

var puserid = '1524'; var albumpage = '';

Research Interests

- 1- Mathematical Modeling for Production Management Problems
- 2- Location & Layout Design
- 3- Simulated Annealing, Tabu Search, Genetic Algorithms
- 4- Supply Chain Mangement, in particular Disruption Management
- 5- Productivity & Performance Measurement
- 6- QFD, Quality Management

Education

- 1 BSc/BA : Industrial Engineering, Isfahan University of Technology, Iran, 1987
- 2 MS : Industrial Engineering & Systems, Sharif University of Technology, Iran, 1990
- 3 PhD : Industrial Engineering & Management, Tokyo Institute of Technology, Japan, 1994

Research Experience

- 1- BPR in Ministry of Foreign Affairs Islamic Republic of Iran, -
- 2- BPR in Ministry of Labour Islamic Republic of Iran, -
- 3- BPR in Ministry of Cooperatives Islamic Republic of Iran
- 4- Total System design for Yazd Tier Company

Teaching Experience

- 1- Facilities Layout & Location, Quality Management & Productivity , Graduate
- 2- Sequencing & Scheduling, Productivity and Performance Measurement, Postgraduate

Languages Skills

- 1- English :Reading&Writing and Debate ---- Japanese: Debate& Reading

Books

- 1- Zegordi S.H. 2000, *Cost Reduction Systems/Translated to Persian*, Cost Reduction Systems, Monden, 1996, (Translated to Persian, 2000)
- 2- Zegordi S.H. Davarzani 2012, *Disruption & Sanction in Supply Chain: Analysis & Solution*, Tehran, Industrial Mangement Publication.

National Journals

- 1- Zegordi S. H., Barizinpour F 2000, 'A Simulated Annealing Scheme for Solving Cell Formation Problem with Fuzzy Demand', *Amir Kabir Journal of Science and Technology*, Vol. 11, No. 44, pp.

