

Search Summary

Query : (((("International Conference on Electronic Business" 2012)) AND ((2012) WN YR))

Type : Expert

Results : 34

Database(s) : Compendex & Inspec

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1. Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Accession number: 20142617866445

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Language: English

ISSN: 16830040

Document type: Conference proceeding (CP)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: CEUR-WS

Abstract: The proceedings contain 32 papers. The topics discussed include: an intuitionistic fuzzy simple additive weighting (IFSAW) method for selection of vendor; design and implementation of service-oriented expert system; being social: social media influence on modern consumer; case studies on the exploitation of crowd-sourcing with web 2.0 functionalities; institutionalizing information technology for engineering asset management-impeding issues; relationship quality through social network: a confirmatory factor analysis; knowledge management and semantic technology in the health care revolution: health 3.0 model; the effect of affinity design on review helpfulness: an experimental study of online passenger review in the airline industry; experiential value, satisfaction, and social virtual world continuance: an empirical investigation in second life; and a model for improved resource profiling and prediction for mobile applications.

Abstract type: (Edited Abstract)

Page count: 304

Database: Compendex

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Data Provider: Engineering Village

2. Arithmetics of uncertainty distributions for some functions of uncertain variables with experiential uncertainty distributions

Accession number: 20142617866443

Authors: Zhang, Xingfang (1); Meng, Guangwu (1); Hu, Kai (1)

Author affiliation: (1) School of Mathematical Sciences, Liaocheng University, Liaocheng 252059, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 282-290

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Uncertainty distributions for functions of uncertain variables in uncertainty theory play a significant role. The paper provides the arithmetics of uncertainty distributions for sum, difference, maximum and minimum of uncertain variables with experiential uncertainty distributions, and shows the efficiency of these arithmetics by examples.

Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 23

Main heading: Electronics industry

Controlled terms: Digital arithmetic - Electronic commerce

Uncontrolled terms: Uncertain variables - Uncertainty distributions - Uncertainty theory
Classification code: 721.1 Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory
Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory
- 723.5 Computer Applications
Computer Applications
Funding Details: Number: 60874067, Acronym: -, Sponsor: -;
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

3. Relationship quality through social network: A confirmatory factor analysis

Accession number: 20142617866424
Authors: Rotchanakitumnuai, Siriluck (1)
Author affiliation: (1) Thammasat Business School, Thammasat University, Thailand
Corresponding author: Rotchanakitumnuai, S.
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012
Issue date: 2012
Publication year: 2012
Pages: 104-110
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 12th International Conference on Electronic Business, ICEB 2012
Conference date: October 12, 2012 - October 16, 2012
Conference location: Xi'an, China
Conference code: 105790
Publisher: International Consortium for Electronic Business
Abstract: This research aims to confirm the components of relationship quality of social network. The online survey was conducted with Thai Facebook users. The result confirms that the components of relationship quality of social network consist of trust in social network service providers, trust in social network users, commitment, conflict reduction, and satisfaction of social network usage. Copyright © 2012 by International Consortium for Electronic Business.
Number of references: 23
Main heading: Social networking (online)
Controlled terms: Electronic commerce - Electronics industry - Factor analysis
Uncontrolled terms: Confirmatory factor analysis - Facebook - Online surveys - Relationship qualities - Trust in social networks
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

4. A model for improved resource profiling and prediction for mobile applications

Accession number: 20142617866433
Authors: Rehn, Adam (1); Holdsworth, Jason (1)
Author affiliation: (1) James Cook University, Australia
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 184-190

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Many mobile applications rely on the 'cloud's' vast computing power, but fail to exploit its full capability. Some application techniques facilitate this objective, but individual application requirements often present degrees of inflexibility. In this paper we propose a more flexible and dynamic computational offloading approach that enables deeper integration with mobile applications. We discuss how this is of benefit to mobile application developers and users. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 10

Main heading: Mobile computing

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Application requirements - Computational offloading - Computing power - Mobile applications - Profiling - Resource profiling

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

5. Customer engagement and service innovation

Accession number: 20142617866430

Authors: Chen, Jashen (1); Huang, Irene (1)

Author affiliation: (1) College of Management, Yuan Ze University, Taiwan

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 154-159

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In this research, we aim to investigate the impacts of customer engagement on service innovation practices and identify the influence factor of management support, service provider characteristics, customer characteristics. A multiple level analysis approach will be adopted to empirically examine the proposed model and corresponding hypotheses. From the results of analysis, we suggested the insurance companies need to provoke a customer oriented work atmosphere and encourage customers to participate in the service/purchasing processes. Copyright © 2012 by International Consortium for Electronic Business.

