

Contents- Modelling D, 2014

Vol. 35, n°1

- Optimal pricing and ordering policies for deteriorating items with two-level trade credits under price-sensitive trended demand.
Nita, H.; Dushyantkumar, G.; Digeshkumar, B. (India) 1
- Solve the more general travelling salesman problem.
Feng, C.; Liang, J. (China) 9
- Economic sustainability of integrated hydropower development of Ero-Omola Falls, Kwara state, Nigeria.
Lawal, K.M.; Sule, B.F.; Ogunlela, A.O. (Nigeria) 24
- A proposed intelligent decision support system for marketing planning in industrial enterprises.
Mansour, E.A. (Egypt) 52

Contents- Modelling D, 2013

Vol. 34, n°1

- The closeness centrality analysis of undirected fuzzy social network
Hu, R.J.; Zhang, G.Y(P.R.China) 1
- A decision support System for crossdocking operations in just-in-time manufacturing for lead time reduction.
Hauser, K.; Lee-Post, A; Chung, C.H. (USA) 17
- Analysis of transit performance for planning service changes and assessing their impacts in the Ilorin urban area.
Yusuf, I.T. (Nigeria) 37
- Comparison of the loyalty program based on the analytic hierarchy process: take Chinese shopping sites as an example.
Zhang, D.P.; Chen, X.Y.; Huang, C. (China) 50

Vol. 34, n°2

- The determinants of capital structure: evidence from Egypt.
Dawood, A.S.M. (Egypt) 1
- Applying an activity based costing system to a long-term care center: a case study.
Sanchez-Rebull, M.V.; Terceño Gomez, A.; Trave Bautista, A., M. (Spain) 18
- Mathematical relationship between dependant and independent parameters of women workers working on Ambar Charka (speening weel) by dimensional analysis.
Thakre, G.V.; Patil,S.G. (India) 38

Modelling D, 2012

Vol. 33, n°1

- *Theoretical, analytical and methodological issues on regional integration and bilateral trade in the ECOWAS sub-region: evidence from the literature on the gravity model of trade.* Reuben, J.; Arene, C. J.; Nweze, N. J. (Nigeria).....1
- *A joint economic lot size (JELS) probabilistic inventory model one vendor one costumer situation with random demand having weibull distribution.* Mandal, S.; Khan, D. A. (India).....21
- *Extensive studyof logistic regression using randomized response sampling.* Ahangar, R.; Wang, R.; Perez, J.; Singh, S. (USA).....34

Vol. 33, n°2

- *An economic order quantity model under increasing varying holding cost and two restrictions via geometric programming.* Kotb, K. A. M.; Fergany, H. A. (Saudi Arabia-Egypt).....1
- *Management of concurrency model in cooperative group work.* Messaoudi, F.; Moussaoui, M. (Morocco).....11
- *Production profiles and profitability of poultry egg production business in Nigeria: case study of Kwara State.* Omotesho, O. A.; Muhammad-Lawal, A.; Fakayode, S. B.; Fabusuyi, O. S. (Nigeria)29

Modelling D-2011

Vol. 32 n° 1

Page

- *A real-coded algorithm for solving transportation problems with flexible transportation cost and interval valued demand and supply parameters.* R.K. Gupta; A. K. Bhunia (India).....1
- *Simulation modelling and analysis of the performance of a flexible manufacturing system.* O.A. Joseph; R. Sridharan (India).....14

| | | |
|---|--|----|
| – | <i>An analysis of tourist accommodation in the Balearic Islands future trends.</i> O. Martorell ; C. Mulet ; L. Otero (Spain)..... | 32 |
| – | <i>Forecasting of arrival and detention pattern of coal wagan rakes in low capacity thermal power plants.</i> A.K. Basu; R.K. Yadav; G.N. Singh (India)..... | 52 |

Vol. 32 n° 2

Page

| | | |
|---|--|----|
| – | <i>Comparative analysis of resource use efficiency in rice production system in Abia State-Nigeria.</i> J.C. Nwaru; O.R. Iheke (Nigeria)..... | 1 |
| – | <i>Fuzzy approach to the estimation of the ecological sustainability index and investments distribution.</i> G.C. Imanov; S.M. Pur Rizza (Azerbaijan)..... | 20 |
| – | <i>Using support vector machines (SVMs) with asymmetrical double hinge loss for ectopic heartbeat detection.</i> Z. Zidelmal; A. Amirou; A. Belouchrani (Algeria)..... | 34 |

