilities by analyzing the essential determinants of dynamic marketing capabilities and proposing a model that includes market orientation, IT infrastructure capabilities, and use of IT to support CRM. Tests using a large-scale survey support the model and most of its hypotheses. The results reveal significant effects of a firm's market orientation and use of IT to support CRM and the functionality of IT infrastructure capabilities on dynamic marketing capabilities.

Number of references: 41

Main heading: Industrial management

Controlled terms: Electronic commerce - Electronics industry - Enterprise resource management - Marketing

Uncontrolled terms: Dynamic capabilities - IT infrastructures - It supports - Market orientation - Marketing capability

Classification code: 723.5 Computer Applications

Computer Applications

- 911.4 Marketing

Marketing

- 912.2 Management

Management

Funding Details: Number: NSC94-2416-H-008-001, NSC98-2752-H-002-003-PAE, Acronym: -, Sponsor: -;

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Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

51. A functional model for data analysis and result visualization

Accession number: 20130716022106

Authors: Spyratos, Nicolas (1); Simonenko, Ekaterina (1); Sugibuchi, Tsuyoshi (1)

Author affiliation: (1) LRI-CNRS UMR 8623, Université Paris-Sud XI, 91405 Orsay Cedex, France

Corresponding author: Spyratos, N.(spyratos@lri.fr)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In several Web based applications (e-commerce, e-learning, digital libraries, etc.) one needs to display a dense array of information in a small amount of space (such as a screen) in a manner that communicates clearly and immediately. The information displayed is usually aggregates of results obtained through analysis of large amounts of data. We present a functional model that supports the data analysis and aggregation process, and a prototype that supports casual users in doing the following: (a) construct an analytic query visually, in an interactive manner, (b) visualize the aggregate result in a user selected mode (histogram, pie, etc.), (c) explore the query result by providing equivalent representations at different aggregation levels or for different parameter values selected by the user.

Number of references: 5

Main heading: Data visualization

Controlled terms: Aggregates - Data handling - Data reduction - Digital libraries - E-learning - Electronic commerce - Electronics industry - Query processing - Visualization

Uncontrolled terms: Aggregation level - Aggregation process - Analytic query - Functional model - Large amounts of data - Query results - Visual interaction - Web-based applications

Classification code: 406 Highway Engineering

Highway Engineering

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

52. Examination of four channels of flow

Accession number: 20130716022115

Authors: Teng, Ching-I (1); Lin, Shu-Hua (1)

Author affiliation: (1) Department of Business Administration, Chang Gung University, Taiwan

Corresponding author: Teng, C.-I.(chingit@mail.cgu.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The four channels of flow (Csikszentmihalyi & Csikszentmihaly, 1988) posit that high and low levels of skills and challenges comprise flow, boredom, frustration, and apathy. This theory has been frequently applied to explanation of flow formulation. This theory, however, lacks empirical evidences on if high/low skill/challenge formulates the four channels. Empirical evidence of the formulation of the four channels of flow is necessary for ensuring its validity. This study thus sampled 253 online gamers to examine whether skills and challenges formulate the four channels of flow. Consistent with the theory of the four channels of flow, this study found that gaming skill is positively related to flow and boredom, whereas negatively related to frustration and apathy. Challenge encountered in gaming is positively related to flow, frustration, whereas negatively related to apathy. However, this study did not observe a theoretical negative relation between challenge and boredom, indicating the necessity for future research.

Number of references: 20

Main heading: Electronics industry

Controlled terms: Electronic commerce - Patient rehabilitation

Uncontrolled terms: Apathy - Boredom - Challenge - Flow theories - Four-channel - Frustration - Skill

Classification code: 461.5 Rehabilitation Engineering and Assistive Technology

Rehabilitation Engineering and Assistive Technology

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

53. Building trust in online shopping: The moderating effect of individualism and collectivism

Accession number: 20130716022167

Authors: Cheung, Sze Hang (1); Chang, Man Kit (1)

Author affiliation: (1) Department of Finance and Decision Sciences, Hong Kong Baptist University, Hong Kong, Hong Kong

Corresponding author: Cheung, S.H.(ceciliamint@gmail.com)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: As online shopping becoming more global, consumers with different culture had different consideration when shopping online. Thus, this study attempts to investigate how one specific dimension of culture, individualism-collectivism, moderates the relationship between online trust and its determinants. The determinant factors under investigation include perceived risk, privacy, security, social exchange and information content. Data collected from customers of online shops from Hong Kong and Switzerland were used to test the research model. The result indicated that perceived risk had a negative relationship with Trust. Perceived risk had a stronger effect on trust for collectivists than individualists. Also, Security had a positive relationship with trust. The study showed that information content was positively related to trust of online vendors. Information content had a stronger effect on trust for individualists than collectivists.

Number of references: 46

Main heading: Electronic commerce

Controlled terms: Cell culture - Electronics industry

Uncontrolled terms: Determinant factors - Individualism collectivisms - Information contents - Moderating effect - Online shopping - Perceived risk - Research models - Social exchange

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

54. The impact of is employees' perceived fairness on organizational commitment in post-merger information systems integration

Accession number: 20130716022154

Authors: Lee, Changjin (1); Lee, Jung-Hoon (1); Yang, Jung-In (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Despite the proliferation of mergers and acquisitions (M&As) for last few decades, lots of M&As have failed to fulfil planned objectives and to create synergy. Many researchers pointed out the failure of post-merger information systems (IS) integration as one of critical causes for M&A failure. This study, based on organizational justice theory (OJT), proposes a research model to identify the impact of IS employees' perceived fairness on their organizational commitment during post-merger integration stage. In addition, the relationship between those variables and organizational trust and job insecurity is also examined. We expect the results of this study can contribute to provide some guidelines for the firms that is now integrating IS systems after M&A or considering M&A in the future.

Number of references: 64

Main heading: Mergers and acquisitions

Controlled terms: Electronic commerce - Electronics industry - Employment - Information systems - Information use - Integration - Merging - Personnel

Uncontrolled terms: Information systems integration - Job insecurity - Organizational Commitment - Organizational justice theory - Post-merger integrations - Trust

Classification code: 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 912.4 Personnel

Personnel

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

55. Towards a framework for aligning RFID applications with supply chain strategies

Accession number: 20130716022212

Authors: Leung, Jerrel (1); Chu, Sung-Chi (1); Cheung, Waiman (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Supply chain management has two streams of strategies, namely lean and agile. However, current RFID applications tend to overlook supply chain strategies and are designed for obvious RFID applications, like simply replacing barcodes. However, the full potential of RFID might not be achieved when RFID applications are not aligned with the supply chain strategies. Therefore, this study analyzes the current literature to investigate whether RFID applications are indeed misaligned with their strategies. Results shows that RFID is still at its infancy and most RFID applications focus on cost reduction, a lean practice, and less attention has been paid on how RFID can satisfy customer demands, an agile practice. It is therefore suggested that management should ensure that RFID applications are aligned with their supply chain strategy, in order to gain the most benefits out of RFID.

Number of references: 51

Main heading: Supply chain management

Controlled terms: Cost reduction - Customer satisfaction - Electronic commerce - Electronics industry

Uncontrolled terms: Agile practices - Customer demands - Lean practices - RFID applications - Supply chain strategy - Two-stream

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

56. Corporate social responsibility initiatives of major Asian airlines

Accession number: 20130716022178

Authors: Chen, Fang-Yuan (1); Lin, Yeong-Shen (2)

Author affiliation: (1) Department of Transportation Technology and Management, Feng Chia University, Taichung, Taiwan; (2) Department of Rapid Transit Systems, Kaohsiung City Government, Taiwan

Corresponding author: Chen, F.-Y.(fychen@fcu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Corporate social responsibility (CSR) plays an important role in the formation of airlines' strategies due to the unique characteristics of the airline industry. Nevertheless, CSR in the airline industry has received relatively little attention from academics. The purpose of this study is to present a preliminary exploration of the CSR issues being addressed and reported by twelve major Asian airlines. This research is exploratory by nature and is based on the CSR reports published by the selected airlines and related CSR information on the company websites. The main focuses of major Asian airlines' CSR commitments and practices are identified, which will set the foundation for future enquiry and research.

Number of references: 11

Main heading: Air transportation

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Airline industry - Asia - Corporate social responsibilities (CSR)

Classification code: 431.1 Air Transportation, General

Air Transportation, General

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

57. Procuring innovation on Internet-based markets

Accession number: 20130716022130

Authors: Ge, Ruyi (1, 2); Zhang, Pengzhu (1)

Author affiliation: (1) Antai College of Management, Shanghai Jiaotong University, China; (2) Department of Electronic Commerce, Shanghai Business School, China

Corresponding author: Ge, R.(geruyi@sjtu.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The Internet-based market is rising as a viable venue for the procurement of innovation solutions. There are two major procurement mechanisms existing in the market practices: contest and RFP. We investigate the factors that affect a firm's preference of one mechanism over the other. We divide innovation problems into two categories:

exploitive innovation problem and exploratory innovation problem. For an exploitive innovation problem, technologies used in solutions already exist, and the outcome of the solution is determined by the type and the effort of a solver. For an exploratory problem, technologies are not available; solvers need to go through an exploratory process but the result of his effort is uncertain. We establish the boundary condition for solution seeker's decision on procurement mechanism. For an exploitive innovation problem, RFP is preferred in an open-participation market unless the distribution of the solvers' type has a big variance; for an explorative innovation problem, contest will be preferred in most cases except that the solver pool of the market is small. Moreover, the amount of a cash award, the effort coefficient, and the degree of the randomness endowed in a technology exploratory process all have effect on seekers' decision.

Number of references: 12

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Contest - Innovation solutions - Internet based - Open innovation - Procurement mechanisms

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

58. Designing a social networking prototype: An Action Research approach in building a user-centric Web 2.0 system

Accession number: 20130716022145

Authors: Ractham, Peter (1); Firpo, Daniel (2)

Author affiliation: (1) Faculty of Commerce and Accountancy, Thammasat University, Bangkok, Thailand; (2) School of Information Systems and Technology, Claremont Graduate University, Claremont, United States

Corresponding author: Ractham, P.(Peter.Ractham@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In this paper we explore the possibility of using Web 2.0 technology to build a social networking tool, where users are the main participants during the design and implementation phases. Although Web 2.0-related research has gained momentum in recent years, much of the research focuses solely on studies where users only use the system instead of playing an integral part in the design process as well. Our study relies on both users' input and usage patterns to drive each step of the design and implementation cycles. Hence, we employ both Soft System Methodology and Action Research to diagnose, evaluate, and provide guidelines and research instruments to examine various types of Web 2.0 technologies and services. We present a prototype, the purpose of which is to help users accomplish networking within a small group. We also discuss lessons learned from the project's life cycle from the perspectives of both the system's users and its designers.

Number of references: 12

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - Life cycle - Social sciences computing - User centered design

Uncontrolled terms: Action research - Design and implementations - Project's life cycle - Research instruments - Soft - Soft system methodology - Web 2.0 - Web 2.0 Technologies

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

59. Constructing an online property management system for leisure farms

Accession number: 20130716022247

Authors: Liu, Tsong-Zen (1); Lin, Meng-Cheng (2)

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Corresponding author: Liu, T.-Z. (ltzen@mail.nkhc.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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ISSN: 16830040

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Taiwan's flourishing tourism industry has stimulated the development of a small and medium-sized hotel industry, including leisure farms. Nevertheless, most small hotel operators lack sufficient hotel operation and management knowledge. Although the adoption of appropriate property management systems (PMSs) could help small hotels improve management performance, the huge purchase costs and maintenance expenses of conventional property management systems make them unsuitable for most leisure farms and other small hotels. In order to overcome this problem, this study tries to take a nominal leisure farm in South Taiwan as an example, and employs the "Web service" concept to create a suitable online property management system. The findings of this study reveal that a Web service model incorporating the concepts of "software as a service" and "service-oriented architecture" can successfully reduce software deployment time and costs, hardware adoption costs, and overall maintenance manpower costs.

Number of references: 31

Main heading: Service oriented architecture (SOA)

Controlled terms: Costs - Electronic commerce - Electronics industry - Hotels - Information services - Leisure - Software as a service (SaaS) - Tourism - Web services - Websites

Uncontrolled terms: Hotel industry - Leisure farm - Maintenance expense - Manpower costs - Operation and management - Property management - Software deployment - Web Service modeling

Classification code: 402.2 Public Buildings

Public Buildings

- 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.5 Computer Applications

Computer Applications

- 903.4 Information Services

Information Services

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

60. The role of perceived critical mass in explaining we-intention to use instant messaging for team collaboration

Accession number: 20130716022230

Authors: Shen, Aaron X.L. (1); Lee, Matthew K.O. (2); Cheung, Christy M.K. (3); Chen, Huaping (1)

Author affiliation: (1) Department of Information Systems, University of Science and Technology of China, CityU Joint Research Center, Suzhou, China; (2) Department of Information Systems, City University of Hong Kong, Hong Kong, Hong Kong; (3) Department of Finance and Decision Sciences, Hong Kong Baptist University, Hong Kong, Hong Kong

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Today, instant messaging has been becoming a major communication technology in business environment. One important causal factor related to the use of instant messaging is critical mass. Specifically, the use of instant messaging requires collective efforts and interdependence among two or more people, and thus is conceptualized as intentional social action in the current study. Drawing on prior studies of social influence and critical mass, we propose a research model and empirically evaluate it using survey data collected from 227 respondents. The results indicate that perceived critical mass impacts usage we-intention both directly and indirectly through attitude and social influence factors. We believe the findings of this study will provide important implications to both researchers and practitioners.

Number of references: 40

Main heading: Economic and social effects

Controlled terms: Electronic commerce - Electronics industry - Message passing - Surveys

Uncontrolled terms: Critical mass - Instant messaging - Social influence - Theory of reasoned action - We-intention

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

61. Post-adoption behaviors of e-bookstore customers

Accession number: 20130716022128

Authors: Tsai, Bor-Yuan (1); Yen, Yu-Ren (2)

Author affiliation: (1) Dept. of Information Commerce, Aletheia University, Taiwan; (2) Dept. of Information Management, Far East University, Taiwan

Corresponding author: Tsai, B.-Y.(by.tsai@mt.au.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 209-216

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Although trade costs for both sellers and buyers can be reduced through the usage of e-commerce, however low transfer costs and global competition cause that the e-bookstores to have to maintain their customer loyalty is more difficult than traditional shopping stores. The formations of the customer loyalty of e-bookstores have been explored by many researchers from different points of view, such as service quality, satisfaction and trust. Nevertheless, the current bottleneck of e-commerce operation is that consumers are no longer continuing using e-bookstores. Based on the theory of Post-Acceptance Model, this study empirically tested using a field survey of e-bookstore customers. According to the deconstruction of online store environment, the factors of expectation-confirmation contain the confirmation of information contents, the confirmation of system platform and confirmation of web services quality. The results showed that satisfaction and perceived usefulness are significant predictors of continuance intention. The expectation-confirmation factors except the confirmation of system platform are significant predictor of satisfaction and perceived usefulness. The implications of these findings for e-bookstore continuance theory and practice are proposed in the final section.

Number of references: 25

Main heading: Customer satisfaction

Controlled terms: Electronic commerce - Electronic publishing - Electronics industry - Sales - Web services

Uncontrolled terms: Acceptance models - Continuance intentions - E-commerce operations - Information contents - Perceived usefulness - Post-adoption behavior - Satisfaction - Theory and practice

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

62. A process virtualization theory approach to understanding the usage continuance of cross-channel instant messaging

Accession number: 20130716022195

Authors: Li, Mengxiang (1); Oh, Lih-Bin (1); Wang, Kanliang (1)

Author affiliation: (1) Department of Information Systems, College of Business, Xi'an Jiaotong University, China

Corresponding author: Li, M.(Mengxiang.li85@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 739-745

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ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Increasingly, we are witnessing the advent of IM software on mobile devices for users to communicate with other users who are using either the desktop or mobile channel. The emergence of such cross-channel instant messaging (CCIM) demands a renewed understanding of users' continuance behaviours. In this research-in-progress paper, we draw upon the process virtualization theory perspective to extend the expectation-confirmation model for IT (ECM-IT). According to PVT, we propose that users' confirmation of using the virtualized CCIM is determined by the communication process's dimensions of sensory, synchronism, relationship, and identification & control. In addition, we propose that the extent to which the communication dyads make mutual adaptation to one another will moderate the relationship between confirmation and perceived usefulness of CCIM. We expect our findings to make theoretical

contributions to the domain of research on IT usage post-adoption behaviours as well as managerial implications to CCIM application developers and other stakeholders in the mobile industry.