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry - Insurance

Uncontrolled terms: Analysis approach - Customer engagement - Insurance companies - Management support - Multiple levels - Service innovation - Service provider

Classification code: 723.5 Computer Applications

Computer Applications

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

6. Some concepts and theorems of uncertain random process

Accession number: 20142617866444

Authors: Yao, Kai (1); Gao, Jinwu (2)

Author affiliation: (1) Department of Mathematical Sciences, Tsinghua University, Beijing 100084, China; (2) School of Information, Renmin University of China, Beijing 100872, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 291-296

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: As a mixture of randomness and uncertainty, uncertain random variable is a measurable function from a probability space to a collection of uncertain variables. This paper will propose an uncertain random process as a generalization of both stochastic process and uncertain process. Special types of uncertain random process such as independent and stationary increment uncertain random process and uncertain random renewal process will also be discussed. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 10

Main heading: Random processes

Controlled terms: Electronic commerce - Electronics industry - Random variables - Stochastic systems

Uncontrolled terms: Probability spaces - Renewal process - Stationary increments - Uncertain process - Uncertain variables

Classification code: 723.5 Computer Applications

Computer Applications

- 922.1 Probability Theory

Probability Theory

- 961 Systems Science

Systems Science

Funding Details: Number: 61273044, Acronym: -, Sponsor: -;

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

7. Two-stage supply chain model with uncertain demand

Accession number: 20142617866439

Authors: Ning, Yufu (1); Sha, Huanbin (1); Rong, Lixia (1)

Author affiliation: (1) Department of Computer Science, Dezhou University, Dezhou 253023, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 242-251

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Based on uncertainty theory, a twostage supply chain model is presented, where the customers' demands are characterized as uncertain variables. The objective is to minimize the combined costs incurred in the manufacturing and logistics phases. When these uncertain variables are linear, the objective function and constraints can be converted into crisp equivalents, then can be solved by traditional methods. An example is given to illustrate the model and the converting method. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 22

Main heading: Electronics industry

Controlled terms: Electronic commerce - Manufacture - Supply chains

Uncontrolled terms: Crisp equivalents - Objective functions - Two-stage supply chains - Uncertain demand - Uncertain variables - Uncertainty theory

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

- 913.4 Manufacturing

Manufacturing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

8. Improving after-sales services of logistics providers

Accession number: 20142617866413

Authors: Bechter, Clemens (1); Belboom, Geoffrey (2)

Author affiliation: (1) Thammasat Business School, Thammasat University, Bangkok 10200, Thailand; (2) Euro MBA, United States

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 1-7

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Several studies have investigated the usage of IT systems for logistics companies but only a few have been looking at after-sales services. Data from 81 European customers of two major logistics companies were analysed to determine perceptions toward e-logistics after-sales services. This research can be used as a conceptual model of how to react to commercial (B2B) customer expectations. Preliminary findings suggest that it will need structural, infrastructural and integrative design decisions to improve after sales services. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 14

Main heading: Sales

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: After-sales services - Business to business - Conceptual model - Customer expectation - e-Logistics - Integrative design - Logistics company - Logistics providers

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

9. Single machine scheduling to maximize number of batch of jobs with uncertain processing times

Accession number: 20142617866442

Authors: Zhang, Xingfang (1); Li, Lingqiang (1); Meng, Guangwu (1)

Author affiliation: (1) School of Mathematical Sciences, Liaocheng University, Liaocheng 252059, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 273-281

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: The paper studies single-machine scheduling to maximize number of batch of jobs with uncertain processing times. Firstly, an expected value model to maximize number of batch of jobs processed is given based on uncertainty theory. Then, the model is transformed into a deterministic integer programming model and its properties are provided. Further, its arithmetic, called Man-computer Alternant Arithmetic, is presented. Finally, a numerical example on the model is given. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 37

Main heading: Integer programming

Controlled terms: Computer programming - Electronic commerce - Electronics industry - Machinery - Scheduling

Uncontrolled terms: Batch-scheduling - Expected value model - Integer programming models - Single- machines - Single-machine scheduling - Uncertain processing time - Uncertainty theory

Classification code: 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 921.5 Optimization Techniques

Optimization Techniques

Funding Details: Number: 60874067, Acronym: -, Sponsor: -;

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

10. An transaction cost analysis on products' adaptability to e-commerce

Accession number: 20142617866435

Authors: Yong, Long (1); Guizhong, Liu (1); Hongchun, Pan (1); Liang, Xu (2)

Author affiliation: (1) College of Economics and Business Administration, Chongqing University, Chongqing 400044, China; (2) College of International Business, Sichuan International Studies University, Chongqing 400030, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 201-213

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Based on theories of transaction cost economics, this paper study up on the relationship between product cognitive, transaction complexity and transaction cost, and examined the impact of product cognitive, transaction complexity on the product suitable for E-commerce. Being difference from the previous point of view that the product cognitive would reduce transaction cost, and transaction complexity would increase transaction cost, that combination with previous researches, we conclude that transaction cost tends to influence product suitable for E-commerce; and with the product cognitive increasing and transaction complexity reducing, transaction cost reduced so that the product are more suitable for E-commerce. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 43

Main heading: Costs

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

Uncontrolled terms: Product cognitive - Transaction complexity - Transaction cost - Transaction cost analysis - Transaction cost economics

Classification code: 723.5 Computer Applications

Computer Applications

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

Funding Details: Number: 71172081, Acronym: NSFC, Sponsor: National Natural Science Foundation of China;

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

11. Maximizing the information authenticity in a social network

Accession number: 20142617866440

Authors: Ning, Liu (1); Ni, Yaodong (1)