- 2- Zegordi, S. H. Nahavandi, N., 2002, 'Measuring productivity Indexes & Efficiency in Container Terminal of Rajaei Port', *Scientia Iranica* , Vol. 19, No. 3, pp. 248-254
- 3- Zegordi, S.H., Khoshalhan, F 2003, 'Solving Type One & Type Two Fuzzy Assembly Line Balancing Problems Using Genetic Algorithms ', *Amir Kabir Journal of Science and Technology*, Vol. 14, No. 55, pp. 911
- 4- Zegordi, S.H., Nikravesh, P., Memariani, A 2003, 'Quadratic Assignment Problem Using Neural Networks', *Amir Kabir Journal of Science and Technology*, Vol. 13, No. 51, pp. 319-330
- 5- Naebi, H.R., Aghdasi, M., Zegordi, S.H 2003, 'Iranian Culture and the Acceptance of TQM: A Measurement Pattern', *Modares Human Science Journal*, Vol. 6, No. 1, pp. 115-134
- 6- Barzinpour F., Zegordi S.H 2005, 'A Simulated Annealing Scheme for Scheduling in Cellular Manufacturing Systems with Setup Time', *Amir Kabir Journal of Science and Technology*, Vol. 15, No. 60, pp. 111-124
- 7- Zegordi, S.H., Sepehri M.M., Tavakoli-Moghadam R., Samiei A 2006, 'Designing a Developed Model for Set Covering Problems by Genetic Algorithms', *International Journal of Engineering Science*, Vol. 4, No. 16, pp. 11-20
- 8- Imanipour N., Zegordi S.H 2005, 'Integrated Process Planning and Job Shop Scheduling using a Tabu Search Approach', *Amir Kabir Journal of Science and Technology*, Vol. 15, No. 60-2, pp. 73-85
- 9- Imanipour N., Zegordi S.H. 2006, 'A Heuristic Approach Based on Tabu Search for Early/Tardy Flexible Job Shop Problem', *Scientia Iranica*, Vol. 13, No. 1, pp.
- 10- S.H. Zegordi and Fallahzade 2007, 'Action Research in the Application of QFD for Quality Improvement in T.V Industry', *International Journal of Engineering Science*, Vol. 17, No. 6, pp. 23-35
- 11- H.A. Mousazadegan and S.H. Zegordi 2008, 'A New Model for Solving Cost-Oriented Assembly Line Balancing Problem', *International Journal of Engineering Science*, Vol. 19, No. 1, pp. 15-25
- 12- F. Jariri, S.H. Zegordi 2008, 'Quality Function Deployment, Value Engineering and Target Costing, an Integrated Framework in Design Cost Management: A Mathematical Programming Approach', *Scientia Iranica*, Vol. 15, No. 3, pp. 405-411
- 13- M.Saviz Asadi.L., S.H. Zegordi 2009, 'Heuristic Algorithm to Solve the Multi-Floor Layout Problem with the consideration of Elevator', *International Journal of Industrial Engineering & Production Management*, Vol. 19, No. 4, pp. 41-54
- 14- R.B. Kazemzadeh, S.H. Zegordi M.A Beheshtinia 2008, 'Bi-Criterion Scheduling in Hybrid Flow Shop with Non-Identical Machines', *Journal of Engineering Faculty* , Vol. 41, No. 7, pp. 849-861
- 15- Y.Rabbani, M.M. Sepehri, S.H. Zegordi 2009, 'VRP Contiguous to Multimodel Transportation Problem: An Integrated Approach', *Journal of Transportation Research*, Vol. 5, No. 44, pp. 307-318
- 16- S.H. Zegordi, M.A. Beheshti nia, N. Jafari Hajagha 2009, "Minimizing Makespan in Job Shop Scheduling Problem with Parallel Machines", *International Journal of Industrial Engineering & Production Management*, Vol. 20, No. 2, pp. 11-21
- 17- S.H. Zegordi and E. Nikhbakhsh 2009, "A Heuristic and a Lower Bound fo the Two Echelon Location-Routing Problem", *International Journal of Industrial Engineering & Production Management*, Vol. 20, No. 1, pp. 1-14
- 18- S.H.Zegordi and M. Esmaili 2009, " The impact of information technology in Iranian companies excellence" *Quarterly Journal of Modarres*, Vol.13, No. 2, pp.119-157
- 19- S.H. Zegordi and E. Bohlouli 2009, "A Heuristic and a Lower Bound fo the Two Echelon Location-Routing Problem", *International Journal of Industrial Engineering & Production Management*, Vol. 20, No. 2 pp. 45-55
- 20- S.H. Zegordi and M.A. Beheshti nia 2009, "Integrating transportation in supply chain considering vehicles with different capacities" , *Journal of Transportation Research*, Vol. 6, No. 3, pp. 233-244
- 21- S.H. Zegordi and M. R. Ghashghaei 2009, "Flexible Job-shop scheduling considering maintenace constrains" , *Industrial Engineering & Management Sharif* , Vol. 26, No. 1, pp. 101-115
- 22- N. Jafari and S.H. Zegordi 2010, "Solving the Airline Recovery Problem by Using Ant Colony Optimization",*International Journal of Industrial Engineering & Production Management* , Vol. 21, No. 3, pp. 131-138
- 23- S.H. Zegordi, S. Bagheri, J. Attarian 2010, "Statistical Analysis of Relationship between Key Success Factors of Six Sigma Projects in Selected Iranian Companies", *Journal of Industrial Engineering*, Vol.44, No.1, pp.49-62