Number of references: 36

Main heading: Virtualization

Controlled terms: Electronic commerce - Electronics industry - Message passing

Uncontrolled terms: Application developers - Communication process - Expectation-confirmation models - Instant messaging - Managerial implications - Mutual adaptation - Perceived usefulness - Process virtualization

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

63. An extended utaut model for the study of negative user adoption behaviours of mobile commerce

Accession number: 20130716022192

Authors: Lai, Donny Chi-Fai (1); Lai, Ivan Ka-Wai (2); Jordan, Ernest (3)

Author affiliation: (1) Department of Computer Science, City University of Hong Kong, Hong Kong, Hong Kong; (2) Faculty of Management and Administration, Macau University of Science and Technology, China; (3) Macquarie International, Macquarie University, Australia

Corresponding author: Lai, D.C.-F.(donnylai@cityu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Publication year: 2009

Pages: 720-728

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: An extended Unified Theory of Acceptance and Use of Technology (UTAUT) for mobile commerce (m-commerce) was empirically tested using data collected from a web survey distributed to and through the Hong Kong undergraduates and postgraduates. The partial least squares (PLS) technique of the structural equation modeling (SEM) was used to evaluate the causal model and the confirmatory factor analysis (CFA) was performed to examine the reliability and validity of the measurement model. Findings indicated that the new construct of Disturbance Concerns (DC) is a significant factor affecting users' behavioural intention. This study aims to understand both the positive and negative factors that can significantly explain user acceptance intention and use behaviour so that service providers can adjust their strategies for providing successful m-commerce services. It also provides a base for further research on the user acceptance models of new information systems.

Number of references: 26

Main heading: Mobile commerce

Controlled terms: Behavioral research - Electronic commerce - Electronics industry - Factor analysis - Least squares approximations - Reliability analysis - Scanning electron microscopy

Uncontrolled terms: M-commerce - Partial least square (PLS) - Structural equation modeling - User acceptance - UTAUT

Classification code: 723.5 Computer Applications

Computer Applications

- 921.6 Numerical Methods

Numerical Methods

- 922.2 Mathematical Statistics

Mathematical Statistics

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

64. Time-decay-based reputation method for buyers making decisions in online shopping

Accession number: 20130716022137

Authors: Mu, Ping (1); Chang, Maiga (1)

Author affiliation: (1) School of Computing and Information Systems, Athabasca University, Canada

Corresponding author: Mu, P.(pingmu@hotmail.com)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Trust and reputation is considered a significant part of the Internet marketing. Internet transactions or interactions involve anonymity of participants, which are more risky on account of uncertainty about the quality of service or identity of service providers. Reputation system is a mechanism to determine who is trustworthy and induce Internet marketing's participants to maintain a good reputation while performing Internet activities. We consider that the evaluation of service provider's reputation or participant's honesty and responsibility constrained in some way by three factors, they are service quality, transaction time, and dollar value involved in the transaction(s), we called them as triple constraint. Very little research had done to pinpoint the relationship between trust and reputation with this triple constraint, especially when trust decay and time decay factors involved in the reputation evaluation process. We propose and investigate a novel dynamic trust and reputation framework based on the three factors mentioned above to reflect the more realistic reputation of the service providers in the Internet market.

Number of references: 23

Main heading: Internet service providers

Controlled terms: Electronic commerce - Electronics industry - Feedback - Marketing - Quality control - Quality of service

Uncontrolled terms: Internet marketing - Internet transaction - Online shopping - Reputation - Reputation systems - Time decay - Trust - Trust and reputation

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 731.1 Control Systems

Control Systems

- 911.4 Marketing

Marketing

- 913.3 Quality Assurance and Control

Quality Assurance and Control

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

65. A framework for positioning the global business

Accession number: 20130716022124

Authors: Hamilton, John (1)

Author affiliation: (1) School of Business and IT, James Cook University, Cairns, Australia

Corresponding author: Hamilton, J.(John.Hamilton@jcu.edu.au)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This framework offers positioning and revitalizing approaches by which high performing global businesses may strategically meet their global business challenges. These approaches offer ways to capture business competitiveness, and if approached in unison can yield additional benefit to the global business. A more responsive, revitalized global business can emerge - one capable of moving its position in conjunction with business-monitored customer drift or changed customer requirements. Several business or operational solutions, plus business-customer interface approaches, and a final services gateway system offer three challenging ways for the leading-edge global business to revitalize itself, and to competitively re-position itself closer to its customers. By setting very tough goals, the global business can then intelligently link its operational, business-customer interface and customer knowledge capture zones into a finely-tuned, multiple-channel services gateway connectivity system. Built outwardly from the interface this approach continually analyses, aligns, and refocuses the back-end business deliverables, as its best solution to each customer requirement.

Number of references: 17

Main heading: Electronics industry

Controlled terms: Competition - Electronic commerce - Gateways (computer networks) - Sales

Uncontrolled terms: Business customers - Business strategy - Customer knowledge - Customer niches - Customer requirements - Multiple channels - Operational solutions - Service value network

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

66. The research of effective factors on is planning capability of IT organization

Accession number: 20130716022242

Authors: Sung, Dongchul (1); Lee, Junghoon (1); Kim, Dongho (1)

Author affiliation: (1) Graduate School of Information, Yonsei University, Seoul, Korea, Republic of

Corresponding author: Sung, D.(sungdongchul@hanmail.net)

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Pages: 404-419

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In fast-paced business environments, most businesses rely on IT. Business units continuously require planning, development and management of IS aligning with their business strategies. In this continuous process, an IS organization performs business analyses as well as planning and application functions for IS environments in a position of mediator between both business and IT units. In recent years, monitoring and evaluation of developed information systems has become an important tasks, which is inevitable and essential for making IT investment decision. This organization is generally referred to as an 'IS strategic planning team', 'IT planning team', 'information strategic team', and 'IT strategy planning team', etc., and is collectively referred to as an 'information strategic organization'. This paper aims to identify 'IS Planning Capability' as the most important critical factor for information strategic organizations and examined how different factors that can affect planning capability, and further impacts on IS planning satisfaction in business units.

Number of references: 30

Main heading: Electronics industry

Controlled terms: Electronic commerce - Investments - Strategic planning

Uncontrolled terms: Application functions - Business environments - IS planning - Is strategic planning - It investment decisions - Monitoring and evaluations - Strategic IS - Strategic organizations

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

67. Moving away from traditional elements to build trust in e-commerce

Accession number: 20130716022224

Authors: Goethals, Frank G. (1); Giangreco, Antonio (1); Cho, Nicole (1)

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Issue date: 2009

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Pages: 1008-1014

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper investigates the evolution in variables that lead customers to trust an online shop or not. On the basis of samples taken in 2004 and in 2008 in Seoul (South Korea), it is shown that website visitors tend to trust online shops of generally well known companies. Certification marks granted by trusted third parties to online shops do not seem to induce trust, although a small positive trend seems noticeable. Offering accurate, easy to find product information on the website induced trust in 2004, but did no longer do so in 2008. All in all, the 2004 South Korean customer seemed to do business on the Internet like in the real world. However, by 2008 he seemed to be slowly moving away from that traditional way of buying things on the Internet to an Internet-specific way where other elements are considered to decide whether an online shop can be trusted.

Number of references: 52

Main heading: Electronics industry

Controlled terms: Electronic commerce - Websites

Uncontrolled terms: Online shops - Product information - Real-world - South Korea - Traditional elements - Trusted third parties

Classification code: 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

68. Trust-building mechanisms and knowledge sharing in virtual communities

Accession number: 20130716022231
Authors: Chang, Chun-Ming (1); Yen, Chia-Hui (2); Cheng, Hsiang-Lan (3)
Author affiliation: (1) Department of Tourism Information, Aletheia University, Taiwan; (2) Department and Graduate Program in International Business, Ming Chuan University, Taiwan; (3) National Kaohsiung First University of Science and Technology, Taiwan
Corresponding author: Chang, C.-M.(cmchang@mail.au.edu.tw)
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Issue date: 2009
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Pages: 1070-1079
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Conference name: 9th International Conference on Electronic Business, ICEB 2009
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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Although trust has received much attention in the virtual communities (VCs) literature, few studies have been conducted to examine how trust develops in VCs. Drawing from prior literature on trust and knowledge sharing, a research model for understanding the antecedents of trust and the role of trust in VCs is presented. Data was collected from 324 members of a technical virtual community to test the model. The results help in identifying how the factors fall into three trust-building mechanisms build trust in the context VCs. The study discusses the theoretical and managerial implications of this study and proposes several future research directions.
Number of references: 48
Main heading: Social networking (online)
Controlled terms: Electronic commerce - Electronics industry - Knowledge management
Uncontrolled terms: Future research directions - Knowledge-sharing - Managerial implications - Research models - Trust - Trust-building mechanisms - Virtual community
Classification code: 723 Computer Software, Data Handling and Applications
Computer Software, Data Handling and Applications
- 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

69. IOS-enabled control in mobile service partnership-a case study

Accession number: 20130716022159
Authors: Nie, Lei (1); Zhang, Jinlong (1)
Author affiliation: (1) School of Management, Huazhong University of Science and Technology, China
Corresponding author: Nie, L.(nl8201@gmail.com)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue date: 2009
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Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In mobile service partnership (MSP for short), partners' opportunism has become a serious question which obsessed mobile network operators (MNO for short) and impedes healthy growth of mobile services chain. For loose-coupled inter-organizational cooperation partnership, the implementation of formal control is often faced with many challenges. Meanwhile, mobile communication service industry is one of highest-level IT/IS equipped sector, how IT/IS affects control mechanism in MSP is the main objective of this study. Drawing from a typical case study, we identify what characteristics of MSP are more vulnerable to inclination of opportunism. On the other hand, we report the significant role that inter-organizational system (IOS)-enabled process control played in curbing opportunism in MSP from this case. Lastly, we conclude some managerial implication of our study.

Number of references: 17

Main heading: Mobile telecommunication systems

Controlled terms: Control engineering - Electronic commerce - Electronics industry - Mergers and acquisitions - Service industry

Uncontrolled terms: Control mechanism - Inter-organizational systems - Interorganizational cooperation - Managerial implications - Mobile communication services - Mobile network operators - Mobile service - Partnership

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

70. Mindlessly following partly mindless leaders the case of RFID implementations

Accession number: 20130716022210

Authors: Goethals, Frank G. (1); Tütüncü, Yazgi (1); Lin, Chieh-Yu (2); Caron, Alban (1)

Author affiliation: (1) IESEG School of Management, 3 Rue de la Digue, 59 000 Lille, France; (2) Department of International Business, Chang Jung Christian University, Taiwan

Corresponding author: Goethals, F.G.(f.goethals@ieseg.fr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 875-885

Language: English

ISSN: 16830040

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper studies drivers for RFID (Radio Frequency IDentification) adoption. The mindlessness/mindfulness theory is applied to the context of RFID implementation decisions. Several types of mindless and mindful decision making drivers are put forward. Hypotheses are tested using a questionnaire that was answered by 122 Chinese companies. The data shows mixed support for the applicability of the mindlessness/mindfulness theory. Companies which notice other companies adopt RFID technology are motivated to adopt the technology as well. Late RFID implementers seem to take decisions more mindlessly than early RFID implementers. Still, early RFID

implementers also take decisions mindlessly. Neither late implementers nor early implementers can be qualified as being fully mindless: both groups also take decisions mindfully.

Number of references: 28

Main heading: Radio frequency identification (RFID)

Controlled terms: Decision making - Electronic commerce - Electronics industry - Surveying - Surveys

Uncontrolled terms: Chinese companies - Mindfulness - Mindlessness - Mixed supports - Rfid adoption (Radio Frequency Identification) - RFID Technology

Classification code: 405.3 Surveying

Surveying

- 716.3 Radio Systems and Equipment

Radio Systems and Equipment

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

71. Mobile services in Hubei: Adoption model and empirical analysis

Accession number: 20130716022193

Authors: Mao, Mingsong (1); Zhang, Jinlong (1); Liu, Yuqing (1)

Author affiliation: (1) School of Management, Huazhong University of Science and Technology, Wu Han, China

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Mobile Commerce has developed rapidly in China with the characters of ubiquity, location relevance, convenience and personalization. The researches on technology, value chain, business models, user adoption have become a hot topic among academics. Based on the classical Davis' TAM theory and the expansions of it, and the predecessors' research on perceived enjoyment and perceived cost, this study builds an adoption model of Mobile value-added services in Hubei Province. In the variety of individual mobile value-added business, four most commonly used services are extracted in this study, including Mobile Instant Message, Multimedia Messaging Service, WAP Web browse and Multi-media Downloads to represent the overall situation. According to the result of empirical analysis based on valid data of questionnaires, perceived enjoyment and perceived cost are the most influential factors. Six of the seven hypotheses in this study are verified.

Number of references: 18

Main heading: Mobile commerce

Controlled terms: Cost benefit analysis - Electronics industry - Mobile telecommunication systems - Multimedia services - Surveys

Uncontrolled terms: Empirical analysis - Influential factors - Instant messages - Mobile value-added services - Multimedia messaging service - Perceived enjoyment - Personalizations - User adoptions

Classification code: 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

- 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

72. Forefront office in service systems: Concept and design

Accession number: 20130716022215
Authors: Suh, Yongyoon (1); Lee, Hakyoon (1); Park, Yongtae (1)
Author affiliation: (1) Department of Industrial Engineering, School of Engineering, Seoul National University, Korea, Republic of
Corresponding author: Suh, Y.(yue2000@snu.ac.kr)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
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Issue date: 2009
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Pages: 912-918
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Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Conventionally, service systems have been considered to comprise two main offices: the front office and the back office. However, a new managerial office is needed to relate customers with technology as technology-based services play a critical role for customers prior to two main offices. Nevertheless, there is no attention to management of this new area. In this sense, this paper suggests a novel concept of the "forefront office" as the new area to represent service activities. The forefront office is defined as a service facility which allows customers to be provided with services by themselves using technology-based services prior to the front office. For design of the proposed forefront office, a modified service blueprint is proposed. Following on the design structure of the forefront office, three topologies of the forefront office are also proposed based on the modified service blueprint. The forefront office is expected to reduce labour costs and improve customer satisfaction in terms of mass customization.
Number of references: 26
Main heading: Customer satisfaction
Controlled terms: Electronic commerce - Electronics industry - Sales - Topology - Wages
Uncontrolled terms: Forefront office - In-service systems - Mass customization - Service activities - Service blueprint - Service facilities - Service system designs - Technology-based
Classification code: 723.5 Computer Applications
Computer Applications
- 912.4 Personnel
Personnel
- 921.4 Combinatorial Mathematics, Includes Graph Theory, Set Theory
Combinatorial Mathematics, Includes Graph Theory, Set Theory
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

73. Effect of web mining on B2B marketing

Accession number: 20130716022119
Authors: Gupta, S.L. (1); Gupta, Hitesh (1)
Author affiliation: (1) Department of Management, Birla Institute of Technology, Deemed University, Noida Campus, India
Corresponding author: Gupta, S.L.(bitresearch@gmail.com)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Language: English

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The Indian B2B marketplace in IT sector is going through a transformation. Both existing and new players are experimenting with new Buying solutions through internet as they lack a seamless flow of information among customers, suppliers and their employees. This research paper attempts to analyse the effect of web mining on B2B marketing on the basis of certain parameters of Web Positioning, Product Availability, Layout of a web site and Ease in Accessibility. Further, analysis regarding the relationship between age, qualification, profession and income group has been done. Thus, the main purpose of the research work is to discuss the relation of various variables related to web mining, and the extent of their influence on the success of B2B marketing of a product.

Number of references: 41

Main heading: Data mining

Controlled terms: Electronic commerce - Electronics industry - Internet - Marketing

Uncontrolled terms: B2B marketplaces - B2B procurement - e-Procurement - IT sector - Product availability - Research papers - Web Mining - Web positioning

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

74. IT outsourcing success in healthcare industry: Build your capabilities on multiple fronts within the institutional framework

Accession number: 20130716022173

Authors: Chen, Hwang-Yeh (1); Wang, Sophia (2); Tian, Jie Jenny (3)

Author affiliation: (1) Department of Accounting Information, Tzu Chi College of Technology, Taiwan; (2) Department of Business Administration, National Dong Hwa University, Taiwan; (3) School of Hotel and Tourism Management, Chinese University of Hong Kong, Hong Kong

Corresponding author: Chen, H.-Y.(hyjchen@tccn.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 591-599

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ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In this manuscript we report the findings from an in-depth case study about the factors that determine IT outsourcing success in the healthcare industry. Healthcare organizations in Taiwan are faced with increasing institutional pressures in the forms of hospital accreditation systems and national insurance program requirements.

