Industrial Engineering and Management

Sharif

Summer 2019

Editor-in-Chief: Seyed Taghi Akhavan Niaki

This Journal is published under the auspices of Sharif University of technology, Office of the Vice-Chancellor-in-Charge of Research.

The Journal is published Semiannually in Farsi language, aiqms at establishing a relationship between scientists active in different branches of science and technology and, in particular, at providing a forum for exchange of knowledge between scientists and technologists related to scientific problems prevailing in contemporary society. The journal also strives to present practical and theoretical analyses of these issues and facilitates the circulation of modern scientific findings by scientists and researchers for practical application. In addition, "Sharif" publishes original papers focusing on issues of specific concern to universities, including research, technological advancements, and topics related to matters of higher education.

P.O.BOX 11155-8639 AZADI AVENUE, TEHRAN, I.R. IRAN Phone: (98-21) 66005419 - 66164093 Fax: (98-21) 66012983 http:// www. globalsciencejournals.com Web: http://journal.sharif.ir/

E-mail: pajouhesh@sharif.edu

CONTENTS

- OPTIMIZATION OF QUANTITATIVE REWORK RISK ALLOCATION BY CHECKING BENEFIT TO COST BEHAVIOR USING SYSTEM DYNAMIC APPROACH
 - Y. Zare mehrjerdi and N. Zare Mahmodabadi
- USING GAME THEORY FOR MODELING OF GREEN SUPPLY CHAIN STRATEGIES WITH GOVERNMENT DECISION MAKING; 3-PLAYER
 - A.R. Sepahi Chavoshlou, A.R. Arshadi Khamseh and B. Naderi
- DEVELOPING A THREE-OBJECTIVE MATHEMATICAL MODEL IN ORDER TO PLAN A SUSTAINABLE SUPPLY CHAIN FOR DETERIORATING AGRICULTURAL PRODUCTS
 - M. Rahmani, Z. Sazvar and A. Bozorgi-Amiri
- A MATHEMATICAL MODEL FOR DESIGNING OF PRODUCTION LINE USING RELIABILITY OPTIMIZATION APPROACH UNDER UNCERTAINTY
 - F. Jolai, S. Jooybar and M.A. Zare-Shourijeh
- PROPOSING MODELS BASED ON NETWORK SLACK-BASED MEASURES DEA TO EVALUATE PERFORMANCE OF SUPPLY CHAIN (CASE OF STUDY: ELECTRIC POWER SUPPLY CHAIN IN IRAN) A. Oveysi Omran, M. Shafiei Nikabadi, M. Amiri and K. Yakideh
- MODELING SUSTAINABILITY OF THE URMIA LAKE BASIN USING DYNAMIC BAYESIAN NETWORK
 - V. Khodakarami and M. Shirazi
- A NEW MATHEMATICAL MODEL FOR SIMULTANEOUS DOCK ASSIGNMENT AND VEHICLE ROUTING WITH SOFT TIME WINDOWS WITHIN CROSS-DOCKS
 - M. Alinaghian, A. Hasanzadeh and A. Zeinal Hamadani
- OPTIMIZED INTEGRATED PRODUCTION, TRANSPORTATION AND DELIVERY IN FLOW SHOP SYSTEM: MATHEMATICAL MODELING AND APPLICATION IN PRODUCTION SYSTEMS A. Cheraghalikhani , Sh. Mohammadi and R. Ramezanian
- ENGINEERING-STATISTICAL APPROACH TO ADJUSTMENT AND CALIBRATION COMPLEX MODELS CASE STUDY: LASER ASSISTED MECHANICAL MICRO-MACHINING PROCESS Z. Khalaj, A. Aghaie and Y. Samimi
- ESTIMATING AND H-STEP-AHEAD FORECASTING CONDITIONAL VALUE AT RISK OF TEHRAN STOCK EXCHANGE INDEX; NEW HWES **APPROACH**
 - E. Mohammadian Amiri and S.B. Ebrahimi

RESEARCH NOTE:

- SHORT TERM SEASONAL FORECASTING OF ELECTRICITY DEMAND USING SOFT INTELLIGENT HYBRID MODELS F. Chahkoutahi and M. Khashei
- DESIGNING OF INCENTIVE CONTRACT FOR VENTURE CAPITAL UNDER ASYMMETRIC INFORMATION WITH AN EMPHASIS ON AMBIGUITY AVERSION OF PARTIES M.A. Rastegar, A. Sharifi and S.H. Jafarpour Rezaei
- THE EFFECT OF CONTENT AND STRUCTURE CHARACTERISTICS OF WEBSITE ON ONLINE CUSTOMER TRUST AND DISTRUST 131 M. Fathian, E. Teimoury and F. Gholami
- SURVEY OF STACKELBERG AND CENTRALIZED APPROACHES IN DYNAMIC ADVERTISING AND PRICING FOR DUAL CHANNEL 139 SUPPLY CHAIN
 - A. Rahmani, S.R.Hejazi and M. Rasti-Barzoki

APPENDIX

158 ABSTRACTS OF PAPERS IN ENGLISH