Modelling D-2010

Vol. 31 n° 1

Page

| | | |
|---|---|----|
| – | “A comparative study of soft computing techniques to forecast recruitment process in a industry”. N. Sivaram; K. Ramar (India)..... | 1 |
| – | “A Knowledge-based system to infer academic excellence of learners”. R. Dhanapal; D. Sharmili; K. Shanti (India)..... | 21 |
| – | “Representation and analysis of learner’s knowledge in an adaptive hypermedia”. A. Derovich; M. Karim; E. K. Hachem (Marocco)..... | 31 |
| – | “ARIMA models as tools for predicting university admission example: the university of Lagos, Nigeria”. J. N. Onyeca-Ubaka; O. Abass; E. O. Esan (Nigeria) | 41 |
| – | “On bi-level integer non linear multiobjective goal programming problem based on fuzzy approach”. O. E. Emam (Egypt)..... | 54 |
| – | “Mamdani-ANFIS and its application in evaluation of students’ value”. P. Dewangam; M. F. Qureshi; N. P. Dewangam (India)..... | 65 |

Vol. 31 n° 2

| | | |
|---|---|----|
| – | “An iterative goal programming approach for solving chance-constrained multiobjective integer linear programming problems”. O. M. Saad; O. E. Emam (Egypt)..... | 1 |
| – | “A study on the solar panel manufacturing processes”. N. Moubayed; M. Bernard; M. H. El-Jamal (Lebanon)..... | 11 |
| – | “A Hopfield approach to economic dispatch including transmission losses using lab view software”. F. Benhamida; A. Bendaoued; A. Bentaallah; A. Ayad (Algeria) | 25 |
| – | “Inventory model for deteriorating items with salvage value under retailer partial trade credit and stock-dependant demand in supply chain”. N. H. Shah; P. Mishka (India)..... | 38 |
| – | “A decision model for ranking total quality management (TQM) methods”. H. Soltan (Egypt) | 55 |
| – | “A virtual electrical power systems laboratory using lab VIEW softwre for educational purposes”. F. Benhamida; A. Ayad; A. Bentaallah; A. Bendaoued (Algeria) | 72 |

Modelling D-2009

Vol. 30 n° 1

Page

| | | |
|---|--|----|
| – | “On the use of the Ordered Weighted Averaging operator in the adequacy coefficient”. J. M. Merigó; A. M. Gil-Lafuente (Spain) | 1 |
| – | “Maximum entropy method in cars flowing traffic network system”. R. Kar; S. K. Mazumder (India) | 17 |
| – | “The optimal method of maintenance for a better optimization application of the model at moroccan small and mediate enterprises”. B. Herrou; S. Elfezazi; B. Elkihel; M. Elghorba; A. Chfii (Morocco)..... | 27 |

- “A JELS probabilistic inventory model with random demand having uniform distribution in a one vendor and multi customer situation”. D. A. Khan (India)44
- “Automatic test case generation for unified modelling language (UML) sequence diagram using genetic algorithm”. M. Prasanna; K. R. Chaudran; T. Rathika (India).....62

Vol. 30 n° 2

- “Synchronisation granularity and processes based scheduling of parallel jobs with agile algorithm”. S. V. Sudha; K. Thanushkodi (India).....1
- “Behavioural analysis of models developed for productive capabilities of sewing machine operators (SMO) considering women factors”. S. G. Patil; J. P. Modak (India).....21
- “Reconfiguration of lean and agile paradigms analysis of practices and new perspectives”. H. A. M. Soltan (Egypt)35
- “Deteriorating inventory model for optimal ordering and pricing policies under retailer partial trade credit in supply chain when demand decreases”. N. H. Shah; K. T. Shukla (India)49
- “An order-level inventory model for items with weibull distribution deterioration shortages and stock-dependant time varying demand”. J. Bhowmick; G. P. Samantha (India).....64
- “Simulation of part and tool flow in a flexible manufacturing system operating under part and tool movement policies”. N. Suresh Kumar; S. Sridharan (India)78