We found that organizations appeared to have adopted similar outsourcing practices under institutional pressures. However, whether or not an organization could successfully implement an outsourcing decision depends on the organization's IT capabilities, governance capabilities, and capabilities to manage its relationship with the vendor. Research implications of these results are discussed.

Number of references: 25

Main heading: Outsourcing

Controlled terms: Electronic commerce - Electronics industry - Health care

Uncontrolled terms: Capabilities - Healthcare industry - Healthcare organizations - Institutional framework - Institutional pressures - IT outsourcing - IT outsourcing success - Outsourcing decisions

Classification code: 461.7 Health Care

Health Care

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

75. Utilizing business intelligence framework for leveraging product lifecycle management

Accession number: 20130716022103

Authors: Myllärniemi, Jussi (1); Okkonen, Jussi (1); Kärkkäinen, Hannu (1)

Author affiliation: (1) Department of Business Information Management and Logistics, Tampere University of Technology, Finland

Corresponding author: Myllärniemi, J.(jussi.myllarniemi@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 9-16

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Product lifecycle management is a concept for managing product related information. Besides product related information decision-makers urge processed information of other types as well. A solution for managing this kind of business information is business intelligence. In this paper is studied how business intelligence framework could be utilized in the context of product lifecycle management in order to refine information for better decision-making. The study is based on theoretical findings of business intelligence as a solution for product lifecycle information management challenges. As a conclusion the paper points out how business intelligence, and especially business intelligence tools, e.g. data warehousing and data mining, are efficient way to refine information products in order to support decision-making.

Number of references: 28

Main heading: Life cycle

Controlled terms: Data mining - Data warehouses - Decision making - Electronic commerce - Electronics industry - Information management - Warehouses

Uncontrolled terms: Business information - Data warehousing and data mining - Decision makers - Information products - Management challenges - Processed information - Product life cycle management - Product-life-cycle

Classification code: 694.4 Storage

Storage

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

76. A comparative study of consumers' intention to use mobile Internet in USA, Russia and China

Accession number: 20130716022153

Authors: Vatanparast, Ramin (1); Qadim, Hamed Z. (2)

Author affiliation: (1) Nokia Inc., Mountain View, CA, United States; (2) Asia Pacific International College, Iran

Corresponding author: Vatanparast, R.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: As the mobile Internet has been used explosively worldwide, the effects of cultural factors on mobile Internet usage have been an interesting issue. Cross-cultural studies on the mobile phone internet may improve our understanding of individuals' attitude toward mobile phone internet in different countries and provide advantages for marketing of mobile internet services in different cultural contexts. This paper uses an extension model of Technology Acceptance Model (TAM) to provide the theoretical foundation for this study. The data was collected through a survey study of over 3000 consumer in 3 countries of USA, Russia and China. The findings present several insights into the position of mobile phone internet usage in the different market. Such insights allow mobile service providers and mobile marketers to create more customized strategies to launch new internet based services or mobile marketing campaigns. This paper ends with both theoretical and practical implications and limitations of the study results.

Number of references: 137

Main heading: Web services

Controlled terms: Cellular telephones - Electronic commerce - Electronics industry - Marketing

Uncontrolled terms: Comparative studies - Cross-cultural study - Extension models - Internet-based services - Mobile Internet services - Mobile service providers - Technology acceptance model - Theoretical foundations

Classification code: 718.1 Telephone Systems and Equipment

Telephone Systems and Equipment

- 723.5 Computer Applications

Computer Applications

- 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

77. A design framework for online support systems of e-government in China

Accession number: 20130716022147

Authors: Deng, Shasha (1, 2); Zhang, Pengzhu (1)

Author affiliation: (1) Department of Management Information Systems, Shanghai Jiaotong University, Shanghai 200052, China; (2) Department of Computer Science, Shanghai University of Electric Power, Shanghai, 200090, China

Corresponding author: Deng, S.(dengshasha1108@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: With development of e-government systems, there are many big changes in Chinese government's efficiency. However, the SARS revealed low efficiency is still serious. After the analysis of the factors affected on the efficiency, we find that traditional DSS is hard to support decision maker and that online support systems may improve the officials' work effectiveness better. Unfortunately, little attention has been given to the research. In this paper, we will discuss the cultural characteristics of Chinese government. And then, based on the theory of Time-based Competition in governmental workflow, we summarize the four characteristics of online support systems. Furthermore, we propose the design framework for online support systems (OSS) in context of e-government in China, which consists of three major parts: the single OSS, the collaborative OSS and the mobile OSS. Also the detailed function and procedure of the three parts are presented. Analysis shows that the OSS contributes to developing efficiency in the official decision making.

Number of references: 20

Main heading: Online systems

Controlled terms: Decision making - e-government - Efficiency - Electronic commerce - Electronics industry

Uncontrolled terms: Big changes - Chinese Government - Decision makers - Design frameworks - Developing efficiency - E-government systems - Online support - Time-based competition

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

78. An exploration into Thai Internet users' attitude towards CAPTCHA

Accession number: 20130716022202

Authors: Tangmanee, Chatpong (1); Sujarit-Apirak, Paradorn (1)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: CAPTCHA standing for Completely Automated Public Turing test to tell Computers and Humans Apart has received a remarkable amount of attention. Deciphering distorted texts mostly in English is still a human, not a computer task, that could help prevent abuse of online services. The current CAPTCHA requires users to be able to read English alphabets. As such, Thai CAPTCHA may be the choice for Thai Internet users who are not familiar with English. However, no published work has examined the extent to which Thai Internet users are aware of CAPTCHA. This study thus attempts to survey their awareness of, and attitude toward, CAPTCHA. Based on the 340 number of usable online questionnaire submission, Thai Internet users are aware of CAPTCHA but their understanding needs little fine-tune. Using exploratory factor analysis, their attitude towards CAPTCHA was classified into two dimensions. They perceived (1) drawback of general CAPTCHA and (2) feasibility of Thai CAPTCHA. In addition to extending our insight into application of CAPTCHA in the Thai Internet user context, online service providers could initiate certain plans in response to their attitude and understanding.

Number of references: 21

Main heading: Electronic mail filters

Controlled terms: Electronic commerce - Electronics industry - Factor analysis - Internet - Natural resources exploration - Surveys

Uncontrolled terms: Attitude - CAPTCHAs - Exploratory factor analysis - Internet users - On-line service - Online questionnaire - Thai users - Two-dimension

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

79. A framework for the design of speech-enabled self-care ehealth systems

Accession number: 20130716022107

Authors: Oyelami, Olufemi Moses (1); Uwadia, Charles Onuwa (2); Akinwale, Adio Taofeek (3)

Author affiliation: (1) Covenant University, Ota, Nigeria; (2) University of Lagos, Akoka, Nigeria; (3) University of Agriculture, Abeokuta, Nigeria

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 49-55

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The Internet provides a wide range of health information and services which consumers access for self-care and to participate in a more informed way in their healthcare when they see their physician. This information and services are however, delivered in text form and therefore, does not cater for the needs of the non-computer literate, the visually impaired and the blind. This paper presents a framework for the design of speech-enabled self-care e-Health systems. Reasoning-induced disease diagnosis which existing speech-based disease screening systems lack has been incorporated into the framework to enable systems based on the framework diagnose more than one type of disease. Based on the framework, speech-based self-care e-Health system (SSeS) prototype application was developed. The originality of this framework is that it is speech-based. This takes care of the health needs of the category of people earlier identified and the underserved people, majority of those who are domiciled in Africa.

Number of references: 25

Main heading: eHealth

Controlled terms: Diagnosis - Electronic commerce - Electronics industry - Selenium compounds - Software prototyping - Speech - Sulfur compounds

Uncontrolled terms: Disease diagnosis - Disease screening - e-Health systems - Health informations - Reasoning - Self-care - Visually impaired - VoiceXML

Classification code: 461.6 Medicine and Pharmacology

Medicine and Pharmacology

- 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 751.5 Speech

Speech

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

80. Relationship among customer value, satisfaction, and loyalty of social network service

Accession number: 20130716026379

Authors: Wu, Kuan-Wei (1); Wu, Hsiu-Lan (2); Liang, Huei-Mei (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Social Network Service (SNS), is an innovative application and business model in recent years. It changes the development and communication of current social network and gathers tremendous viewers to create more business opportunities. However, what are the values that attract users to use SNS? This study focuses on the behaviors of SNS users in Taiwan by empirical research. From the customer point of view, satisfaction and loyalty could be relative to and affected by utilitarian value and hedonic value. Therefore, this study builds an applicable integrated model and uses Structural Equation Modeling to analyze the relations of constructs in the model. We find the following. (1) The constructs of the model are supported. (2) The utilitarian value can be measured by factors of sociality, convenience, and information availability; hedonic value can be measured by factors of adventure, escapism, and affiliation. (3) The utilitarian value and hedonic value affect customer satisfaction; customer satisfaction affects word of mouth and repatronage intention. (4) The utilitarian value and hedonic value positively affect word of mouth and repatronage intention, but providing a good customer satisfaction can enhance word of mouth and repatronage intention. (5) The influence of hedonic value is higher than that of utilitarian value.

Number of references: 41

Main heading: Customer satisfaction

Controlled terms: Electronic commerce - Electronics industry - Sales - Social networking (online)

Uncontrolled terms: Hedonic values - Repatronage intention - Satisfaction - Social network service (SNS) - Utilitarian value - Word of mouth

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

81. Mining implicit patterns of customer purchasing behavior based on the consideration of RFM model

Accession number: 20130716022110

Authors: Cheng, Liewean (1); Chen, Ja-Shen (1); Chang, Che-Wei (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Association rules have been developed for years and applied successfully for market basket analysis and cross selling among other business applications. One of the most used approaches in association rules is the Apriori algorithm. However the Apriori algorithm, has long known for its weaknesses that generate enormous amount of rules and already known facts. In this study, we integrate the RFM attributes with the classical association rule mining, Apriori. Based on RFM model, two indicators, RF score and Sale ratio, are used as measure of interestingness. We propose two algorithms, DWRF and DWRFE, to mine for implicit pattern. In our experimental evaluation, the performance of Apriori, DWRF and DWRFE are compared. The result of our algorithms offers an effective measurement of interesting patterns. Moreover, the DWRF algorithm that uses the RF score as a measure of interestingness seems to be able to promptly reflect the fast-changing customer's purchase patterns.

Number of references: 21

Main heading: Data mining

Controlled terms: Association rules - Electronic commerce - Electronics industry - Learning algorithms - Sales

Uncontrolled terms: Apriori algorithms - Business applications - Cross-selling - Experimental evaluation - Interestingness - Market basket analysis - Purchasing behaviors - Rfm models

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

82. Modeling medical summary sharing service with web services

Accession number: 20130716022109

Authors: Lin, Yung-Hsiu (1, 2); Chen, Rong-Rong (1); Chiang, Su-Chien (3); Chang, Her-Kun (4)

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Corresponding author: Chang, H.-K.(hkchang@mail.cgu.edu.tw)
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Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Enterprises are entering a new Internet era. The Web, initially designed for human use, will now evolve to better support automated use. In this new era, enterprises will have the capability to assemble large-scale systems out of network-bound software components within the reach of mass-market consumers. This study aims to depict the conversations between business processes and Web service technologies, explain what and how can Web services support message sharing between business partners. A Medical Summary Sharing process from IHE is implemented with Web services technologies in a Long-Term Care Management Center setting. In this scenario, one manager in Care Management Center uses a care plan creation application to evaluate care requirements for one patient. The conversations between the application and Web services are explained using Web Service Business Process Execution Language (WS-BPEL) in business process side and Web Services Description Language (WSDL) in technical side. We discovered that basic Web service technologies have matured enough to support enterprises in composition of Web services and further research should be made to identify novelty in using the technologies and to ensure operational quality while the services are consumed.
Number of references: 18
Main heading: Web services
Controlled terms: Electronic commerce - Electronics industry - Large scale systems - Websites
Uncontrolled terms: Business partners - Business Process - Care management - Operational quality - Service business - Software component - Web service technology - Web Services technologies
Classification code: 723.5 Computer Applications
Computer Applications
- 961 Systems Science
Systems Science
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

83. An integrated dataflow based model for digital investigation

Accession number: 20130716022165
Authors: Cheng, Che-Pin (1); Shaw, Ruey-Shiang (2); Liang, Te-Chao (2); Fu, Ta-Yu (2)
Author affiliation: (1) Information Management Department, TamKang University of Taiwan, Taiwan; (2) Department of Management Sciences and Decision Making, TamKang University of Taiwan, Taiwan
Corresponding author: Cheng, C.-P.(james@mail.tku.edu.tw)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
Issue date: 2009
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Language: English
ISSN: 16830040
Document type: Conference article (CA)
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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This study developed a highly adaptive digital forensic model, applicable to various situations, which clearly describes the digital forensic process and their purposes as well as ensuring the exactness and effectiveness of digital forensic results. It examined the viewpoint of the digital evidence process flow throughout an entire forensic process, and it hoped to provide a complete explanation of the digital forensic procedure and the details of execution. In addition, it proposed three new forensic concepts: primary, supported and comprehensive forensic procedures. The structural hierarchy constructed in the model can be expanded, then divided into its simplest forms, allowing independent task assignments. It further proposed several innovative digital forensic concepts, such as a new feedback mechanism. Finally, this model could provide a detailed list of the resources necessary for an entire forensic activity, applicable to management planning. This model provided a practical description approach and established a comprehensive and uniform digital expression form. The aim is to accumulate and to share experience and knowledge, hoping to create more mature and practical digital forensic science and to provide a reference for the practitioners of digital forensics.

Number of references: 25

Main heading: Digital forensics

Controlled terms: Computer crime - Data flow analysis - Digital integrated circuits - Electronic commerce - Electronic crime countermeasures - Electronics industry

Uncontrolled terms: Data flow - Digital investigation - Feedback mechanisms - Forensic data - Forensic procedures - Management planning - Structural hierarchies - Systematic decomposing

Classification code: 714.2 Semiconductor Devices and Integrated Circuits

Semiconductor Devices and Integrated Circuits

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

84. Normative legitimacy in the commercialization of online community website

Accession number: 20130716022123

Authors: Wang, Chih-Chien (1); Yang, Yann-Jy (2)

Author affiliation: (1) Graduate Institute of Information Management, National Taipei University, Taipei, Taiwan; (2) Graduate Institute of Technology and Innovation Management, National Chenchi University, Taipei, Taiwan

Corresponding author: Wang, C.-C.(wangson@mail.ntpu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Many online community websites start their operation by a not-for-profit business model, which attracts a lot of users to engage in. The huge user base and heavy Internet traffic could generate revenue and wealth for the websites. When the online communities are becoming popular, entrepreneurs of the online community website may hope to commercialize the online community. Nevertheless, some of community participants are against the commercialization of the online community website, since they regard that the property of online community is belonged to users rather than website owners. Users may challenge the legitimacy in the commercialization process of online community, and argue that the online community should be owned by the public rather than by a company since the enormous community participants put effort in it and make the website a popular one. This study used two case studies of online communities to explain the normative legitimate issues in the entrepreneurship of online community.

Number of references: 14

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - Online systems - Websites

Uncontrolled terms: Business modeling - Case-studies - Commercialization - Internet traffic - Normal legitimacy - On-line communities

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

85. Blog advertising effectiveness - An ad endorser perspective

Accession number: 20130716022162

Authors: Chiu, Kuang-Hui (1); Ho, Cheng-Hsun (1)

Author affiliation: (1) Department of Business Administration, National Taipei University, Taiwan

Corresponding author: Chiu, K.-H.(khchiu@mail.ntpu.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Many consumers routinely gather product information and appraisals via the Internet before making purchase decisions. For them, blogs are an important information source. Therefore, enterprises have begun using blogs as a new and effective instrument of product marketing. However, selecting the blog type that optimizes advertising effectiveness is now an important issue in corporate advertising. This study classifies blogs into three types (celebrity blog, expert blog, and typical consumer blog) and defines product type (experience product and search product) and brand awareness (high and low) as two product constructs. The aim is to help enterprises evaluate the type and brand awareness of a product to be promoted and to select the blog type that maximizes advertising effectiveness (perceived risk, ad attitude, brand attitude, and purchase intention) in diffusing product information. A quasi-experiment design was adopted, and twelve experimental contexts were designed. A valid sample of over 2,000 responses was collected to study between-group differences in advertising effectiveness. The analytical results showed between-group difference in advertising effectiveness, which indicated that blog advertising effectiveness varies with different combinations of product constructs and blog types.