Author affiliation: (1) School of Information Technology and Management, University of International Business and Economics, Beijing 100029, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 252-262

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Information often distorts during the process of transmission in a social network, which is very common in many real-life applications. In this paper, we study the problem of maximizing the information authenticity of a social network. We propose a new model to characterize information distortion during the diffusion of influence. In order to trade off between optimality and complexity, we design a framework of greedy algorithms. Finally, we carry out

a numerical experiment to show the effectiveness of the proposed algorithms. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 37

Main heading: Electronics industry

Controlled terms: Authentication - Economic and social effects - Electronic commerce - Social networking (online) - Stochastic models - Stochastic systems

Uncontrolled terms: Greedy algorithms - Information authenticity - Information distortion - Numerical experiments - Optimality - Real-life applications - Stochastic simulations - Trade off

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 922.1 Probability Theory

Probability Theory

- 961 Systems Science

Systems Science

- 971 Social Sciences

Social Sciences

Funding Details: Number: 71101027, Acronym: -, Sponsor: -;

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

12. AEC 2015: Is Thailand ready to be the leader of E-ASEAN?

Accession number: 20142617866427

Authors: Rotchanakitumnuai, Siriluck (1)

Author affiliation: (1) Thammasat Business School, Thammasat University, Thailand

Corresponding author: Rotchanakitumnuai, S.

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 127-133

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: This research aims to develop the e-ASEAN readiness assessment framework, and analyzing whether Thailand is ready to be the leader of e-ASEAN when compared to other ASEAN Member States. This research will reflect the issues aligned with the e-Readiness framework that Thailand needs to urgently improve when comparing to other ASEAN Member States for its country, economy, and society development. The result shows that Thailand was ranked by several institutes at the lower level than Singapore and Malaysia in every index concerning e-Readiness Assessment. Moreover, Thailand is ranked in the lower position than Brunei in several indexes. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 26

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: ASEAN - E-readiness - E-readiness assessment - Malaysia - Readiness assessment - Singapore - Thailand

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

13. Being social: Social media influence on modern consumer

Accession number: 20142617866419

Authors: Gatautis, Rimantas (1); Medziausiene, Audrone (1)

Author affiliation: (1) Electronic Business Research Center, Kaunas University of Technology, Lithuania

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 42-48

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Overwhelming use of social networks and social technologies creates new preconditions for business to social technologies deployment. These challenges are also created for consumer which led to new type of consumer nowadays identified as "social consumer". Social consumer is term coined to describe how social technologies affect the behavior of consumer. Current paper explores opportunities and impact brought by technologies, overall social media based "landscape" development, users "socialization" tendencies, "socialization" impact on buying behavior and characteristics of social consumer. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 20

Main heading: Consumer behavior

Controlled terms: Economic and social effects - Electronic commerce - Electronics industry - Social networking (online) - Social sciences computing

Uncontrolled terms: Buying behavior - Social consumer - Social impact - Social media - Social technologies - Social webs

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

14. Understanding multiple adoption in C2C platforms in China

Accession number: 20142617866415

Authors: Tseng, F.-C. (1); Zeng, C.-F. (2); Chen, Y.-S. (3)

Author affiliation: (1) Kainan University, Taiwan; (2) Shanghai University of Finance and Economics, China; (3) Louisiana State University, United States

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 16-22

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: The network effect is the general principle that the value of connecting to a network depends on the number of existing customers in the network. Usually, the network effect makes strong firms stronger and weak firms weaker. In e-commerce, however, the power of network effects can be mitigated when users adopt multiple transaction platforms (i.e., multiple adoption). Owing to multiple adoption, emerging firms have a chance to compete with or surpass strong incumbents. This empirical study showed that, because of multiple adoption, smaller players can still exist in the face of a dominant player in China's competitive online auction platforms. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 21

Main heading: Electronic commerce

Controlled terms: Electronics industry

Uncontrolled terms: Emerging firms - Empirical studies - Multiple adoption - Multiple transactions - Network effects - Online auctions

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

15. Influence optimization in a social network with stochastic costs for targeting individuals

Accession number: 20142617866441

Authors: Shi, Qiaoni (1); Ni, Yaodong (1)

Author affiliation: (1) School of Information Technology and Management, University of International Business and Economics, Beijing 100029, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 263-272

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In this paper, we study the problem of targeting a set of individuals to trigger a cascade of influence in a social network such that the influence diffuses to all individuals with the minimum time, given that the cost of initially influencing each individual is with randomness and the budget available is limited. We adopt the incremental chance model to characterize the diffusion of influence, and propose three stochastic programming models that correspond to three different decision criteria. Modified greedy algorithms are presented to solve the proposed models efficiently. Experiments are performed to show that the algorithms we present are effective. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 22

Main heading: Stochastic models

Controlled terms: Budget control - Electronic commerce - Electronics industry - Social networking (online) - Stochastic programming - Stochastic systems

Uncontrolled terms: Complete influence time - Decision criterions - Greedy algorithms - Minimum time - Stochastic programming model

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications
Computer Applications
- 922.1 Probability Theory
Probability Theory
- 961 Systems Science
Systems Science
Funding Details: Number: 71101027, Acronym: -, Sponsor: -;
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