Modelling D - 2008

Vol. 29 n° 1

- “Effects of design variables on social cohesion, risk – pooling and loan repayment among agricultural micro-credit groups in rural Nigeria”. M. Mkpado; C. J. Arene (Nigeria)..... 1
- “The relationship between hotel chain growth and their return on investment”. O. Martorell; C. Mulet (Spain)..... 18
- “Analyzing the unification point in the selection of polyvalent financial products”. J. M. Merigó; A. M. Gil – Lafuente (Spain)..... 37
- “A decision model for planning marketing mix, price and production in an agile environment”. Jimmy Lee; C. H. Chung; Roger Calantone; Ted Haggblom (Taiwan - USA)..... 55
- “Dynamic dispatch considering prohibited operating zones using hybrid computational algorithm”. S. Titus; T. Aruldoss; Albert Victoire; A. Ebenezer Jeyakumar (India)..... 75

Vol. 29 n° 2

- “A hybrid model of mathematical programming and multi-criteria decision analysis for the geographical information systems to multiple representations: industrial localization in Morocco”. T. Agouti; M. El Adnani; A. Tikniovine; A. Ait Ouahman (Morocco)..... 1
- “Global attractor in solow growth model with differential savings and endogenous labor force growth”. S. Brianzoni; C. Mammana; E. Michetti (Italy)..... 19
- “Identification of greenhouse dynamic temperature model using statistical modelling”. A. Lachhab; L. Ezzine; A. Eddahhak; S. Didi; J. R. Salinas Vasquez; F. Garcia Lagos; M. Atencia; G. Joya Caparrós; B. Bouchikhi (Morocco – Spain)..... 38
- “A model formulation for evaluation of performance of sewing machine operator with improved diet”. S. G. Patil; S. V. Bansod; N. W. Ingole; J. P. Modak (India)..... 49
- “Chaos in a class of maps on the interval: the case of a small open economy with credit constraint”. C. Mammana; E. Michetti (Italy)..... 58

- “Analytic solution of the optimal economic growth in an aggregative closed economy”. E. O. Oyatoye; M. A. Ibiejugba (Nigeria)..... 70

Modelling D – 2007

Vol. 28 n° 1

Page

- “Testing of some fuzzy MCDM models on optimum allocation of agriculture land”. S.P. Mohanty; A. Baral (India).....1
- “Application of a stochastic frontier production function to the measurement of technical efficiency in food crop production in Imo State, Nigeria”. C.E. Onyenweaku; J.C. Nwaru (Nigeria).....15
- “Mathematical model of the transmission dynamics of HIV/AIDS with age structure and a physiological factor”. S.C. Inyama (Nigeria).....27
- “Agent framework for modelling management systems of maritime transport”. A. Nejeovi; A. Elfazziki (Morocco).....38
- “Optimum combination of food crop enterprises in zuru agricultural zones, Kebbi State, Nigeria: a linear programming approach”. L. Tanko; C.E. Onyenweaku (Nigeria).....59
- “General ideas for accelerating the transforming of 3-year colleges into 4-year universities”. Fuyuan Xu; Feiling Cheng; Lin Liang (China).....78

Vol. 28 n° 2

Page

- “Simulation modelling and analysis of tool sharing and part scheduling decisions in flexible manufacturing systems”. N. Suresh Kumar; R. Sridharan (India).....1
- “Further on Monte-Carlo simulation of inputs in production theory”. I. Disi Essi; I.O.Iyaniwura; S.N. Amadi (Nigeria).....23
- “Optimal short-term scheduling of hydroelectric power systems”. A. Bensalem; A. Bouhentala; S.E. Zouzou (Algeria).....36
- “Fuzzy models and algorithms for solving marine routing problem using values of statistical level”. Y.P. Kondratenko; B. Werners; G.V. Kondratenko (Ukraine-Germany).....47
- “Job shop scheduling using ant colony optimization with stepping pheromone trail updates”. V.P. Eswaramurthy; A. Tamilarasi; P. Senthil Velmurugan (India).....60
- “A JELS probabilistic inventory model with random demands having truncated normal distribution in a one vendor-one customer situation”. D.A. Khan; U.C. Ray; G. Panda (India).....77