Number of references: 32

Main heading: Blogs

Controlled terms: Electronic commerce - Electronics industry - Marketing

Uncontrolled terms: Advertising effectiveness - Analytical results - Blog - Brand awareness - Information sources

- Product information - Product types - Purchase intention

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

86. The effect of IT, geographical coverage, services, and managerial competence on 3PL service providers' performance in China

Accession number: 20130716022160

Authors: Zhao, Quanwu (1); Yeung, Jeff Hoi Yan (2); Zhao, Xiande (2); Zhang, Min (2); Bei, Xiaofen (3)

Author affiliation: (1) College of Trade and Administration, Chongqing University, China; (2) Department of Decision Sciences and Managerial Economics, Faculty of Business Administration, Chinese University of Hong Kong, Shatin, NT, Hong Kong; (3) Business School, Shantou University, China

Corresponding author: Zhao, Q.

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The resource-based view (RBV) indicates that firm performance is determined by the availability of rare and heterogeneous resources. It is important for third party logistics (3PL) firms to identify the core resources that will enable them to develop and maintain core competencies. In this study based on RBV theory, our objective is to test the effects of information technology (IT) infrastructure, IT capability, geographical coverage, range of services, and managerial competence on logistics service quality and financial performance among Chinese 3PL firms. Exploratory and confirmatory factor analysis and other tests were used to demonstrate the reliability and validity of our model constructs. Furthermore, the LISREL structural equation model estimation results illustrated that geographical coverage, range of services, and managerial competence have positive effects on financial performance; that information technology capability and managerial competence have positive effects on logistics service quality, and that geographical coverage and range of services have negative effects on logistics service quality.

Number of references: 22

Main heading: Service industry

Controlled terms: Electronic commerce - Electronics industry - Factor analysis - Managers - Outsourcing - Quality of service - Reliability analysis

Uncontrolled terms: Confirmatory factor analysis - Geographical coverage - Heterogeneous resources - Information technology infrastructure - Logistics service qualities - Reliability and validity - Structural equation modeling - Third party logistics (3PL)

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 912.4 Personnel

Personnel

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

87. Towards a paradigm for inter-organization e-Collaboration: Collaborative business

Accession number: 20130716022142

Authors: Chu, Sung-Chi (1); Cheung, Waiman (1); Chen, Gang (2)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong, Hong Kong; (2) Department of Logistics Engineering and Management, Sun Yat-sen University, China

Corresponding author: Chu, S.-C.(sungchi@cuhk.edu.hk)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: As the adoption of information technologies, especially the Internet technologies, there is an increasing interest on inter-organization collaboration in e-business. The 'collaboration's in the existing literatures often mean different. These diverse views make it difficult to understand what the collaboration is and to know what have been achieved and what still needs to be done. The paradigm of e-Collaboration has yet to be established. This paper provides a framework for Inter-organization e-Collaboration. The framework identifies the heart of e-Collaboration - joint intellectual efforts, which has seldom been explored by existing studies. Moreover, existing relevant literatures are organized and are analysed using the framework and future research directions are indicated based on the analysis.

Number of references: 27

Main heading: Electronics industry

Controlled terms: Electronic commerce - Information services

Uncontrolled terms: e-Collaboration - eBusiness - Electronic collaboration - Future research directions - Inter-organization - Inter-organization collaboration - Internet technology - Paradigm

Classification code: 723.5 Computer Applications

Computer Applications

- 903.4 Information Services

Information Services

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

88. Recycling e-waste: A solution through third party recycler

Accession number: 20130716022220

Authors: Zhong, Hua (1); Schiller, Shu (2)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: With 50 million metric tons of e-waste disposed worldwide each year, e-waste recycling has become an increasingly important issue globally. The U.S. alone generated a total of 3.01 million tons of e-waste in 2007, of which only 13.6% was recycled. Improper disposal of e-waste poses an immediate and prominent threat to environmental and public health. Many electronic vendors have initiated either the Expanded Producer Responsibility or the Producer Stewardship and launched manufacturer-sponsored recycling programs. Many of these programs, however, are in trouble because of the fee generated for recycling, thereby blocking the road for effective actions. In this paper, we propose a third party recycler model as an alternative solution to e-waste recycling. The third party recycler works as the intermediary between consumers (source of e-waste) and electronic vendors (recipient of recycled items) to recycle disposed electronics properly. The proposed information system is composed of five modules and supports the business operations and functionalities of the third party recycler. We hope the third party recycler structure will be adopted globally in the near future.

Number of references: 20

Main heading: Electronic Waste

Controlled terms: Electronic commerce - Electronics industry - Health risks - Information systems - Information use - Recycling - Waste disposal - Wastes

Uncontrolled terms: Alternative solutions - Business operation - E-waste recycling - Extended producer responsibility - Producer responsibilities - Producer stewardship - Recycling programs - Third parties

Classification code: 452.3 Industrial Wastes

Industrial Wastes

- 452.4 Industrial Wastes Treatment and Disposal

Industrial Wastes Treatment and Disposal

- 461.7 Health Care

Health Care

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

Numerical data indexing: Percentage 1.36e+01%

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

89. The relationships among sea-food restaurant service quality, perceived value, customer satisfaction and behavioral intentions using structural equation models: A case of Pengh

Accession number: 20130716022179

Authors: Kang, Huan-Chen (1); Wang, Ying-Wei (1)

Author affiliation: (1) Department of Hospitality Management, Marketing and Logistics Management, National Penghu University, Taiwan

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: To identify the relationships among sea-food restaurant service quality/ perceived value/satisfaction and behavioral intentions, this research establishes a study structure and formulates six hypotheses from the related literatures reviews. Structural equation models were used to validate the relationship based on the surveyed sample collected from the restaurants' tourists. The findings indicate that overall sea-food restaurant service quality positively and significantly influences perceived value, and overall sea-food restaurant perceived value had a significant role in influencing satisfaction. Additionally, overall sea-food restaurant perceived value and satisfaction are significant predictors of customer's behavioral intentions. Customer satisfaction can act as a partial mediator in the relationship between overall sea-food restaurant service quality, perceived value and behavioral intentions. However, restaurant's service quality did not positively influence either the customer satisfaction or the behavioral intentions. Furthermore, the constructs including responsiveness, assurance, and reliability are the appropriate observations to measure sea-food restaurant service quality which significantly influences the perceived value. Therefore, upgrading the responsiveness, assurance, and reliability on service quality in sea-food restaurant is an effective way to increase the customers' perceived value, satisfaction and behavioral intentions. This research results can be referenced by the restaurant owners/ operators in operational management.

Number of references: 23

Main heading: Customer satisfaction

Controlled terms: Electronic commerce - Electronics industry - Quality of service - Sales

Uncontrolled terms: Behavioral intention - Customers' satisfaction - Perceived value - Sea-food restaurant - Service Quality

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

90. The selection model for Compound or Portfolio Relationships oriented in Supply chain

Accession number: 20130716022180

Authors: Cheng, Jao-Hong (1); Lee, Chih-Ming (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: As the environment changed, the inter-organizational in Supply chain has been transferred from simple relations to complex relations "Compound or Portfolio Relationships". The main purpose of this research is to integrate external/internal resource and maintain flexible volatility of inter-organization for helping organizations/firms could increase the competitive advantage for them. To survey the current researches which discuss inter-organization in supply chain; it could be found that most literatures are focused on each simple relationship or portfolio relationship about their types and features. Our research uses multiple relative theory and interviews to perform the research. To develop theory model and analyse the nature of relations about compound relationships oriented and portfolio relationships oriented. The theoretical framework model concerns the influence of the difference selection factors between inter-organizational in supply chain. We hope this research will contribute to further studies and provide some suggestions for implementing management of the relationship between supply chains.

Number of references: 24

Main heading: Supply chains

Controlled terms: Competition - Electronic commerce - Electronics industry - Logistic regression

Uncontrolled terms: Competitive advantage - Compound Relationship - Discriminate analysis - Inter-organization - Inter-organizational - Portfolio Relations - Selection model - Theoretical framework

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

91. A methodology for identifying core technologies based on technological cross-impact: Association rule mining and ANP approach

Accession number: 20130716022187

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Publisher: CEUR-WS

Abstract: There have been attempts to examine technological structure and linkage as technological impact. Cross-impact analysis (CIA) has been mainly employed with cross-impact index to identify core technologies. Cross-impact index, however, cannot successfully capture the overall relationship based on the impacts among technologies. Furthermore, it is a time-consuming task to calculate all cross-impact index especially based on patents without developing computer program. To address this limitation, this study suggests new approach to identify core technologies in technological cross-impact interrelationship. Specially, the approach applied data mining technique and multi-criteria decision making (MCDM) method to the co-classification information of registered patents. At first, technological cross-impact matrix is constructed with the confidence values by applying association rule mining (ARM) to the co-classification information of patents. Then, Analytic Hierarchical Process (ANP), one of MCDM methods, is employed to the constructed matrix for identifying core technologies from the perspectives of overall cross-impacts. A case study of telecommunication technology is conducted to illustrate the process of executing and utilizing the proposed approach. It is expected that suggested approach could help technology planners to formulate strategy and policy for technological innovation.

Number of references: 44

Main heading: Data mining

Controlled terms: Association rules - Classification (of information) - Decision making - Electronic commerce - Electronics industry - Patents and inventions

Uncontrolled terms: Analytic hierarchical process - Analytic network process - Association rule minings (ARM)

- Classification informations - Core technology - Cross-impact analysis - Multi-criteria decision making -

Telecommunication technologies

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications
Computer Applications
- 903.1 Information Sources and Analysis
Information Sources and Analysis
- 912.2 Management
Management

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

92. Revenue sharing with multiple airlines and airports

Accession number: 20130716022248

Authors: Zhang, Anming (1); Fu, Xiaowen (2); Yang, Hangjun (1)

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Publisher: CEUR-WS

Abstract: This paper investigates the effects of concession revenue sharing between an airport and its airlines. It is found that the degree of revenue sharing will be affected by how carriers' services are related (complements, independent, or substitutes). In particular, when carriers provide substitutable services, the sharing proportions might become negative if horizontal substitutability is sufficiently strong. In these situations, while revenue sharing improves profit, it reduces social welfare. It is further found that airport competition results in a higher degree of revenue sharing than would be had in the case of single airports. Nevertheless, the airport-airline chains may derive lower profits through this revenue-sharing rivalry, and the situation is similar to a classic Prisoners' Dilemma. As the airport-airline chains move further away from their joint profit maximum, social welfare rises beyond the level achievable by single airports. Our analysis also shows that the (equilibrium) revenue-sharing proportion at an airport decreases in the number of its carriers, and increases in the number of carriers at the competing airports. Finally, the effects of the pure sharing contract are compared with those of the two-part sharing contract.

Number of references: 41

Main heading: Airports

Controlled terms: Air transportation - Electronic commerce - Electronics industry - Profitability

Uncontrolled terms: Airport competition - Prisoners' Dilemma - Revenue-sharing - Sharing contracts - Social welfare

Classification code: 431.1 Air Transportation, General

Air Transportation, General

- 431.4 Airports

Airports

- 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

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Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

93. The effect of customization service on flow experience and behavior intentions in customer co-design process

Accession number: 20130716022127

Authors: Pu, Wei-Ping (1); Chen, Kuo-Hsiang (1); Shieh, Meng-Dar (1); Fang, Hsiang-Ming (2)

Author affiliation: (1) Institute of Creative Industry Design, National Cheng Kung University, Taiwan; (2) Department of Business Administration, Providence University, Taiwan

Corresponding author: Pu, W.-P.(wedpu@yahoo.com.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Computer Mediated Environments (CMEs) prepared a satisfactory opportunity for providing customization service on line. This characteristics of synchronous and interactive allow designers or enterprises enhance to discover customer s' demands. Interface design plays a core role and influence customers' decisions. Yet, the research of this field also has varied investigation about "flow experience", which considerable attention has been paid in the past to research issues related to motionless state of customization product process in CMEs (e.g. system, technology, and communication tool et al.), a literature on issues of dynamic state has emerged only very slowly and in a more scattered way. It excited the curiosity of this study In this study, we attempt evaluate customization improvements of customer value by content customization and context customization. Further to investigate the relationships between content and context customization, flow experience and behavioral intentions when provide customer co-design service. According the findings, content customization service and context customization service provided enhanced the flow experience occur. Yet, the flow experience was significantly associated with behavior intension.

Number of references: 46

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Co-designs - Computer-mediated environment - Content customization - Customization - Customization products - Customization services - Flow experience - Interface designs

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

94. An empirical study of civil servants' lifelong e-learning continuance intention

Accession number: 20130716022155

Authors: Sun, Szu-Yuan (1); Wu, Chao-Yun (2); Wu, Chang-Yao (3); Chao, Pei-Ju (3)

Author affiliation: (1) Department of Information Management, National Kaohsiung First University of Science and Technology, Taiwan; (2) Institute of International Master of Business Administration, National Kaohsiung First

University of Science and Technology, Taiwan; (3) Graduate School of Management, National Kaohsiung First University of Science and Technology, Taiwan

Corresponding author: Sun, S.-Y.(sunny@ccms.nkfust.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: E-learning is an effective way for job-training and continuous education. In recognizing the need for civil servants to embrace the lifelong learning to sustain competitiveness, many countries around the world have created policies to develop e-learning. This study is focus on civil servants' e-learning continuance intention and through e-learning experience to achieve lifelong learning. Based on Information system (IS) success model proposed by Seddon (1997) and adding organizational factors (Incentive, Supervisor Support, and Technical Support) to survey civil servants' e-learning behaviour. The sample for the study was taken from the civil servants in Taiwan who have the experience of using the lifelong e-learning websites. The results also support Seddon's IS success model. Finally, the implications and limitations of the study are discussed.

Number of references: 45

Main heading: Learning systems

Controlled terms: E-learning - Electronic commerce - Electronics industry - Information systems - Information use - Personnel training - User experience

Uncontrolled terms: Continuance intentions - Continuous educations - Empirical studies - Information system success model - Life long learning - Organizational factors - Supervisor supports - Technical support

Classification code: 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

95. Effects of is characteristics on the e-business success factors for small- and medium-sized enterprises

Accession number: 20130716022126

Authors: Chang, She-I (1); Ho, Chin-Tsang (1); Chang, Li-Min (2); Chiang, Mei-Chen (1)

Author affiliation: (1) Department of Accounting and Information Technology, National Chung Cheng University, Taiwan; (2) Department of Information Management, National Chung Cheng University, Taiwan

Corresponding author: Chang, S.-I.(actsic@ccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The current research presents a theoretically sound model on information systems (IS) characteristics' effects on end-users' perception of computer self-efficacy and outcome expectations. Based on the IS success model and the social cognitive theory, the relationship among factors with regard to small- and medium-sized enterprises (SMEs) in Taiwan is examined. Using mail survey, 284 usable responses are obtained, and the total response rate is recorded at 51.64%. Structural equation modeling (SEM) is employed to assess the relationships among related constructs. In modeling the results of data analysis, it is shown that (1) there are no direct links between both information quality and service quality with computer self-efficacy, but the effect of system quality is observed; (2) the relationship between both system quality and service quality with outcome expectations is significant, but that with information quality is not; and (3) outcome expectations mediates the impacts of computer self-efficacy on end-users' satisfaction. Finally, the implications of the results are provided, and directions for future research are discussed.

Number of references: 37

Main heading: Electronics industry

Controlled terms: Electronic commerce - Information analysis - Quality of service - Surveys

Uncontrolled terms: Computer self-efficacy - End users' perceptions - Information quality - IS success model - Service Quality - Small- and medium-sized enterprise - Social cognitive theory - Structural equation modeling

Classification code: 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

Numerical data indexing: Percentage 5.16e+01%

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

96. E-services and tourism: A case study of UAE hotel industry

Accession number: 20130716022198

Authors: Chen, Wenshin (1)

Author affiliation: (1) Department of Management Information Systems, Abu Dhabi University, Abu Dhabi, United Arab Emirates

Corresponding author: Chen, W.(wenshinchen@hotmail.com)

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ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This proposed study seeks to develop specific e-service (electronic service) strategies that could help enhance competitiveness of Abu Dhabi's tourism in the global market in general and in the Gulf region in particular. As e-commerce (electronic commerce) increasingly transformed business operations in the contemporary networked economy, services provided by these emerging information and communication technologies (ICTs) became essential for global competition in tourism as well. With high growing number of luxury hotels, Abu Dhabi is in critical need of e-service framework that could help attract international tourists and better position itself in today's competitive global market. The proposed study could thus benefit the local hospitality industry in the following ways. It could first call for critical attention to e-service strategies that play a significant role in hospitality competition in many advanced

economies but are seemingly overlooked by the local industry. Secondly, the framework that the proposed study intends to develop would systematically outline strategic guidelines that are tailored to the specific social and cultural needs of the local hotel industry and in turn help utilize these emerging ICTs for competitiveness enhancement. Consequently, an advanced tourism image that differentiates Abu Dhabi from other major cities in the region or in the world could be established.