16. Corporate IT paradox in the network era

Accession number: 20142617866434
Authors: Peng, Ling (1); Cheung, Waiman (2)
Author affiliation: (1) Hubei University of Economics, China; (2) Chinese University of HK, Hong Kong
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012
Issue date: 2012
Publication year: 2012
Pages: 191-200
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 12th International Conference on Electronic Business, ICEB 2012
Conference date: October 12, 2012 - October 16, 2012
Conference location: Xi'an, China
Conference code: 105790
Publisher: International Consortium for Electronic Business
Abstract: Business executives are paying large bills on information technologies every year hoping to stay competitive in the network era. According to the literature, IT paradox still exists. We are not sure the big investments on IT will result in positive returns. An improved event study methodology is proposed to address the suspected causes for the paradox, such as mismeasurement of performance, time lags for gains to show up, mismanagement of IT and redistribution of benefits. Using investment on e-channel as a context, a research model based on long-term event study is proposed to investigate performance gains at different levels. Copyright © 2012 by International Consortium for Electronic Business.
Main heading: Electronics industry
Controlled terms: Electronic commerce - Investments - Telecommunication industry
Uncontrolled terms: Business executives - Event studies - IT business values - IT investments - IT paradox - Performance Gain - Research models - Time lag
Classification code: 723.5 Computer Applications
Computer Applications
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

17. Why people are willing to share more knowledge than required?

Accession number: 20142617866431
Authors: Cui, Xiling (1); Du, Timon C. (2)
Author affiliation: (1) Business Administration Department, Hong Kong Shue Yan University, Colombia; (2) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012
Issue date: 2012
Publication year: 2012

Pages: 160-169

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Knowledge sharing is critical for modern organizations. Besides in-role knowledge sharing, there exists knowledge sharing beyond one's role, which is called extra-role knowledge sharing. This study investigates the antecedents of the extra-role knowledge sharing from the perspective of organizational citizenship behavior (OCB). Previous studies on OCB and works on knowledge sharing were reviewed to develop a model explaining the factors behind extra-role knowledge sharing. Willingness to help that is hypothesized to be influenced by procedural justice, job satisfaction, and employee personality (extraversion and agreeableness) is believed to influence extra-role knowledge sharing. Empirical data confirmed most of the hypotheses of this study. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 39

Main heading: Knowledge management

Controlled terms: Behavioral research - Electronic commerce - Electronics industry - Job satisfaction

Uncontrolled terms: Empirical data - Knowledge-sharing - Organizational citizenship behaviors - Procedural justice - Willingness to help

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

18. 6 sigma rules under uncertain normal distributions

Accession number: 20142617866437

Authors: Guo, Danni (1); Guo, Renkuan (2)

Author affiliation: (1) Kirstenbosch Research Center, South African National Biodiversity Institute, Private Bag X7, Claremont 7735, Cape Town, South Africa; (2) Department of Statistical Sciences, University of Cape Town, Private Bag, Rondebosch, 7701, Cape Town, South Africa

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 224-231

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In evaluating modeling quality, risk level and general quality management "6 sigma rules" are popular among statisticians and quality engineers today. The "6 sigma rules" of Gaussian distribution are very simple and elemental. If switching the working environment from the probability measure based to the uncertain measure based, the simple "6 sigma rules" will be no longer simple. In this paper, we investigate the problems when facing Liu's uncertain normal distribution which can only facilitate interval variance or standard deviation. Consequently, the way

to define "uncertain 6 sigma rules" are described and discussed and thus those to practical applications. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 9

Main heading: Six sigma

Controlled terms: Electronic commerce - Electronics industry - Gaussian distribution - Normal distribution

Uncontrolled terms: 6-sigma - Evaluating models - Probability measures - Quality engineers - Risk levels - Standard deviation - Uncertain measures - Working environment

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 922.1 Probability Theory

Probability Theory

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

19. Enhancing trust through IT risk management to achieve e-government success

Accession number: 20142617866425

Authors: Tiataasin, Krongras (1); Rotchanakitumnai, Siriluck (1)

Author affiliation: (1) Thammasat Business School, Thammasat University, Thailand

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

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Publication year: 2012

Pages: 111-118

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: E-government is a concept which requires management in order to implement successfully. This research presents the factors of IT risk management and level of trust for e-government success. It aims to examine the components of IT risk management and their impacts on creating integrated trust. In addition, the relationships of the integrated trust to e-government success are tested. A survey was conducted with Thai government officers. There are five IT risk management factors which are IT infrastructure risk, economic risk, legal and regulation risk, change management risk and performance risk. Integrated trust includes individual based trust and institutional based trust. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 36

Main heading: Risk management

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

Uncontrolled terms: Change management - Economic risks - Government IS - Individual-based - IT infrastructures - IT risk managements - Performance risk

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

20. Institutionalising information technology for engineering asset management - Impeding issues

Accession number: 20142617866421

Authors: Haider, Abrar (1)

Author affiliation: (1) School of Computer and Information Science, University of South Australia, Australia

Corresponding author: Haider, A.(abrar.Haider@unisa.edu.au)

