

**JOURNAL OF
INFORMATION & OPTIMIZATION SCIENCES**

Index of Volume 27 (2006)

Number 1, January

T. T. LIN : An internet banking system establishment with transaction rate uncertainty: a real options approach	1-15
R. PROCESI AND R. ROTA : Codes and groups	17-20
T. D. RISHEL AND C. CANEL : Using a maintenance contribution model to predict the impact of maintenance on profitability	21-34
D. FAVARETTO, E. MORETTI AND P. PELLEGRINI : An ant colony system approach for variants of the traveling salesman problem with time windows	35-54
S. FURUYAMA AND T. NAKAI : The analysis of the Cournot oligopoly model considering the subjective motive in the strategy selection	55-68
S. FURUYAMA AND T. NAKAI : Fuzzy subjective game considering non-additive feelings of players :	69-80
A. VLACHOS : Ant colony system solving capacitated location-allocation problems on a line	81-96
K. V. RAMASWAMY : Optimal lot sizing in manufacturing revisited	97-105
T. F. LIANG : Applying interactive fuzzy multi-objective linear programming to transportation planning decisions	107-126
M. TAMIZ AND R. E. TRELOAR : Issues concerning block trading and transaction costs	127-144
J. M. HSIAO AND C. C. TSAI : Monitoring and incentives in a supply chain: an agency-theoretic perspective	145-165
K. H. CHIU : Information flow over process	167-192
I. M. WANG AND C. J. SHIEH : The relationship between service quality and customer satisfaction: the example of CJCJ library	193-209
T. T. HUANG AND W. T. HUANG : Using signed distance and order statistics method for fuzzy evaluation of service quality	211-223
J. S. CHEN AND J. S. YANG : Model formulations for the machine scheduling problem with limited waiting time constraints	225-240
K. P. WEE, H. M. WEE AND W. C. HUANG : Organizational leadership and its relative influences	241-248
C. H. WANG, M. H. SHU AND I. M. CHAO : Capital investment in setup cost reduction for a lot-size, reorder point model	249-258

Number 2, May

M. ROCCA : Well-posed vector optimization problems and vector variational inequalities	259–270
P. H. HSU, H. M. WEE AND H. M. TENG : Optimal lot sizing for deteriorating items with expiration date	271–286
T. T. LIN, C. K. LIU, C. C. KO AND H. C. LEE : Decision making for integrating a securities firm with a financial holding company: comparison between the NPV method and the binomial option approach	287–315
M. S. CHEN, C. L. WANG AND S. C. WANG : Electricity transmission network optimization model of supply and demand – the case in Taiwan electricity transmission system	317–334
R. C. CHEN, W. T. LEE AND J. M. LIN : Providing latency guarantees for the bursty traffic in multiple queues by fast switching method with bandwidth non-dividing	335–355
P. C. LIN AND J. WANG : Application of clustering algorithm to optimizing tool handling management for FMS	357–378
R. S. CHEN AND J. Z. SHYU : Selecting a weapon system using zero-one goal programming and analytic network process	379–399
H. M. TENG : Extended warranty pricing considering the time of money	401–409
C. D'APICE AND R. MANZO : Calculation of predicted average packet delay and its application for flow control in data network	411–423
D. BOUDJEHEM AND N. MANSOURI : A two phase local global search algorithm using new global search strategy	425–436
T. F. LIANG, H. W. CHENG AND E. J. WANG : Integrated production/ transportation planning decisions using possibilistic linear programming	437–457
W. J. CHEN, S. M. LIN AND J. C. TSOU : Sequencing heuristic for bicriteria scheduling in a single machine problem	459–468
T. L. HUANG, C. H. CHANG, C. C. HUANG AND T. Y. HWANG : S.T.M. based predictable time-varying controller and estimator design	469–480
K. C. CHEN, L. F. HUANG, H. Y. LIN, S. C. LIN AND J. C. KUO : Fight evaluation of NBA teams — application of grey relational analysis	481–498
C. C. WU AND W. C. LEE : Single machine scheduling to minimize the setup time and the earliness	499–510

Number 3, September

S. SUKTO AND P. CHARNSETHIKUL : List-scheduling and column-generations for scheduling of n job-groups with set up time and due date through m identical parallel machines to minimize makespan	511–535
M. F. YANG : A two-echelon inventory model with fuzzy annual demand in a supply chain	537–550
C. H. CHENG AND P. J. CHENG : Genetic algorithm based wavelet neural network speed controller for spindle motor of DVD-ROM	551–563
S. W. CHIU : Effect of repair cost on the rework decision-making in an economic production quantity model	565–576
C. K. SUNG AND C. Y. LIN : Optimizing an integrated production and quality strategy considering inspection and preventive maintenance errors	577–593
J. H. LIN, R. JOU AND C. P. CHANG : Optimal lending under strategic acquisition and capital regulation: an option-based optimization	595–614
Y. T. CHANG, C. Y. LO, P. C. CHEN AND Y. K. HUANG : The application of neural networks and grey system theory in foreign exchange rates forecasting	615–628
C. Y. LIN : Factors affecting the innovation in logistics information systems for logistics service providers in Taiwan	629–648
L. H. CHEN AND Y. J. CHENG : Assessing the performance of various evaluation periods between the market model and the grey model in relation to event study	649–663
S. H. CHANG AND S. H. PAO : Quantity discount strategies and returns policies	665–678
W. Y. WANG, D. J. HORNG AND Y. C. CHEN : Optimal production and inspection strategy while considering preventive maintenance errors and minimal repair	679–694
Y. F. HUANG AND M. L. SHYU : On a finite production model with random defective rate and shortages allowed and backordered	695–699
J. C. KE, C. H. LIOU AND S. L. LEE : An optimum maintenance strategy for machine repair problem with spares and server vacations	701–722
C. W. CHANG, C. R. WU AND H. L. LIN : A simplified measurement scheme for software quality	723–732
C. C. TSAI AND C. C. CHEN : Measuring process capability index C_{pk} with fuzzy data	733–746
B. C. OUYANG AND H. RAU : A simple optimal approach for the inventory replenishment problem with linear demand	747–755
<i>Index of Volume 27 (2006)</i>	757–759