Number of references: 17

Main heading: Tourism

Controlled terms: Competition - Electronic commerce - Electronics industry - Hotels - International trade - Leisure industry - Service industry

Uncontrolled terms: Advanced economies - Business operation - E- services - E-service framework - Electronic services - Global competition - Hospitality industry - Information and Communication Technologies

Classification code: 402.2 Public Buildings

Public Buildings

- 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

97. Personality facets and customer loyalty in online games

Accession number: 20130716022114

Authors: Teng, Ching-I (1); Chen, Yun-Jung (1)

Author affiliation: (1) Department of Business Administration, Chang Gung University, Taiwan

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Publisher: CEUR-WS

Abstract: Online games have attracted numerous customers and brought stable revenues to game providers. However, some customers frequently switch to other games, and thus, it is important to identify which customers are likely loyal customers. The literature has identified openness, conscientiousness, and extraversion as predictors for loyalty in online games (Teng, Huang, Jeng, Chou, & Hu, 2008). However, the three broad traits contain multiple facets. Thus research addressing the three broad traits may mix the influences of multiple facets. Thus this study investigates the influences of personality facets on online game customer skill, challenge, flow experience, and loyalty. The sample comprised 994 online gamers. This study employed structural equation modeling for analysis, and found that (1) ideas and achievement striving are positively related to skill, (2) achievement striving, competence, and excitement-seeking are positively related to challenge, (3) gregariousness is positively related to interdependence, (4) fantasy, skill, challenge, and interdependence are positively related to customer likelihood of experiencing flow, and (5) experienced flow is positively related to customer loyalty. The study findings suggest managers improve gamer skill and challenge when gamers are in their early stages in online games, boosting their likelihood of experiencing flow and thus building their loyalty. Managers are also suggested to target individuals who are high in personality facets such as ideas, achievement striving, competence, excitement-seeking, to effectively build a loyal customer base. Educators are also suggested to notice students who are high in those personality facets, because these students may continuously play online games when they begin to play.

Number of references: 20

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry - Managers - Social networking (online)

Uncontrolled terms: Challenge - Customer loyalty - Flow experience - On-line games - Personality facet - Personality traits - Skill

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

98. A study on the satisfaction of supply chain management system from the view of justice and value

Accession number: 20130716022209

Authors: Sun, Szu-Yuan (1); Chao, Pei-Ju (2); Wu, Chang-Yao (2)

Author affiliation: (1) Department of Information Management, National Kaohsiung First University of Science and Technology, Taiwan; (2) Graduate School of Management, National Kaohsiung First University of Science and Technology, Taiwan

Corresponding author: Sun, S.-Y.(sunny@ccms.nkfust.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Due to the common, most enterprises have utilized information technology (IT) to enhance their competition and performance. Meanwhile, governments in Taiwan have encouraged enterprises to adapt e-commerce by putting policies and facilitating technology. Nevertheless, only few literatures discuss or evaluate the satisfaction of E-SCM after establishing information systems by enterprises. This research attempts to integrate three well-founded theories - Information System Success model (ISS), Organization Justice Theory and Consumer Value to develop our model. Using Structural Square Modeling (SEM) analysis performed on results of a questionnaire given to the providers of SCM who have established the E-SCM in their enterprises. The results showed that the distributive justice, procedural justice and interactive justice in the organization justice theory have a significant effect on the performance outcome in the E-SCM. It also showed that the system and service quality in the IS success model and the cost and service value in shopping value have a significant effect on the satisfaction of the E-SCM. The contribution of this study can be further research in academic and practical.

Number of references: 53

Main heading: Supply chain management

Controlled terms: Competition - Electronic commerce - Electronics industry - Information management - Information systems - Information use - Management information systems

Uncontrolled terms: Consumer value - Electronic supply chain management - Information system success model - IS success model - Performance outcome - Procedural justice - Service Quality - Supply chain management system

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use
Information Retrieval and Use
- 911.2 Industrial Economics
Industrial Economics
- 912 Industrial Engineering and Management
Industrial Engineering and Management
- 913 Production Planning and Control; Manufacturing
Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

99. Managing supply chain risk - Role of IT/IS

Accession number: 20130716022221

Authors: Seethamraju, Ravi (1)

Author affiliation: (1) Faculty of Economics and Business, University of Sydney, Sydney, Australia

Corresponding author: Seethamraju, R.(r.seethamraju@econ.usyd.edu.au)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Measures aimed at making supply chains more efficient and responsive have also made them more vulnerable and exposed to disruptions. These measures include increased off-shoring and outsourcing of manufacturing and product development activities, contract manufacturing, global sourcing, lean operations with reduced inventories, centralised distribution and warehousing, reduction of supplier base and tightly integrated supply chains. In addition to this increased sensitivity of supply chains, a significant increase in the frequency and number of events leading to major disruptions, and their magnitude is forcing organizations to take supply chain risk more seriously. This paper discusses the concept of supply chain risk, supply chain risk management, its dimensions and the role of information technologies in general, and enterprise systems in particular. It will discuss the challenges faced by business organizations in leveraging existing and future information technologies and systems and their double-edged role. While industry reference models have the potential to internalise supply chain risk management processes, their ability in identification and mitigation of the supply chain risk is limited and depends upon other IT-dependent factors, such as information visibility, trust, security of intellectual property information, ability to collect snapshots of demand, inventory and capacity at key nodes in the supply chain, and the sense and respond capability of the organization to deal with material flow disruptions.

Number of references: 30

Main heading: Supply chain management

Controlled terms: Electronic commerce - Electronics industry - Information management - Information technology - Manufacture - Outsourcing - Risk management - Supply chains

Uncontrolled terms: Enterprise system - Information technologies and systems - Information visibilities - Integrated supply chain - Product development activities - SCOR - Supply chain risk - Supply chain risk management

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 912.2 Management

Management

- 913 Production Planning and Control; Manufacturing
 Production Planning and Control; Manufacturing
 - 913.4 Manufacturing
 Manufacturing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

100. Critical factors influencing the extent of customer relationship management systems adoption in hospitals

Accession number: 20130716022116

Authors: Hung, Shin-Yuan (1); Hung, Wei-Hsi (1); Tsai, Chia-An (1); Jiang, Shu-Chen (1)

Author affiliation: (1) Department of Information Management, National Chung Cheng University, Taiwan

Corresponding author: Hung, S.-Y.(syhung@mis.ccu.edu.tw)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Customer relationship management system (CRMS) is an innovation technology which has dramatic impacts on healthcare quality and customer satisfaction. Although the critical factors for the adoption of information systems have been identified in prior studies, few of them specifically explore the extent of CRMS adoption in hospitals. To fill this gap, this study proposes an integrated model that incorporates both organizational and system related factors as primary determiners the extent of CRMS adoption in hospitals. A series of survey were conducted with three levels of health institutions including medical centers, regional hospitals, and community hospitals in Taiwan. The results indicated that hospital size and complexity have significant influence on the scope of CRMS adoption, and also indicated that hospital size, complexity and compatibility have significant influence on the depth of CRMS adoption in hospitals. These findings provided fruitful implications for both associated academics and practitioners.

Number of references: 41

Main heading: Hospitals

Controlled terms: Customer satisfaction - Electronic commerce - Electronics industry - Information management - Information systems - Information use - Management information systems - Public relations - Sales

Uncontrolled terms: Critical factors - Customer relationship management - Customer relationship management systems - Healthcare quality - Innovation technology - Integrated modeling - Medical center - Related factors

Classification code: 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

101. A case study for exploring dental patients' preferred roles in Taiwan

Accession number: 20130716022108

Authors: Cheng, Yon-Lin (1); Li, Ya-Hsin (2); Chang, Chi-Chang (1); Lee, Chung-Han (1)

Author affiliation: (1) School of Applied Information Sciences, Chung Shan Medical University, Taichung, Taiwan; (2) School of Health Policy and Management, Chung Shan Medical University, Taichung, Taiwan

Corresponding author: Chang, C.-C.(threec@csmu.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The purpose of this study was to explore the dental patients' preferred roles in Taiwan. A convenience sample of 66 patients, 26 recruited from one dental clinic, and 40 from one medical center, were interviewed and their preferences for participation in treatment decision making were established using a measurement tool designed to elicit decision-making preferences. Patients' preferences for participation in treatment decision making were established using Control Preference Scale (CPS) tool. In addition, Unfolding theory provided a means of analyzing the data so that the degree of control preferred by each patient could be established. This study found that nearly 70% clinic patients perceived passive role in treatment decision making whereas 50% patients in medical centre. Further, the collaborative role was most commonly preferred, but an active role was more commonly perceived in clinics than in medical centre. Finally, the implications of the results for patient participation are discussed.

Number of references: 11

Main heading: Patient treatment

Controlled terms: Decision making - Electronic commerce - Electronics industry - Hospitals

Uncontrolled terms: Degree of control - Dental clinics - Measurement tools - Medical center - Patients' preferences - Preference scale - Treatment decision makings - Unfolding theory

Classification code: 461.6 Medicine and Pharmacology

Medicine and Pharmacology

- 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Numerical data indexing: Percentage 5.00e+01%, Percentage 7.00e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

102. In.ventory management of platelets in hospitals: Optimal inventory policy for perishable products with emergency replenishments

Accession number: 20130716022205

Authors: Zhou, Deming (1); Leung, Lawrence C. (1); Pierskalla, William P. (2)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Shatin, N.T., Hong Kong; (2) UCLA Anderson School of Management, University of California, Los Angeles, 110 Westwood Plaza, Los Angeles, CA 90095, United States

Corresponding author: Zhou, D.(dzhou@cuhk.edu.hk)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Platelets are short-life blood components used in hospital blood transfusion centers. Excluding time for transportation, testing, and arrangement, clinically transfusable platelets have a mere three-day life-span. This paper analyzes a periodic review inventory system for such perishable products under two replenishment modes. Regular orders are placed at the beginning of a cycle. Within the cycle, the manager has the option of placing an emergency order, characterized by an order-up-to level policy. We prove the existence and uniqueness of an optimal policy that minimizes the expected cost. We then derive the necessary and sufficient conditions for the policy, based on which a heuristic algorithm is developed. A numerical illustration and a sensitivity analysis are provided, along with managerial insights. The numerical results show that, unlike typical inventory problems, the total expected cost is sensitive to the regular order policy. It also shows that the optimal policy is sensitive to changes in the expected demand, suggesting to decision makers the significance of having an accurate demand forecast.

Number of references: 18

Main heading: Dynamic programming

Controlled terms: Decision making - Electronic commerce - Electronics industry - Heuristic algorithms - Hospitals - Inventory control - Managers - Platelets - Sensitivity analysis - Stochastic systems

Uncontrolled terms: Emergency orders - Existence and uniqueness - Inventory management - Periodic-review inventory systems - Perishable items - Perishable product - Stochastic dynamic programming - Total expected costs

Classification code: 461.9 Biology

Biology

- 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 911.3 Inventory Control

Inventory Control

- 912.2 Management

Management

- 912.4 Personnel

Personnel

- 921 Mathematics

Mathematics

- 921.5 Optimization Techniques

Optimization Techniques

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

103. Modeling and evaluating of business revenue models under different product life cycles using system dynamics simulation

Accession number: 20130716022243

Authors: Wang, K.-J. (1); Tzeng, J.L. (1); Jiang, S.P. (1)

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Corresponding author: Wang, K.-J.(kjwang@mail.ntust.edu.tw)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Business revenue modelling is one of the important aspects of enterprise planning to create values for enterprises. In this study, we construct a system dynamics simulation model to evaluate various business revenue models applied to e-platforms. Machining tools industry is investigated as a case study. Products with different life cycles are examined as applying different business models. Computational experiments are conducted and results are discussed. Specific research issues/contributions of the study include: 1. To propose four effective business revenue models in such an industry. 2. To evaluate the proposed business revenue models as well as their advantages/disadvantages by a system dynamics simulation. 3. To address managerial implications of these business revenue models to the industry. As a conclusion to our research, we show that: (i) Firms with products under growth or mature stage of life cycle adopt/switch appropriate business revenue models conforming to their requirements in different stages and result in high performance outcomes than those remaining in a single business revenue model. (ii) Business revenue models represented by causal loops of system dynamics and examined by system simulation can capture not only steady states but transient states of business activities. By taking advantages of the proposed approach, managers can thus efficiently make right decisions for reducing time and cost.

Number of references: 8

Main heading: Life cycle

Controlled terms: Electronic commerce - Electronics industry - Managers - System theory

Uncontrolled terms: Business activities - Computational experiment - Managerial implications - Operate performance evaluate - Revenue models - System Dynamics - System dynamics simulation - Technology life cycle

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

104. Monitoring the evolutionary patterns of technological advances based on the dynamic patent lattice: A modified formal concept analysis approach

Accession number: 20130716022105

Authors: Lee, Changyong (1); Park, Yongtae (1)

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The strategic importance of monitoring changes in technology has been highlighted for achieving and maintaining firms' competitive positions. In this respect, among others, patent citation analysis has been the most frequently adopted tool. However, it is subject to some drawbacks that stem from only consideration of citing-cited information and time lags between citing and cited patents. In response, we propose a modified formal concept analysis (FCA) approach to developing dynamic patent lattice that can analyze the complex relations among patents and evolutionary patterns of technological advances. The FCA is a mathematical tool for grouping objects with shared properties based on the lattice theory. The distinct strength of FCA, vis-à-vis other methods, lies in structuring and displaying the relations among objects in the amount of data. The FCA is modified to take time periods into account for the purpose of technology monitoring. Specifically, patents are first collected and transformed into structured data. Next, the dynamic patent lattice is developed by executing a modified FCA algorithm based on patent context. Finally, quantitative indexes are defined and gauged to conduct a more detailed analysis and obtain richer information. The proposed dynamic patent lattice can be effectively employed to aid decision making in technology monitoring.

Number of references: 41

Main heading: Formal concept analysis

Controlled terms: Decision making - Electronic commerce - Electronics industry - Information analysis - Lattice theory - Patents and inventions

Uncontrolled terms: Competitive position - Formal concept analyses (FCA) - Mathematical tools - Monitoring change - Patent analysis - Patent citation analysis - Technological advances - Technology monitoring

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

- 912.2 Management

Management

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

105. Secure and transferable mobile ticketing using digital rights managements

Accession number: 20130716022190

Authors: Hsueh, Sue-Chen (1); Chuang, Shih-Chi (1)

Author affiliation: (1) Department of Information Management, Chaoyang University of Technology, Taiwan

Corresponding author: Hsueh, S.-C.(schsueh@cyut.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The increasingly matured mobile commerce enriches our daily lives. Mobile ticketing, a process that allows consumers to order, make payment, acquire, and authenticate tickets using their mobile phones, will become popular since it can be conducted from anywhere and at anytime. In addition to the convenience of use, the fabrication and distribution costs of traditional paper-tickets can be greatly reduced with mobile tickets. Many applications, such as traffic tickets, concert tickets, movie tickets, and so on, may take the advantages of mobile ticketing. Such tickets, in their paper-forms, can be transferred to anyone before use since no specific identity is recorded in these tickets. Nevertheless, current schemes restrict mobile tickets to be non-transferable because the transferring will result in the tickets being invalidated. To overcome the non-transferability problem, we use the idea of digital rights managements to separate the content and the usage-rules of mobile tickets, and propose a transferrable mobile ticketing scheme. The usage-rule, i.e. The rights object of the ticket, registers the ticket identification and a hashed number comprising an issuer's random number and the International Mobile Equipment Identity (IMEI) of the ticket owner. The rights object is independently issued by a trusted third party. When a ticket is transferred, the issuer will be notified and he will modify the rights object with a new hash value, computed from a new random number and the IMEI of the new owner who receives the transferred ticket. Therefore, mobile tickets are secured and transferrable in our proposed mobile ticketing scheme.