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

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Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

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Pages: 67-77

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Information technologies implementation in asset managing organisations does not follow a linear path. It is primarily driven by cost concerns, rather than an approach that takes into account the existing technological infrastructure, business requirements, available skill base, social and cultural environment, and operational and strategic value of technology investment. This paper presents a case of information technologies implementation in asset managing organisations. It concludes that technology for asset management needs to be physically adopted, and socially and organisationally institutionalised, to create consensus on what the technology is supposed to accomplish and how it is to be utilized in the organisation. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 13

Main heading: Electronics industry

Controlled terms: Asset management - Electronic commerce - Information technology - Investments

Uncontrolled terms: Business requirement - Cultural environment - Engineering asset managements - Institutionalization - Strategic values - Technological infrastructure - Technology investments

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

21. E-commerce cooperation strategy research based on the preference of consumers

Accession number: 20142617866436

Authors: Yong, Long (1); Youjun, Shi (1); Yu, Zhang (1); Bo, You (1)

Author affiliation: (1) College of Economics and Business Administration, Chongqing University, Chongqing, 400044, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 214-223

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In this paper, on the basis of the classification of the market and customer, we set the basic assumptions of participant in the EC cooperation. We take some of the assumptions which were used to study grey marketing into the game analysis. And then, on the basis of the Hotelling model, we argue the cooperation strategy choice mechanism between electronic distributors and traditional distributors in the EC cooperation, explore the benefits and costs of all parties in the alliance, found that it can bring more profit and cost advantage of the alliance is an important factor to decide whether or not ally with each other. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 25

Main heading: Electronics industry

Controlled terms: Customer satisfaction - Electronic commerce

Uncontrolled terms: Benefits and costs - Co-operation strategy - Cost advantages - Game analysis - Hotelling model

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

22. Experiential value, satisfaction, and social virtual world continuance: An empirical investigation in second life

Accession number: 20142617866432

Authors: Zhou, Zhongyun (1); Jin, Xiao-Ling (2)

Author affiliation: (1) Department of Management Science and Engineering, School of Economics and Management, Tongji University, China; (2) Information Management Department, School of Management, Shanghai University, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 170-183

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Social virtual worlds (SVW) base their success on continued usage. However, there is a paucity of investigation on SVW continuance. Especially, hedonic value beyond purely utilitarian concerns should be taken into consideration in understanding SVW continuance. In this study, drawing on a satisfaction-based perspective and the notion of experiential value from the consumer behavior literature, we developed a research model regarding the role of experiential value (including both utilitarian and hedonic value) in predicting SVW users' continuance intention through satisfaction. In order to empirically test the proposed model and hypotheses, data were collected using a questionnaire survey from real users of Second Life, one of the most popular and typical SVWs in the world, and analyzed via LISREL 8.70. Theoretical and practical implications are discussed. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 60

Main heading: Electronics industry

Controlled terms: Consumer behavior - Electronic commerce - Social networking (online) - Surveys - Virtual reality

Uncontrolled terms: Continuance intentions - Empirical investigation - Experiential value - Hedonic values - Questionnaire surveys - Research models - Second Life - Social virtual worlds

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 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

23. Effective IT governance implementation with vital determinants

Accession number: 20142617866423

Authors: Saetang, Sureerat (1); Haider, Abrar (1)

Author affiliation: (1) School of Computer and Information Science, University of South Australia, Australia

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 90-103

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: According to company oversight in contemporary business, IT performs as the foundation of business operations in most organizations with worldwide promotion in IT governance implementation. Based on the universal research papers, there are various IT governance frameworks with different outcomes of IT governance implementation. Most results are reported only success and failure which haven't yet cleared. With regard to insufficient information, it is complicated to identify. This research aims to benefit the proposed research framework by presenting the constituent elements in IT governance implementation which reflects a structural, top-down understanding between organization, people, and IT in gaining better internal relationships within organization. The Duality of Technology (Orlikowski et al. 1991) and the Adaptive Structuration Theory (De-Sanctis et al. 1994) are selected to develop the proposed research framework to deliver a proposed research framework for investigating effective IT governance implementation. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 106

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Adaptive structuration theory - Business operation - Constituent elements - Internal relationships - IT governance - Organizational maturity - Performance evaluation - Research frameworks

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

24. The moderating effect of legitimacy and reputation on SMEs in a B2B environment

Accession number: 20142617866428

Authors: Li, Kai (1); Du, Timon C. (2); Lin, Zhangxi (3)

Author affiliation: (1) Dept. of Industrial Engineering, Nankai University, Tianjin, China; (2) Chinese University of Hong Kong, Shatin, Hong Kong; (3) Texas Tech University, Lubbock, United States

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 134-146

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: How to survive and grow has always been a serious problem faced by the small and medium sized enterprises (SMEs) on a B2B platform. A lot of researches in entrepreneurship field have proved the positive effects of entrepreneurial orientation on firms' performance, but few researchers studied how entrepreneurial orientation influences performance. Based on the institutional theory, this paper introduces legitimacy and reputation to try to explain how competitive aggressiveness affects SMEs' performance in a B2B environment. Based on the analysis of data from 400 SMEs on a B2B platform, several interesting findings are concluded. Competitive aggressiveness has a very significant positive influence on SMEs' performance. It is more important to firms on a B2B platform than traditional firms. Both legitimacy and reputation plays a moderator role in this process; the better corporate legitimacy and reputation are, the stronger this influence is. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 33

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Competitive aggressiveness - Entrepreneurial orientation - Firms' performance - Institutional theory - Legitimacy - Performance - Reputation - Small and medium-sized enterprise

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

25. An institutionalisation view of the ERP in large organisations

Accession number: 20142617866422

Authors: Haider, Abrar (1); Pishdad, Azadeh (1)

Author affiliation: (1) School of Computer and Information Science, University of South Australia, Australia

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 78-89

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Enterprise resource planning (ERP) system is a highly complex information system. Contemporary information systems research on ERP technology focuses on factors influencing success of its organizational adoption. However, adoption is largely discussed in terms of technology implementation rather than its assimilation within the organization. ERP implementation, however, is not a one off endorsement of technology; instead its implementation is a continuous process of technology assimilation aimed at organisational evolution with and within the technical, organisational, and cultural context of the organisation. This process of institutionalisation maintains legitimacy, power, and social and economic fitness of the organisation on an on-going basis. This paper investigates ERP implementation challenges through various stages of ERP assimilation process considering institutional pressures, institutional change, and other technology implementation/ assimilation theories. It draws out a framework to guide ERP institutionalisation research in large organisations in Australia. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 62

Main heading: Enterprise resource planning

Controlled terms: Electronic commerce - Electronics industry - Information systems - Information use
Uncontrolled terms: Complex information systems - Enterprise resource planning systems - Erp assimilations
- ERP technologies - Institutional theory - Institutionalisation - Organizational adoptions - Technology implementation

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

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

26. An intuitionistic fuzzy simple additive weighting (IFSAW) method for selection of vendor

Accession number: 20142617866417

Authors: Kaur, Prabjot (1); Kumar, Sanjay (1)

Author affiliation: (1) Applied Mathematics, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, India

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

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Pages: 31-35

Language: English

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Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Selecting the right vendor from a large number of possible vendors is a non-trivial task, in which multiple criteria need to be examined carefully. The Multiple criteria decision making provides an effective framework for vendor comparison based on the evaluation of multiple conflict criteria. The decision maker's information on the conflicting criteria is imprecise due to lack of time or lack of data. Intuitionistic fuzzy set (IFS) is a very suitable tool to describe the imprecise decision information and deal with the uncertainty and vagueness in decision making. In this study, we propose an approach based on intuitionistic fuzzy SAW method to select an appropriate vendor. We use the simple operation of intuitionistic fuzzy arithmetic operation for calculating the aggregation score for each vendor. Finally a score function is used to rank the vendors with largest score. A numerical example illustrates our proposed approach. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 24

Main heading: Fuzzy sets

Controlled terms: Decision making - Electronic commerce - Electronics industry

Uncontrolled terms: Decision information - Intuitionistic fuzzy - Intuitionistic fuzzy sets - Multiple criteria - Multiple criteria decision making - Non-trivial tasks - Simple additive weighting - Simple operation

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

27. Design and implementation of service-oriented expert system

Accession number: 20142617866418

Authors: Lo, Chi-Chun (1); Yang, Mian-Yuan (1); Lee, Dai-Rong (1); Chen, Chi-Hua (1); Cheng, Ding-Yuan (1)
Author affiliation: (1) National Chiao Tung University, Taiwan
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012
Issue date: 2012
Publication year: 2012
Pages: 36-41
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 12th International Conference on Electronic Business, ICEB 2012
Conference date: October 12, 2012 - October 16, 2012
Conference location: Xi'an, China
Conference code: 105790
Publisher: International Consortium for Electronic Business
Abstract: In recent years, the Internet technologies are well developed and the Internet is filled with all kinds of information. Since the data storage is increasingly distributed and data formats are more diverged, data collection and integration for providing value-added services have gradually become important topics. In this study, we propose the Service-Oriented Expert System (SOES) based on Service Component Architecture (SCA) which can make the services on different platforms turn into a common service component on the Internet, concatenate all the service components by combining with the Enterprise Service Bus (ESB), and use both expert rules and data mining techniques to perform the data classification. The SOES is applied to analyze the annual financial information derived from electronic industry in the Taiwan Economic Journal (TEJ) during 2006 to 2008 for discovering the financial crisis enterprises. The experiment results show that using expert rules and decision tree to find the financial crisis enterprise is higher performance. Copyright © 2012 by International Consortium for Electronic Business.
Number of references: 7
Main heading: Service oriented architecture (SOA)
Controlled terms: Computer architecture - Data mining - Decision trees - Digital storage - Electronic commerce - Electronics industry - Expert systems - Finance - Storage as a service (STaaS) - Trees (mathematics)
Uncontrolled terms: Design and implementations - Electronic industries - Enterprise service bus - Financial information - Internet technology - Service component architecture - Service Oriented - Value added service
Classification code: 722.1 Data Storage, Equipment and Techniques
Data Storage, Equipment and Techniques
- 722.4 Digital Computers and Systems
Digital Computers and Systems
- 723 Computer Software, Data Handling and Applications
Computer Software, Data Handling and Applications
- 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