Number of references: 8

Main heading: Mobile commerce

Controlled terms: Copyrights - Electronics industry - Security of data

Uncontrolled terms: Current schemes - Digital Rights Management - Distribution costs - Mobile equipments - Mobile ticket - Mobile ticketing - Non-transferability - Trusted third parties

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 902.3 Legal Aspects

Legal Aspects

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

106. Organizational culture, supply chain management practices and organization's decision upon ERP systems

Accession number: 20130716022177

Authors: Tang, Mincong (1); Cheung, Waiman (1)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Shatin, New Territories, Hong Kong

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In recent years, more and more Chinese organizations have tried to adopt enterprise resources planning (ERP) systems to improve their supply chain management (SCM) practices and efficiencies and subsequently to

increase their competitiveness in the marketplace. However, compared with their Western counterparts, the failure rate of ERP implementation for the Chinese organizations is much higher. Many of them find it very difficult to select an ERP system that fits their management practices. We believe that cultural differences could be the important reason contributing to the phenomenon that existing Western-based ERP systems cannot be directly adopted in Chinese companies. In this study, we propose a theoretical model that stipulates how organizational culture affects ERP decisions through influencing supply chain management practices. The object of this study is not only to provide insights for Western ERP vendors to modify/localize their existing systems to better fit local Chinese practices; but also to provide guidance for Chinese companies to select ERP systems or to develop their own systems. Empirical data will be collected to validate the proposed model. In order to develop measurement constructs for the survey instrument, company visits and interviews are conducted. In this paper, we shall reveal the initial findings from the interviews and discuss the steps forward.

Number of references: 32

Main heading: Enterprise resource planning

Controlled terms: Decision making - Electronic commerce - Electronics industry - Failure analysis - Supply chain management

Uncontrolled terms: Cultural difference - Enterprise resources planning - Management practices - Organizational cultures - Supply chain management practices - Supply chain managements (SCM) - Survey instruments - Theoretical modeling

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 912.2 Management

Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

107. A framework for analysis on the process of Information System evaluation and investment decision

Accession number: 20130716022139

Authors: Lee, Young-Joo (1); Lee, Jung-Hoon (1); Park, Dong-Wan (1)

Author affiliation: (1) Graduate School of Yonsei University, Korea, Republic of

Corresponding author: Lee, Y.-J.(lyj@nia.or.kr)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Information System (IS) investment evaluation has long been issue in the IS research. Traditional positivistic research dealt with cost-benefit rationale regarding why and how evaluate. Afterwards social and political view added issue to this stream by embedding the organizational context that makes evaluation more fraught with difficulties. The purpose of this paper is to provide a theoretical foundation and justification of the various organizational aspects of IS evaluation and decision process. By reviewing recent research that adopts institutional theory perspective on this

issue and we develop two-staged evaluation process model constructed by the interaction among stakeholders and their roles. Participants of the process are two groups: IS evaluator group who evaluate the benefit of investment, and decision makers who examine suggestion of evaluator group and finally determine to invest or not. We argue that, during this interaction process, the organization's institutional context influences the extent of the formality of evaluation criteria and the procedural rationality. From this dynamic process perspective, we propose a multidimensional analysis framework that constitutes four types of evaluation orientation: Mixed, Positive, Negative, and Control Evaluation Orientation. With this framework we discuss how stakeholders behave and affect investment decision under each evaluation orientation. Likewise, we also discuss how financially justified IS investments can be sometimes rejected or otherwise accepted in the politically situated evaluation process. We believe that this framework expands our understanding of IS evaluation and decision process and therefore contribute to IS research in this field. Also to practitioners, this study provides several implications regarding how to maintain the formal/rational evaluation procedure and how to acquire organizational consensus under socially complex organizational environment.

Number of references: 61

Main heading: Investments

Controlled terms: Cost benefit analysis - Decision making - Decision theory - Electronic commerce - Electronics industry - Information systems - Information use

Uncontrolled terms: Institutional theory - Is evaluations - Is investments - Organizational context - Rationality

Classification code: 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 912.2 Management

Management

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

108. Toward kansei engineering model in service design: Interaction for experience in virtual learning environment

Accession number: 20130716022141

Authors: Peranginangin, Ezra (1); Chen, Kuo Hsiang (2); Shieh, Meng-Dar (2)

Author affiliation: (1) Institute of Creative Industry Design, National Cheng Kung University, Taiwan; (2) Industrial Design Department, National Cheng Kung University, Taiwan

Corresponding author: Peranginangin, E.(pa896701@mail.ncku.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Service design is an emerging trend shifting from product design era. Internet provides effective and efficient service media reaching customer at the exact time. Online media has become social network providing wide opportunity for business, pleasures, and education. This study is focusing on applying kansei engineering model for service design in virtual learning environment (VLE) as learning is concerning with experiencing the process. Various virtual world studies discover that VLE can provide powerful experience in learning. On the other hand, learning styles and learning space potentially enhance experiential learning. Experiential learning theory defines learning process as transformation process from experience to knowledge. Experience is one of important element in service design

principle. In addition, experience can be engineered by utilizing kansei engineering approach. Therefore, experience can be designed and engineered to achieve knowledge as service result. This study expected can guide service designers and learning curriculum designer in designing effective experiential learning method. The model developed from the analyzing and reviewing literature shows that kansei engineering can be utilized in experiential transformation process into knowledge and also in service in learning theory context.

Number of references: 45

Main heading: E-learning

Controlled terms: Computer aided instruction - Electronic commerce - Electronics industry - Learning systems - Machine design - Product design

Uncontrolled terms: Experiential learning - Experiential learning theories - Kansei Engineering - Learning process - Learning Theory - Service design - Transformation process - Virtual learning environments

Classification code: 601 Mechanical Design

Mechanical Design

- 723.5 Computer Applications

Computer Applications

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

109. Critical success factors on E-Government Application-from the view of government workers in Guangdong

Accession number: 20130716022136

Authors: Chen, Alexander N. (1); Chen, Yumei (1)

Author affiliation: (1) Macau University of Science and Technology, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This study used a sample of 293 government workers from Guangdong Province of Peoples Republic of China. Based on Delone and McLean's IS success model, we constructed the measurement scale for evaluating E-Government Applications success. We also examined impacts of five critical success factors (i.e. internal organization and management, quality of product and technology of suppliers, external technical environment, the external policy environment, and coordination and supportive ability of information center) on E-Government Applications. Some government characteristics and personal backgrounds were also included and explored as control variables. It was found that these five critical success factors are significantly related among themselves. It was also found from the Pearson correlation coefficients that all but external policy environment were statistically related with E-Government Application. The level of government (the City government level) and personal role as a top leader were also found to be important government and personal factors associating with E-Government Application success. A multivariate regression analysis was conducted to test five factors and two control variables. It is found that the model was statistically significant. Since the correlation among independent variables, it was found that internal organization management, external policy environment, City level government (a dummy variable) and user as a top leader (a dummy variable) were final significant variables. This was a paper originated from a doctoral dissertation. Time and resources were limited. Some potential areas for improvements and suggestions for further study were also presented.

Number of references: 12

Main heading: Public policy

Controlled terms: Correlation methods - e-government - Electronic commerce - Electronics industry - Enterprise resource planning - Environmental management - Multivariate analysis - Regression analysis

Uncontrolled terms: Critical success factor - E-Government applications - Multivariate regression analysis - Organization and management - Organization management - Pearson correlation coefficients - Peoples Republic of China - Technical environments

Classification code: 454.1 Environmental Engineering, General

Environmental Engineering, General

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 922 Statistical Methods

Statistical Methods

- 922.2 Mathematical Statistics

Mathematical Statistics

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

110. The analysis of antecedents for the Video Telephony Service adoption: From the Value-based perspective

Accession number: 20130716022244

Authors: Park, Jong-Sung (1); Ham, Ju-Yeon (1); Cho, So-Yun (1); Lee, Jung-Hoon (1); Park, Byung-Chan (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Korean Telecommunications Industry has a large scale market and boasts on high service quality and high technologies enough to provide the Video Telephony Service (VTS) satisfactorily. For many years, Korean telephone companies have been investing enormous sums to advertise their services widely and to allow their customers to change their cell phones for the third-generation (3G) devices indispensable for the service. However, despite their efforts, the VTS adoption rate in Korea is very low and it seems that customers seldom feel the necessity to use. From this viewpoint, it becomes necessary to find the antecedents influencing the intention to use for the VTS empirically. For this purpose, we proposed several hypotheses from the perspective of the Value-based Adoption Model (VAM). VAM is a conceptual model suggested to overcome some limitations of the Technology Acceptance Model (TAM) in explaining the adoption of new Information and Communication Technology (ICT) such as Mobile Internet where customers play the role of service consumer rather than simply technology users. We conducted a survey on 125 samples and found that customers perceive the value of VTS when they can recognize the service is functionally useful (Perceived Usefulness) and when they feel they can put themselves forward by using it (Self-Expression). On the other hand, the other factors including Technical Complexity, Privacy Concern and Perceived Price (Fee) don't have statistically significant influences on the Perceived Value of VTS.

Number of references: 63

Main heading: Service industry

Controlled terms: Electronic commerce - Electronics industry - Sales - Telecommunication industry - Telephone sets

Uncontrolled terms: Adoption model - Perceived value - Self-expression - Technology acceptance model - Video telephony

Classification code: 718.1 Telephone Systems and Equipment

Telephone Systems and Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

111. Securing mobile access of confidential documents by integrating trusted computing platforms with digital rights managements

Accession number: 20130716022191

Authors: Hsueh, Sue-Chen (1); Kuo, Chien-Chih (1)

Author affiliation: (1) Department of Information Management, Chaoyang University of Technology, Taiwan

Corresponding author: Hsueh, S.-C.(schsueh@cyut.edu.tw)

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Conference location: Macau, China

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The mature mobile network today empowers mobile employees to access Intranet documents via mobile devices and increases the productivity of company workers. Internal documents transmitted without encryption through the open mobile networks undoubtedly creates security holes for eavesdroppers. A common way to provide preliminary protections for an important document to be accessed outside the Intranet is to transmit the document after encryption. Such mechanisms, however, cannot assure the security of documents because the documents can be decrypted and then forwarded without protections once the ciphering keys were known. Therefore, we propose an approach to enhance the security of transmitted mobile documents, using the idea from digital rights managements. A confidential document is encrypted so that, except the targeted mobile user, none can read the confidential document without proper rights. The proposed approach utilizes the trusted computing platforms (TPM) technology to protect the rights object of a confidential document. A rights object can be as simple as a ciphering key of the document or as complicated as the usage-rules of the document. We use the public key in TPM to encrypt the rights object so that only the dedicated mobile device, i.e. The mobile user, may decrypt the rights object using the private key of the device. A malicious user can never decrypt the rights to access the transmitted document, which is encrypted. Moreover, the usage-rules in the rights object may specify whether the document can be further forwarded or be read more than once, and so on. Therefore, the proposed scheme provides maximum flexibilities for mobile employees to access confidential documents without compromising the security, in addition to the mobility and timeliness of mobile environments.

Number of references: 8

Main heading: Electronic document exchange

Controlled terms: Copyrights - Electronic commerce - Electronics industry - Mobile security - Mobile telecommunication systems - Network security - Personnel - Public key cryptography - Security of data - Trusted computing - Wireless networks

Uncontrolled terms: Digital Rights Management - Mobile access - Mobile enterprise - Mobile environments - Mobile users - Private key - Security holes - Trusted computing platform

Classification code: 716.3 Radio Systems and Equipment

Radio Systems and Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 902.3 Legal Aspects

Legal Aspects

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

112. Factors of employee's e-learning effectiveness: A multi-level study based on socio-technical systems theory

Accession number: 20130716022163

Authors: Wu, Wen-Chieh (1); Chen, Ming-Shiun (1); Chiu, Kuang-Hui (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Application of e-learning in enterprises provides the advantages of lower training cost, richer learning content, higher information consistency, and easier update of content. Despite the fact that enterprises have the intention to introduce e-learning, there is not a complete framework to which they can refer to ensure the benefits of e-learning for employee training or learning and understand which important factors affect employee's e-learning effectiveness. Relative to the difficulties of introducing e-learning in management practice, the academic achievements in this aspect also seem very limited. Most the existing papers are focused on discussion and survey of e-learning in school, and very few of them are dedicated to empirical research of e-learning in corporate environment. Besides, these studies discuss e-learning only at the technical or the individual level without a comprehensive investigation into the factors affecting e-learning effectiveness with multi-level theoretic framework. This paper applies the socio-technical systems theory to review and integrate theories about employee e-learning from a macro view. To make up the insufficiency of related research, literature review and case research are conducted first. Based on the interview results, an analysis model is constructed to thoroughly explore factors affecting employee's e-learning effectiveness. Later, through a questionnaire survey on employees' adoption of e-learning and subsequent multi-level data analysis, hypotheses on the relationship of the influencing factors and the research model are verified. Results show that e-learning effectiveness (usefulness of e-learning, continuance intention to use, and e-learning performance) is simultaneously or alternately affected by direct or moderating factors of the technical system and the social system at the work environment level and the individual level. Compared with the existing research, this paper uses a more comprehensive system view to construct the theoretical model and empirically verify it. The results can be a reference for future researchers and managers of e-learning in enterprises.

Number of references: 58

Main heading: Personnel training

Controlled terms: E-learning - Electronic commerce - Electronics industry - Factor analysis - Learning systems - Surveys - System theory

Uncontrolled terms: Academic achievements - Continuance intentions - Corporate environment - Management practices - Multi-level analysis - Questionnaire surveys - Sociotechnical systems - Sociotechnical systems theory

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

- 922.2 Mathematical Statistics

Mathematical Statistics

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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113. 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Accession number: 20130716022250

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ISSN: 16830040

Document type: Conference proceeding (CP)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS, Tilburg University, Netherlands

Abstract: The proceedings contain 148 papers. The topics discussed include: intensifying patient flow management by using data mining methods; a functional model for data analysis and result visualization; a case study for exploring dental patients' preferred roles in Taiwan; personality facets and customer loyalty in online games; analyzing the risk and financial impact of phishing attacks using a knowledge based approach; a review of approaches to ensure the quality of data collected on the Internet; a research review on entrepreneurial and entrepreneurial characteristics; virtual social identity development for customer electronic word-of-mouth participation; critical success factors on e-government application-from the view of government workers in Guangdong; a case study of remote monitoring of health status of the elderly at home in Taiwan; and modeling and evaluating of business revenue models under different product life cycles using system dynamics simulation.

Abstract type: (Edited Abstract)

Page count: 1123

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Data Provider: Engineering Village

114. Profiling interactive television research: A bibliometric review

Accession number: 20130716022170

Authors: Chen, Ada Hui-Chuan (1); Tsaih, Rua-Huan (1); Chou, Shrane-Koung (1)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Though the recent revolution in digital processing ushers the broadcasting industry into a new era, the interactive television (iTV) has been regarded as the third generation of broadcasting services and relevant issues of iTV have gained tremendous interests from both academics and practitioners. This article endeavours to profile the scholarly development of the interactive television literatures by utilizing bibliometric technique to review the literature material in SCIE, SSCI, and A&HCI databases appeared in 1970 to 2009. There are 228 documents in total. The analysis is conducted on such as most productive authors, authors' background, geographic diversity analysis (including countries and institutions), subject areas, publication year, and the citation analysis. The conclusions about the promising future, research direction, and the attribute of interactive television research are derived from this study.

Number of references: 6

Main heading: Interactive television

Controlled terms: Broadcasting - Digital television - Electronic commerce - Electronics industry - Service industry

Uncontrolled terms: Bibliometric - Bibliometric techniques - Broadcasting industry - Broadcasting service - Interactive television (iTV) - Interactive TV - SCIE - SSCI

Classification code: 716.4 Television Systems and Equipment

Television Systems and Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

115. The role of government to bridge digital gap between urban and rural area in Korea

Accession number: 20130716022140

Authors: Moon, Junghoon (1); Kim, Jin Ki (2); Rhee, Cheul (3)

Author affiliation: (1) Department of IT Business, Korean Advanced Institute of Science and Technology, Korea, Republic of; (2) Department of Business Administration, Korea Aerospace University, Korea, Republic of; (3) Department of E-Business, Ajou University, Korea, Republic of

Corresponding author: Moon, J.(jmoon@kaist.ac.kr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The Ministry of Food, Agriculture, Forestry and Fisheries (MIFAFF) in Korea has made an abundant effort to develop agricultural/rural informatization since the 1990's. Initially, it focused on the development of three different types of infrastructure to bridge the gap between rural and urban areas: household personal computer (PC) penetration, Internet use, and broadband Internet connection accessibility. The 81% of broadband accessibility in 2002 increased to 100% in rural areas in 2007. In addition, from 1998 to 2002, a total of 241,356 farmers took diverse education programs provided by MIFAFF. As a big effort from MIFAFF, Food and Agro-product e-commerce of Farmers has also increased continuously; as of 2009, its transaction is estimated as 1.89 billion USD. Many projects on u-Farm have been launched for future intelligent farming. However, MIFAFF are now facing new challenges.