28. Uncertain regression modeling given the observational distributions

Accession number: 20142617866438
Authors: Guo, Renkuan (1)
Author affiliation: (1) University of Cape Town, Private Bag, Rondebosch 7701, Cape Town, South Africa
Corresponding author: Guo, R.
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012
Issue date: 2012
Publication year: 2012
Pages: 232-241
Language: English
ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In regression theory, the distribution of the error terms occupies a critical position, particularly when switching the data environment from probability theory to uncertainty theory. On the probabilistic platform, the variance-covariance matrix for standard regression model is assumed by an identity matrix with a positive constant multiplier. On the uncertain measure foundation, for given observational distributions, the variance-covariance is an interval-valued matrix. In this paper, we derive the interval-valued variance for given uncertain normal distribution. Further, we derive the interval-valued auto variance matrix for the observational error terms being the members of an uncertain canonical process. This new model may be regarded as an extension to the uncertain canonical process regression models, but its interval-valued variance-covariance matrix is also intrinsic to the uncertain canonical process, which results in an interval-valued weighted regression model. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 16

Main heading: Covariance matrix

Controlled terms: Electronic commerce - Electronics industry - Normal distribution - Regression analysis

Uncontrolled terms: Canonical process - Critical positions - Observational errors - Probability theory - Uncertain measures - Variance-covariance - Variance-covariance matrices - Weighted regression

Classification code: 723.5 Computer Applications

Computer Applications

- 921 Mathematics

Mathematics

- 922.1 Probability Theory

Probability Theory

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

29. Analysis of outsourcing strategies on information systems for tourist hotels in Taiwan

Accession number: 20142617866416

Authors: Liu, Tsong-Zen (1); Kuo, Hui-Hsin (1)

Author affiliation: (1) Department of Food and Beverage Management, National Kaohsiung University of Hospitality and Tourism, Graduate Institute of Hospitality Management, Taiwan

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

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

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Publication year: 2012

Pages: 23-30

Language: English

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Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Since outsourcing strategy of information systems has become one of the key businesses for tourist hotels in Taiwan. This paper tried to analyze the hotels' outsourcing strategies by exploring current information system statuses and requirements of 69 tourist hotels and comparing to past research findings. Results of this research reveal that most tourist hotels chose business outsourcing (18.84%) and total outsourcing (71.01%) as their strategies. In addition, operational systems on front fields and automatic systems on back offices are denoted as the most outsourcing information systems. On the other hand, small scale hotels took the strategy of total outsourcing and large scale hotels preferred to choose the strategy of business outsourcing. Hence, this research suggested that the tourist

hotels could outsource information systems with basic competition technologies to reduce cost and invest more on core competition information systems to ensure long-term market strength. High level management systems on back fields are still insufficient to support current hoteliers and must be developed by tourist hotels themselves. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 14

Main heading: Outsourcing

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

Uncontrolled terms: Automatic systems - Back office - Competition information - Level management - Operational systems - Outsourcing strategy - Reduce costs - Small scale

Classification code: 402.2 Public Buildings

Public Buildings

- 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

- 912.2 Management

Management

Numerical data indexing: Percentage 1.88e+01%, Percentage 7.10e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

30. Evaluating government websites using extended heuristic method: A case study of Lao PDR

Accession number: 20142617866414

Authors: Phommasack, Vilachith (1); Esichaikul, Vatcharaporn (1)

Author affiliation: (1) Asian Institute of Technology, Thailand

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: 8-15

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ISSN: 16830040

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Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: E-government websites have become very important tools for governments and citizens for providing and receiving information and services such as tax payment, registration for driver license, e-learning and many others. In order to make sure that information is adequately presented through E-government websites, it is necessary for governments to adopt a mechanism for validating websites to effectively publishing and disseminating of information online. In this study, a Heuristic Evaluation method was extended with Technology Acceptance Model (TAM), Diffusion of Innovation (DOI), Trust and Web Content Accessibility Guidelines (WCAG) to produce a new method to evaluate government websites. The study outcome has produced a set of 18 Heuristic rules for evaluating government websites, using Lao government websites as a case study. The results have indicated that most of Lao government websites need to pay more attention to these factors such as: Trust, Ease of Use, Service, Awareness, Usefulness, Style, Navigation and Flexibility. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 26

Main heading: Heuristic methods

Controlled terms: Driver licensing - e-government - Electronic commerce - Electronics industry - Websites

Uncontrolled terms: Diffusion of innovations - Evaluation - Government websites - Guidelines - Heuristic evaluation - Lao PDR - Technology acceptance model - Web content accessibility guidelines

Classification code: 432 Highway Transportation

Highway Transportation

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

31. Knowledge management and semantic technology in the health care revolution: Health 3.0 model

Accession number: 20142617866426

Authors: Chen, Dr Te Fu (1)

Author affiliation: (1) Department of Business Administration, Lunghwa University of Science and Technology, Taiwan

Corresponding author: Chen, D.T.F.(phd2003@gmail.com)