Main heading: Rural areas

Controlled terms: Agricultural robots - Bridges - Electronic commerce - Electronics industry - Forestry - Personal computers

Uncontrolled terms: Agro-products - Broadband internet connection - Digital divide - Education programs - Informatization - Korean Government - Rural and urban - Urban and rural areas

Classification code: 401.1 Bridges

Bridges

- 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.5 Computer Applications

Computer Applications

Numerical data indexing: Percentage 1.00e+02%, Percentage 8.10e+01%

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

116. Welcome Message from Conference Chairs

Accession number: 20130716022239

Authors: Cheung, Waiman (1); Du, Timon (1)

Author affiliation: (1) Dept of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong

Corresponding author: Cheung, W.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Language: English

ISSN: 16830040

Document type: Journal article (JA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS, Tilburg University, Netherlands

Page count: 2

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

117. How does a retailer's service plan affect a manufacturer's warranty?

Accession number: 20130716022113

Authors: Jiang, Bo (1); Zhang, Xubing (2)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong, Hong Kong; (2) Hong Kong Polytechnic University, Hong Kong

Corresponding author: Jiang, B.(jiangbo_dse@baf.msmail.cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS, Tilburg University, Netherlands

Number of references: 24

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

118. E-government from a Web 2.0 prospective

Accession number: 20130716022144

Authors: Wong, Kam-Fai (1)

Author affiliation: (1) Centre for Innovation and Technology (CINTEC), Faculty of Engineering, Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Corresponding author: Wong, K.-F.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 335-336

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS, Tilburg University, Netherlands

Number of references: 9

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

119. Electronic word-of-mouth: Impact on music sales in the American market

Accession number: 20130716022156

Authors: Morales-Arroyo, Miguel (1); Pandey, Tushar (1)

Author affiliation: (1) Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore, Singapore

Corresponding author: Morales-Arroyo, M.(mangel@ntu.edu.sg)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 431-436

Language: English

ISSN: 16830040

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Internet, today, is a popular communication and feedback sharing platform. Digital content is also readily available over the internet. These two phenomena have propelled the electronic interaction among music consumers to new heights. Our study investigates the contribution of electronic word-of-mouth (eWOM) to the sales of music albums. We studied the American music market for 13 consecutive weeks. The Sales data for these weeks was correlated to the eWOM data for the period mentioned before.

Number of references: 23

Main heading: Electronics industry

Controlled terms: Electronic commerce - Sales

Uncontrolled terms: Albums - EWOM - Power-law - Ranks - Word of mouth

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

120. Extending the Biggs 3P teaching and learning model: A structural equation modeling approach

Accession number: 20130716022227

Authors: Hamilton, John (1); Tee, Singwhat (1)

Author affiliation: (1) School of Business and IT, James Cook University, Cairns, Australia

Corresponding author: Hamilton, J.(John.Hamilton@jcu.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 1037-1042

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: A structural equation modeling approach is used to build understanding of the Biggs 3P model of teaching and learning within the tertiary institution sector. A learning quality dependent construct is used to show the Biggs 3P construct blocks do display significant two way interactions between each and every construct, and so act as an interlinked system.

Number of references: 65

Main heading: Learning systems

Controlled terms: Education - Education computing - Electronic commerce - Electronics industry - Teaching

Uncontrolled terms: Blended - Flexible - Learning mode - Student outcomes - Student perceptions - Tertiary - Traditional

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

121. A review of approaches to ensure the quality of data collected on the internet

Accession number: 20130716022120

Authors: Cheng, Chun-Hung (1)

Author affiliation: (1) Dept of Systems Engineering and Engineering Management, Chinese University of Hong Kong, Shatin, NT, Hong Kong

Corresponding author: Cheng, C.-H.(chcheng@se.cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 136-141

Language: English

ISSN: 16830040

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Different approaches have been used to detect errors in data collected on the Internet. Some of these existing approaches require prior knowledge of data. Others have to test a large number of parameter values. To address these limitations, two approaches have been recently proposed. In this paper, we review these two approaches.

Number of references: 18

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Prior knowledge - Quality of data

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

122. Cross-entropy of uncertain variables

Accession number: 20130716022234

Authors: Chen, Xiaowei (1)

Author affiliation: (1) Uncertainty Theory Laboratory, Department of Mathematical Sciences, Tsinghua University, Beijing 100084, China

Corresponding author: Chen, X.(chenxw07@mails.tsinghua.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In order to deal with the divergence of uncertain variables from a prior one, this paper is devoted to introduce the concept of cross-entropy for uncertain variables and study the minimum cross-entropy principle.

Number of references: 24

Main heading: Entropy

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Cross entropy - Minimum cross-entropy principle - Uncertain variables

Classification code: 641.1 Thermodynamics

Thermodynamics

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

123. The value-expectations model: A service industry relationship for targeting customers

Accession number: 20130716022217

Authors: Hamilton, John (1); Tee, Singwhat (1)

Author affiliation: (1) School of Business and IT, James Cook University, Cairns, Australia

Corresponding author: Hamilton, J.(John.Hamilton@jcu.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 929-931

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This study builds an equation relating business service expectation options (measured as expectation intention and expectation extension) against three multi-dimensional customer perceived value dimensions (measured as performance, service and satisfaction). The model is suitable for investigation of customer perceived service value under structural equation modeling approaches.

Number of references: 28

Main heading: Service industry

Controlled terms: Customer satisfaction - Electronic commerce - Electronics industry - Sales

Uncontrolled terms: Competitiveness - Customer services - Expectation - Performance - Satisfaction - Value

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

124. Heartthrob in cyberspace - The characteristics of the popular online daters

Accession number: 20130716022228

Authors: Wang, Chih-Chien (1); Wang, Yi-Ting (1)

Author affiliation: (1) Institute of Information Management, National Taipei University, Taiwan

Corresponding author: Wang, C.-C.(wangson@mail.ntpu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Online dating websites are currently popular application for Internet users to make new friends and find their partners. An interesting observation is that some people are more popular than others in online dating websites. The

current study focus on the personal profile characteristics which make one a popular dater. By two field surveys, this study discusses the relationship between online daters' personal profiles and their popularity.

Number of references: 21

Main heading: Electronics industry

Controlled terms: Electronic commerce - Social networking (online) - Websites

Uncontrolled terms: Cyberspaces - Field surveys - Internet users - Online dating - Online relationship - Personal profile

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

125. L2 p-forms and Ricci flow with bounded curvature on manifolds

Accession number: 20130716022238

Authors: Liu, Baiyu (1); Ma, Li (1)

Author affiliation: (1) Department of Mathematical Sciences, Tsinghua University, Beijing 100084, China

Corresponding author: Liu, B.(liuby05@mails.tsinghua.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Pages: 1114-1118

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ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In this paper, we study the evolution of L2 p-forms under Ricci flow with bounded curvature on a complete noncompact or a compact Riemannian manifold. We show that under the curvature operator bound condition on such a manifold, the weighted L2 norm of a smooth p-form is non-increasing along the Ricci flow. The weighted L1 norm is showed to have monotonicity property too.

Number of references: 15

Main heading: Electronics industry

Controlled terms: Electronic commerce - Forming

Uncontrolled terms: Bounded curvature - Curvature operator - Monotonicity - Monotonicity property - Ricci flows - Riemannian manifold - Weighted l

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

126. A practical case study of the interactive TV service as a time-critical product

Accession number: 20130716022169

Authors: Huang, Chiung-Yu (1); Chi, Yan-Ping (1); Chang, Shih-Yu (1)

Author affiliation: (1) Information Division, National Chengchi University, Lee-Ming Institute of Technology, Taiwan

Corresponding author: Huang, C.-Y.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 540-545

Language: English

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Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: In this paper, we conducted a case study of time-critical goods - NG goods. We expected the study to integrate the field of information management and the TV broadcasting field, thereby creating a new wave of potential for the information management field after e-commerce. We suggest two perspectives germane to industry development: the development of the whole industry, and, the operation of the individual companies.

Number of references: 19

Main heading: Information management

Controlled terms: Digital television - Electronic commerce - Electronics industry - Interactive television - Television broadcasting

Uncontrolled terms: Industry development - Interactive TV - Time-critical - TV broadcasting

Classification code: 716.4 Television Systems and Equipment

Television Systems and Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

127. The value of sponsored ads for XML documents

Accession number: 20130716022203

Authors: De Rougemont, Michel (1)

Author affiliation: (1) University Paris II LRI, CNRS, France

Corresponding author: De Rougemont, M.(mdr@lri.fr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 821

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: We study how sponsored ads which are classically inserted in Web pages could also be inserted in XML documents such as Ebooks. Advertisers set prices for words and DTDs, and a Vickrey mechanism would select an ad for some price. The approximate distance between a document and any DTD, which is easy to compute, allows to associate a value to a new document in such a market, as a combination of the price and the distance. We describe a simple auction for one ad and its generalization to several ads.

Number of references: 2

Main heading: Electronics industry

Controlled terms: Electronic commerce - Websites - XML

Uncontrolled terms: Auctions - Distances - E-books - Value of information

Classification code: 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

128. Report on the Lp non-local flow and its application to population model

Accession number: 20130716022236
Authors: Cheng, Liang (1); Ma, Li (1)
Author affiliation: (1) Department of Mathematical Sciences, Tsinghua University, Beijing 100084, China
Corresponding author: Cheng, L.(chengliang07@mails.tsinghua.edu.cn)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue date: 2009
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Pages: 1103-1105
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS

Abstract: In this paper, we propose a new non-local population model, which is of logistic type equation on a bounded Lipschitz domain in the whole Euclidean space. This model preserves the L2 norm, which is called mass, of the solution on the domain. We show that this model has the global existence, stability and asymptotic behavior at time infinity.

Number of references: 17
Main heading: Electronics industry
Controlled terms: Convergence of numerical methods - Electronic commerce
Uncontrolled terms: Asymptotic behaviors - Euclidean spaces - Global existence - ITS applications - Lipschitz domain - Nonlocal - Population model
Classification code: 723.5 Computer Applications
Computer Applications
- 921.6 Numerical Methods
Numerical Methods
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

129. Sharing competitive intelligence, securing company knowledge - A framework

Accession number: 20130716022161
Authors: Ilvonen, Ilona (1); Vuori, Vilma (1)
Author affiliation: (1) Department of Business Information Management and Logistics, Tampere University of Technology, Finland
Corresponding author: Ilvonen, I.(ilona.ilvonen@tut.fi)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Pages: 466-472
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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper discusses the recognition of critical knowledge residing in companies. Company employees are important sources of competitive knowledge. At the same time the employees have a key role in securing critical knowledge in the company. A framework for recognizing critical knowledge is presented to work for both competitive intelligence and knowledge security perspectives. Employee awareness is essential to both of these perspectives, and the framework is intended to be used in building this awareness.

Number of references: 31

Main heading: Competitive intelligence

Controlled terms: Competition - Electronic commerce - Electronics industry - Personnel

Uncontrolled terms: Competitive knowledge - Employee awareness - In-buildings - Knowledge securities - Knowledge-sharing

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

130. Research on repatriates' incentive mechanism: Based on knowledge transfer perspective

Accession number: 20130716022204

Authors: Jiang, Xiuzhen (1); Quan, Lin (2); Bao, Weiqin (1); Wan, Yajing (1)

Author affiliation: (1) Management School, Shanghai Institute of Foreign Trade, Shanghai, China; (2) School of Humanities and Social Science, Shanghai JiaoTong University, Shanghai, China

Corresponding author: Jiang, X.(pink_jiang@163.com)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 822-826

Language: English

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Repatriates' experience and knowledge is important competition advantage for the parent company in international business. This paper discussed repatriates' incentive mechanism based on the perspective of knowledge transfer, established theoretic model of repatriates' knowledge transfer incentive mechanism, and pointed out that knowledge transfer was a process of repeated game between the parent company and the repatriates, the establishing of knowledge transfer incentive mechanism was trying to reach the equilibrium of the game, it provided theoretic basis for promoting repatriates' knowledge transfer effectively.

Number of references: 10

Main heading: Knowledge management

Controlled terms: Competition - Electronic commerce - Electronics industry

Uncontrolled terms: Game - Incentive - Incentive mechanism - International business - Knowledge transfer - Repatriates - Repeated games - Theoretic model

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

131. The business system of B-to-B websites in Japanese manufacturing companies: Case study of NC Network

Accession number: 20130716022166

Authors: Miyamoto, Takuya (1)

Author affiliation: (1) Faculty of Commerce, Kurume University, Japan

Corresponding author: Miyamoto, T.(miyamoto0808@gmail.com)

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Issue date: 2009

Publication year: 2009

Pages: 516-520

Language: English

ISSN: 16830040

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper focuses on the business system of NC Network, the most successful electronic B-to-B market for the Japanese manufacturing industry. NC Network provides services such as a search engine based on production technology, a bulletin board that fosters reciprocity, and an infrastructure that highlights unique production technologies to foster adequate competition and to reduce opportunistic behavior. In contrast to unsuccessful electronic markets, NC Network promotes matching, facilitates exchange, and provides solid infrastructure. This demonstrates why a successful electronic market should contain adequate economic and social institutions. This paper elucidates the business system of a successful electronic market that serves the Japanese manufacturing industry.

Number of references: 11

Main heading: Electronics industry

Controlled terms: Electronic commerce - Infrastructure as a service (IaaS) - Manufacture - Search engines - Websites

Uncontrolled terms: Business systems - Electronic market - Japanese manufacturing - Production technology

Classification code: 537.1 Heat Treatment Processes

Heat Treatment Processes

- 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

132. Assessing the fit between mobile technology on Self-Service and individual difference in the exhibition industry

Accession number: 20130716022149

Authors: Chang, Hsin-Lu (1); Lin, Jia-Ren (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Language: English

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Document type: Conference article (CA)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The concept of self-service is getting popular. Many firms and users adopt the SST (Self-service Technology) due to its lower cost and saving time. Mobile technology is an emerging technology and because of its characteristics such as identity and location-sensitivity that it is quite suitable for Self-Service in terms of people can easily obtain information tailored for them. Individual difference is one the factors that affect the user adoption. This research is to find out what kind of mobile self-service fits with the certain individual characteristic that generates the better task performance. The result can guide service providers to develop attractive self-service through mobile technology.

Number of references: 23

Main heading: Service industry

Controlled terms: Electronic commerce - Electronics industry - Exhibitions - Telecommunication equipment

Uncontrolled terms: Emerging technologies - Exhibition industries - Individual characteristics - Individual Differences - Mobile Technology - Self-Service - Service provider - Task performance

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

133. Taste visualization technique for online food shopping malls: Development and application

Accession number: 20130716022225

Authors: Chung, Hoeryong (1); Park, Joowon (1); Jeong, Haeyoung (1); Moon, Junghoon (1)

Author affiliation: (1) Department of IT Business, Korea Advanced Institute of Science and Technology (KAIST), Korea, Republic of

Corresponding author: Chung, H.(justrike@kaist.ac.kr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Issue date: 2009

Publication year: 2009

Pages: 1015-1021

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The main goal of this study is to visualize tastes of foods and agro-products to reduce the uncertainty of purchasing of them in online shopping malls. To accomplish the goal, we select two Korean traditional foods; Kimchi and Gochujang, develop the criteria for visualization of their tastes, choose about ten products for each food that are on sale in the online shopping malls, make visualization tables and apply them to the real shopping mall. And then, we contrast the customer satisfaction, purchasing pattern, and sales of both before and after applying the taste visualization tables.

Number of references: 31

Main heading: Visualization

Controlled terms: Customer satisfaction - Electronic commerce - Electronics industry - Sales - Shopping centers

Uncontrolled terms: Agro-products - Development and applications - Korean traditional foods - Online shopping - Visualization technique

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

134. Assessing the impact of supply chain integration through an ERP system

Accession number: 20130716022176

Authors: Léger, Pierre-Majorique (1); Babin, Gilbert (1); Robert, Jacques (1); Pellerin, Robert (2); Cassivi, Luc (3); Hadaya, Pierre (3)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue date: 2009

Publication year: 2009

Pages: 613-617

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Many organizations have implemented Enterprise Resource Planning (ERP) systems, hoping to use the information integration these systems provide to improve process efficiency and effectiveness. In particular, ERP systems may be instrumental in realizing Cooperative Planning, Forecasting, and Replenishment (CPFR). In this paper, we present an experimental approach that will be used to assess the real impact of the implementation of CPFR through an ERP system.