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

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Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Currently, the exploration, improvement, and application of knowledge management and semantic technologies to health care are in a revolution from Health 2.0 to Health 3.0. However, what accurately are knowledge management and semantic technologies and how can they improve a healthcare system? The study aims to review what constitute a Health 3.0 system, and identify key factors in the health care system. First, the study analyzes semantic web, definition of Health 2.0 and Health 3.0, new models for linked data: (1) semantic web and linked data graphs (2) semantic web and healthcare information challenges, OWL and linked knowledge, from linked data to linked knowledge, consistent knowledge representation, and Health 3.0 system. Secondly, the research analyzes two case studies of Health 3.0, and summarizes six key factors that constitute a Health 3.0 system. Finally, the study recommends the application of knowledge management and semantic technologies to Health 3.0 health care model requires the cooperation among emergency care, insurance companies, hospitals, pharmacies, government, specialists, academic researchers, and customer (patients). Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 24

Main heading: Knowledge management

Controlled terms: Data handling - Electronic commerce - Electronics industry - Health care - Health insurance - Information technology - Knowledge representation - Linked data - Semantic Web

Uncontrolled terms: Case-studies - Emergency care - Health 2.0 - Health care model - Health-care system - IMPROVE-A - Insurance companies - Semantic technologies

Classification code: 461.7 Health Care

Health Care

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903 Information Science

Information Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

32. Case studies on the exploitation of crowd-sourcing with web 2.0 functionalities

Accession number: 20142617866420

Authors: Soe, Khin Mu Yar (1); Kaur, Ravleen (1); Sharma, Ravi S. (1)

Author affiliation: (1) Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

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Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

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Publisher: International Consortium for Electronic Business

Abstract: Crowd-sourcing appears more promising with Web 2.0 functionality and businesses have started using it for a wide range of activities, that would be better completed by a crowd rather than any specific pool of knowledge workers. However, relatively little is known about how a business can leverage on collective intelligence and capture the user-generated value for competitive advantage. This empirical study uses the principle of interpretive field research to validate the case findings with a descriptive multiple case study methodology. An extended theoretical framework to identify the important considerations at strategic and functional levels for the effective use of crowd-sourcing is proposed. The analytic framework uses five Business Strategy Components: Vision and Strategy, Human Capital, Infrastructure, Linkage and Trust, and External Environment. It also uses four Web 2.0 Functional Components: Social Networking, Interaction Orientation, Customization & Personalization, and User-added Value. By using these components as analytic lenses, the case research examines how successful e-commerce firms may deploy Web 2.0 functionalities for effective use of crowd-sourcing. Prioritization of these functional considerations might be favorable in some cases for the best fit of situations and limitations. In conclusion, it is important that the alignment between strategy and functional components is maintained. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 66

Main heading: Electronics industry

Controlled terms: Competition - Crowdsourcing - Electronic commerce

Uncontrolled terms: Collective intelligences - Competitive advantage - External environments - Functional components - Multiple-case study - Open innovation - Theoretical framework - Wisdom of the crowds

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

33. The effect of affinity design on review helpfulness: An experimental study of online passenger review in the airline industry

Accession number: 20142617866429

Authors: Cheng, Chiang-Yu (1); Li, Eldon Y. (1); Shu, Wesley (2)

Author affiliation: (1) Department of Management Information Systems, College of Commerce, National Chengchi University, China; (2) Department of Information Management, College of Management, National Central University, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

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ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: Online reviews have drawn the attention of the MIS community. According to a survey conducted by an e-tailing group, 63% of consumers repeatedly collect product information online before making purchases. Half of them spend at least 10 minutes searching for product information. Similarly, airline passengers should read reviews before booking tickets, because the outcome of taking a plane with an unknown airline cannot be anticipated by inexperienced passengers. However, we have little information about why passengers interact with these reviews differently. Long searches are especially likely for popular air routes or airlines, where passengers often face information overload. Passengers may also give more weight to negative reviews and reviews written by someone with strong social tie or similar background with them. In addition, they may give the most weight to the reviews they read first. Thus, we want to know (a) does the order in which reviews are read matter and (b) does the reviewer's background matter? If they do matter, how? The current study designs an experimental flying review website, using the concepts of "consumer affinity" and "review arrangement". We aim to explore the best way for passengers understanding the performance of the airline, saving their cognitive efforts to process reviews, and provoking their receptions of social presence. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 28

Main heading: Air transportation

Controlled terms: Electronic commerce - Electronics industry - Surveys

Uncontrolled terms: Airline industry - Airline passengers - Cognitive efforts - Consumer affinity - Information overloads - Online reviews - Product information - Social presence

Classification code: 431.1 Air Transportation, General

Air Transportation, General

- 723.5 Computer Applications

Computer Applications

Numerical data indexing: Percentage 6.30e+01%, Time 6.00e+02s

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

34. Welcome message from general chairs

Accession number: 20142617866412

Authors: Liu, Baoding (1); Gao, Jinwu (2)

Author affiliation: (1) Tsinghua University, China; (2) Renmin University of China, China

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

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

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: IV

Language: English

ISSN: 16830040

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Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

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Database: Compendex
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