Number of references: 23

Main heading: Enterprise resource planning

Controlled terms: Electronic commerce - Electronics industry - Integration - Supply chains

Uncontrolled terms: Co-operative planning - Enterprise resource planning systems - ERP system - Experimental approaches - Information integration - Process efficiency - Supply-chain integration

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing
Production Planning and Control; Manufacturing
- 921.2 Calculus
Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

135. Another look at price promotion

Accession number: 20130716022219

Authors: Cao, Wen (1)

Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Cao, W.(claracao@baf.msmail.cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Pages: 962-964

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Weekly sales at retail stores exhibit several patterns that the existing literature on price promotion does not fully capture. In this paper we develop a simple symmetric model where duopoly manufacturers distribute competing brands through a monopoly retailer to serve consumers with heterogeneous reservation prices. We show that the heterogeneity in consumers' reservation prices coupled with the retailer's market power is sufficient to resolve the deficiency in the literature. We then show that, while pricing patterns under this model differ significantly from those under a model where the retailer has no market power, the manufacturers' expected profits are the same in both cases.

Number of references: 16

Main heading: Sales

Controlled terms: Competition - Costs - Electronic commerce - Electronics industry - Game theory - Manufacture - Retail stores

Uncontrolled terms: Expected profits - Market Power - Price promotions - Pricing patterns - Reservation price - Sales promotions - Symmetric model

Classification code: 537.1 Heat Treatment Processes

Heat Treatment Processes

- 723.5 Computer Applications

Computer Applications

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

- 911.2 Industrial Economics

Industrial Economics

- 922.1 Probability Theory

Probability Theory

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

136. Electronic government service acceptance: The E-GOV-SAM aspect of the e-revenue system

Accession number: 20130716022146
Authors: Rotchanakitumnuai, Siriluck (1)
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Corresponding author: Rotchanakitumnuai, S.(siriluck@tu.ac.th)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
Issue date: 2009
Publication year: 2009
Pages: 345-350
Language: English
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Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: Electronic services are important in government to citizen electronic commerce; however, little is known about electronic government service acceptance model (E-GOV-SAM model). This research aims to develop the determinants of E-GOV-SAM model in the context of e-revenue. The empirical survey results from personal income tax payers show that electronic government service quality has positive impact on building trust and intention to use e-government service. Results indicate that risks adversely affect trust and intention to adopt e-government service. Adoption influence has no impact on building trust but does have an impact on the intention to use.
Number of references: 21
Main heading: Electronics industry
Controlled terms: e-government - Electronic commerce - Quality of service - Risks - Surveys - Taxation
Uncontrolled terms: E-government service qualities - E-government services - Efficacy - Electronic government - Electronic services - Influence - Personal income taxes - Thailand
Classification code: 723.5 Computer Applications
Computer Applications
- 914.1 Accidents and Accident Prevention
Accidents and Accident Prevention
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

137. Realizing the Value of mobile services in the exhibition industry - The verification of "limit-to-value" framework

Accession number: 20130716022150
Authors: Chang, Hsin-Lu (1); Tseng, Shu-Ling (1)
Author affiliation: (1) Department of Management Information Systems, National Chengchi University, Taiwan
Corresponding author: Chang, H.-L.(hchang@mis.nccu.edu.tw)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
Issue date: 2009
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Pages: 367-369
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
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Conference location: Macau, China
Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The MICE industry and the M-Commerce service recently become a popular issue since the mature internet environment. It will be a significant subject to realize the IT investment in the MICE industry. The study is to test and verify "the Limits to Value for IT Investments framework" [1] and to redefine and modify the constructs of model to examine the barriers of IT value, in the context of M-Commerce in the MICE industry. This reforming model can help us understand the critical value discounting factors and the impact about adoption and usage of the innovative IT in the marketplace.

Number of references: 18

Main heading: Service industry

Controlled terms: Electronics industry - Exhibitions - Investments - Mammals - Mobile commerce

Uncontrolled terms: Exhibition industries - Internet environment - M-commerce - MICE - Mice industries - Test and verify - U2EX - Valuation barriers

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

138. The cone of learning: A tertiary level empirical study across traditional, blended, and flexible learning modes

Accession number: 20130716022226

Authors: Hamilton, John (1); Tee, Singwhat (1)

Author affiliation: (1) School of Business and IT, James Cook University, Cairns, Australia

Corresponding author: Hamilton, J.(John.Hamilton@jcu.edu.au)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Tertiary institutions are moving towards more flexible teaching and learning environments. Relationships between tertiary teaching and learning modes, student outcomes, and learning perceptions have engaged partial studies. This article employs a holistic view. It develops and tests a tertiary teaching and learning environment from a value enhancement approach. Here student-preferred teaching and learning modes are assessed. The tertiary institution teaching and learning offerings or modes are mapped against student learning outcomes, as defined by the tertiary institution 'business enhancement measurement model'. This research shows tertiary institutions can more closely align their educational teaching and learning solutions towards their student's perceived learning requirements, whilst also enhancing its student's skills.

Number of references: 50

Main heading: Students

Controlled terms: Computer aided instruction - Education - Education computing - Electronic commerce - Electronics industry - Teaching

Uncontrolled terms: Blended - Flexible - Learning mode - Student outcomes - Student perceptions - Tertiary

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

139. The use of social media in gathering and sharing competitive intelligence

Accession number: 20130716022102

Authors: Vuori, Vilma (1); Väisänen, Jaani (1)

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Corresponding author: Vuori, V.(vilma.vuori@tut.fi)

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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

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Pages: 1-8

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ISSN: 16830040

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Utilizing social media in the business context is an issue of growing interest. This article discusses how social media can contribute to information gathering and to information and knowledge sharing within a company in the context of competitive intelligence. The research is conducted as a systematic literature review. The results show that so far only a few journal articles have been published discussing these issues. They propose that social media applications can contribute to competitive intelligence activities more in sharing than gathering information and knowledge. The common benefit received from using different social media applications seems to be the added value compared to using more traditional knowledge sharing tools.

Number of references: 30

Main heading: Information dissemination

Controlled terms: Competition - Competitive intelligence - Electronic commerce - Electronics industry - Knowledge management - Social networking (online)

Uncontrolled terms: Information gathering - Information sharing - Information sources - Knowledge-sharing - Social media

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 903.2 Information Dissemination

Information Dissemination

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

140. Understanding online traders: Trading and performance in common stock investment

Accession number: 20130716022135

Authors: George Lin, Y.C. (1); Elena Kang, Y.C. (1); Chiu, Chiung-Lin (1)

Author affiliation: (1) Department of Accounting and Information Technology, National Chung Cheng University, Taiwan

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 265-270

Language: English

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: This paper analyzed the effect of online trading on investors' trading behavior based on investors' trading data provided by a major security firm in Taiwan. Our empirical findings are summarized as follows: 1. Male and the younger traders preferred online trading. Investors who had better gross return tend to switching to online trading mechanism. 2. Even though investors traded more actively after going online, their trade performance is not negatively affected. 3. Online trading does not significantly increase information- triggered trades (speculative trading), even though there is more access to information after going online. 4. Finally, the order execution efficiency of online trading is better than phone-based trading.

Number of references: 35

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Behavior-based - Empirical findings - Online trading - Phone-based

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

141. The role of corporate cultural similarity for outsourcing relationship quality and outsourcing success

Accession number: 20130716022174

Authors: Beimborn, Daniel (1); Friedrich, Fabian (2); Blumenberg, Stefan (2)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: What is the impact of corporate cultural similarity (CCS) on outsourcing success? In this paper, we use data from a survey with the largest 1,000 banks in Germany to show that CCS has a substantial effect on outsourcing success which is mainly mediated by different dimensions of outsourcing relationship quality. The more comparable the corporate cultures of the vendor firm and the client firm, the higher is the outsourcing success from the client's perspective. Finally, we highlight our future steps of research in investigating the impact of particular types of corporate culture in an IT outsourcing context.

Number of references: 52

Main heading: Outsourcing

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Client firms - Corporate culture - Cultural similarity - IT outsourcing - Organizational cultures - Outsourcing relationships - Outsourcing success - Relationship qualities

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

142. A model of E-Banking applications evolution issues

Accession number: 20130716022214

Authors: Partnov, Nikolaï (1); Estier, Thibault (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 908-911

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: As a specific case of E-Commerce, E-Banking is a typical service combining a communication and a distribution channel. E-Banking applications have continuously evolved over the time, from their appearance in a context of innovation in the banking sector to the relative standardisation and convergence of current state. Several players in the banking sector were studied in order to learn specifics of client segments and implementation of requirements. This paper presents a simple model for the core issues of the evolution in E-Commerce applications. The research target is to extrapolate a framework from E-Banking case studies to understand the main business drivers over web-based applications evolution and change management.

Number of references: 16

Main heading: Electronic commerce

Controlled terms: Banking - Electronics industry

Uncontrolled terms: Banking sectors - Business drivers - Distribution channel - E-banking - E-Commerce applications - Evolution and Change - IT alignment - Web-based applications

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

143. Exploring the collaboration model of offshore outsourcing: A study of IT software development

Accession number: 20130716022175

Authors: Chen, Hwang-Yeh (1)

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Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: The practice of offshore software development is now as part of global trend adopted by some Western companies. The software development projects operating under geographically-separated settings present the tremendous challenges and require collaboration-intensive activities. This study examines the factors contributing to the success and failure within the context of offshoring software development projects. Furthermore, this study intends to develop a collaboration model for offshore software development that describes the key components operating under distributed development environment. The initial results and limitations of research are also discussed.
Number of references: 12
Main heading: Software design
Controlled terms: Costs - Electronic commerce - Electronics industry - Offshore oil well production - Outsourcing - Software engineering
Uncontrolled terms: Collaboration models - Distributed development environments - Global trends - Off-shoring - Offshore Outsourcing - Software development projects - Transaction cost economics
Classification code: 511.1 Oil Field Production Operations
Oil Field Production Operations
- 723.1 Computer Programming
Computer Programming
- 723.5 Computer Applications
Computer Applications
- 911 Cost and Value Engineering; Industrial Economics
Cost and Value Engineering; Industrial Economics
- 912.2 Management
Management
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

144. An empirical investigation of bidding strategies and their effects on online single-unit auctions

Accession number: 20130716022138
Authors: Cui, Xiling (1); Lai, Vincent S. (1)
Author affiliation: (1) Faculty of Business Administration, Chinese University of Hong Kong, Shatin, N.T., Hong Kong
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Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Conference date: November 30, 2009 - December 4, 2009

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Online bidding strategy is one of the most discussed topics in online auction research. This research aims to empirically confirm online bidding strategies in single-unit auctions and evaluate these strategies in the context of auction winning outcome, final price evaluation, and perceived enjoyment. Both objective and subjective data of online single-unit auctions were collected to validate our postulated hypotheses. Our findings suggest that there are three basic bidding strategies in single-unit auctions and they indeed have different impacts on auction biddings.

Number of references: 48

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Bidding strategy - Empirical investigation - Online auctions - Online bidding - Perceived enjoyment

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

145. Mobitrack - Holistic measurement of mobile user behavior

Accession number: 20130716022246

Authors: Verkasalo, Hannu (1)

Author affiliation: (1) MobiTrack Innovations Ltd., Finland

Corresponding author: Verkasalo, H.(hannu.verkasalo@mt-innovations.com)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Amidst the rapid transformation of the wireless industry, the factors driving user behavior and satisfaction are changing. This paper presents MobiTrack, a framework to measure user experience at the point of convergence - devices. The paper compares the MobiTrack framework to alternative methods to measure user experience, and shows the unique advantages of on-device measurements in building a comprehensive view on user experience. Along with data collection, the paper addresses the approaches for analytics, in showing how the presented framework provides value to device vendors and carriers through holistic user research, utilizing adoption models, and stickiness analysis, to complement the data collected from the introduced mobile audience measurement platform.

Number of references: 17

Main heading: User experience

Controlled terms: Behavioral research - Electronic commerce - Electronics industry

Uncontrolled terms: Adoption model - Convergence devices - Data collection - Mobile users - Rapid transformations - User behaviors - User research - Wireless industry

Classification code: 723.5 Computer Applications

Computer Applications

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

146. Understanding buyer's adoption intent of B2B electronic marketplaces

Accession number: 20130716022122

Authors: Chou, Shih-Wei (1); Hung, I-Hua (2)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Despite the significant role of business-to-business (B2B) e-marketplaces (EMPs) in providing firms with opportunities to transform the way that organizations conduct trading activities and supply chain management (SCM) tasks, few studies emphasize the motive for adoption intent of EMPs. Drawing on institutional theory and information processing theory, this study develops a model aiming for delineating the relationship between institutional pressures (in terms of mimetic, coercive, and normative pressures), benefits of SCM tasks (involving interdependent tasks and procurement life cycle (PLC) activities), and adoption intent. Data collected from 79 potential adopters of EMPs largely support our research hypotheses. Theoretical contribution and managerial implications of this study are discussed.

Number of references: 42

Main heading: Supply chain management

Controlled terms: Electronic commerce - Electronics industry - Life cycle

Uncontrolled terms: E-marketplaces - Institutional pressures - Inter-dependent tasks - Procurement life cycle (PLC) - Supply chain managements (SCM)

Classification code: 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

147. Factors influencing consumption experience of mobile device: A study from experiential view

Accession number: 20130716022189

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Publisher: CEUR-WS

Abstract: Among the large number of studies on adoption of mobile commerce, the major research perspective is the utilitarian factors. In this study, we interpreted consumers' consumption experience of handphoned from an experiential view of the intervening response system which focuses on hedonic factors of customers. We studied the following research questions. First, whether hedonic factors (e.g. subjective norms) and utilitarian factors (e.g. convenience), are positively related to emotional factors. Second, whether emotional factors are positively related to customers' consumption experience of mobile device. A survey study was conducted to collect data from 293 mobile phone users. The results of this research implied that hedonic factors performed a positive effect on the consumption experience, while the utilitarian factors had a negative effect on the consumption experience of consumers.

Number of references: 32

Main heading: Mobile commerce

Controlled terms: Electronics industry - Mobile computing - Mobile telecommunication systems

Uncontrolled terms: Consumption experience - Emotional factors - Experiential view - Hedonic - Mobile-phone users - Research questions - Response systems - Subjective norm

Classification code: 716 Telecommunication; Radar, Radio and Television

Telecommunication; Radar, Radio and Television

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

148. Building it change-readiness capabilities in the mobile service delivery: A case study in the exhibition industry

Accession number: 20130716022151

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The mobile technology is applied in more and more aspects in our life. It is used not only in communication, but also business activities. As the great progress of wireless transmission, commercial information can be delivered to one's handheld devices immediately, no matter where he or she is. Many companies attempt to introduce such convenient technology as their new strategy to perform their real-time services. Individual-oriented information delivery is also a beneficial function for these companies. This research will examine the organization star-model to find out the critical factors how an organization successfully adopts mobile technology. In-depth interviews will be provided for validation.

Number of references: 27

Main heading: Electronics industry

Controlled terms: Electronic commerce - Exhibitions - Information services - Service industry - Telecommunication equipment

Uncontrolled terms: Commercial information - Exhibition industries - Information delivery - IT Capabilities - Mobile Technology - Organizational transformation - U2EX - Wireless transmissions

Classification code: 723.5 Computer Applications

Computer Applications

- 903.4 Information Services

Information Services

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

149. Influencing factors for the introduction of mobile-integrated business processes

Accession number: 20130716022194

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: Although mobile information technology is introduced in business processes of enterprises for many years, many projects for integrating mobile workforces still fail to generate a business value for the company. However, reasons for a successful introduction of mobile IT have not been investigated so far. In this paper, we present the findings of a grounded theory study that focused on influencing factors for the introduction of mobile-integrated business processes. The outcome of the paper is a theoretical framework describing the decision process and the intervening conditions on the intention to introduce mobile-integrated business processes. The framework should be extended by the effects resulting from the introduction of mobile IT to get a picture as complete as possible.

Number of references: 31

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Business Process - Business value - Decision process - Grounded theory - Integrated business - Mobile IT - Mobile workforce - Theoretical framework

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

150. Supporting complex decision making - The role of enterprise technologies

Accession number: 20130716022199

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: The current economic crisis has been widely viewed as yet further proof of the inadequacy of managerial Decision Support Systems. In spite of a half century of research into business decision making many still question whether information technology has actually improved how management addresses their business challenges. New technologies, rather than facilitate innovative approaches to managerial decision making have more often than not simply reinforced traditional managerial orthodoxies. This paper explores this relationship, and proposes the concept of corporate ecology as a means of enlarging managerial choices while focusing technology initiatives where they can provide measure value to organizations.

Number of references: 21

Main heading: Decision making

Controlled terms: Decision support systems - Ecology - Electronic commerce - Electronics industry - Managers

Uncontrolled terms: Business challenges - Business decisions - Complex decision - Economic crisis - Enterprise technology - Innovative approaches - Managerial decision - Managerial decision making

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village