- 1- Zegordi, S. H., Itoh K. and Enkawa T., 1995, 'Minimizing Make span for Flow Shop Scheduling by Combining Simulated Annealing with Sequencing Knowledge', *European Journal of Operational Research* , No. 85, pp. 515-531
- 2- Zegordi S. H., Itoh K. and Enkawa T 1995, 'A Knowledgeable Simulated Annealing Scheme for the Early/Tardy Flow shop Scheduling Problem', *International Journal of Production Research*, Vol. 33, No. 5, pp. 1444-1466
- 3- Zegordi S. H., Itoh K., Enkawa T. and Shih L. C., 1995, 'Simulated Annealing Scheme Incorporating Move Desirability Table for Solution of Facility Layout Problem', *Journal of the Operational Research Society of Japan* , Vol. 38, No. 1, pp. 1-20
- 4- Mansouri.S.A., Moattar -Hosseini .Zegordi, S.H. 2003, 'A Genetic Algorithm for multiple Objective dealing with exceptional Elements In cellular Manufacturing', *Production Planning & Control*, Vol. 14, No. 5, pp. 437-446
- 5- Y. Darabi, A.Caruana and S.H. Zegordi 2008, 'The Impact of Market Orientation on Business Performance and Website Adoption: A Study Among Iranain SMEs', *IADIS International Journal on WWW/Internet*, Vol. 5, No. 2, pp. 26-39
- 6- F. Jariri, S.H. Zegordi 2008, 'Quality Function Deployment Planning for Platform Design', *International Journal of Advanced Manufacturing Technology*, Vol. 36, No. 5-6, pp. 419-430
- 7- S.K. Chaharsooghi, J. Heidari, S.H. Zegordi 2008, 'A Reinforcement learning model for Supply chain ordering Management: An application to the beer game', *Decision Support Systems*, Vol. 45, pp. 949-959
- 8- S.H. Zegordi and M.A. Beheshti nia 2009, Integrating production and transportation scheduling in a two stage supply chain considering order assignment', *International Journal of Advanced Manufacturing Technology*, Vol. 44, No. 9-10 pp. 928-939
- 9- S.H. Zegordi and M.A. Beheshti nia 2009, "A multi-population genetic algorithm for transportation scheduling", *Transportation Research Part E* , Vol. 45E, No. 6, pp. 946-959
- 10- S.H. Zegordi, I.N. Kamal Abadi, M.A. Beheshti nia 2010, "A novel genetic algorithm for solving production and transportation scheduling in a two-stage supply chain", *Computers & Industrial Engineering* , Vol. 58, No. 3 pp. 373-381
- 11- E. Nikbakhsh and S.H. Zegordi 2010, "A Heuristic Algorithm and a Lower Bound for the Two- Echelon Location-Routing Problem with Soft Time Window Constraints", *Scientia Iranica Transaction E: Industrial Engineering* , Vol. 17, No. 1, pp. 36-47
- 12- N. Jafari and S.H. Zegordi 2010, "The airline perturbation problem:considering distrupted passengers", *Transportation Planning and Technology* , Vol. 33, No. 2, pp. 203-220
- 13- S.H. Zegordi, M.Aghdasi, H. Davarzani, N.G. Tehrani 2010, "Incident Management in Urban Transportation: Application of Data Mining" *SCIT Journal*, Vol.10,pp. 19-28
- 14- S.H. Zegordi, and N. Fakhredaei 2011, "The factors affecting adoption of CRM at organizational level in Iran's shipping Industry", *Int. J. Business Information Systems*, Vol. 8, No. 2 pp. 165-191
- 15- N. Jafari and S.H. Zegordi 2011 "Simultaneous recovery model for aircfart and passengers", *Journal of The Franklin Institute* , Vol. 348 No. 2, pp. 1638-1655
- 16- H. Davarzani, S.H. Zegordi, A. Norrman2011, "Contingent Management of Supply Chain Disruption:Effect of Dual or Triple Sourcing", *Scientia Iranica*, Vol. 16, No.6, pp. 1517-1528
- 17- H. Mokhtari, I.N.K. Abadi, S.H. Zegordi 2011, " production capacity planning and scheduling in a no-wait environment with controllable processing time : An integated modeling approach", *Expert Systems with Applications*, Vol. 38, No. 2, pp.12630-12642
- 18- S.H. zegord and H. Davarzani 2012, " Developing a supply chain disruption analysis model:Application of colored Petri-nets", *Expert Systems with Applications*, Vol. 39, No. 2, pp. 2102-2111

Refereed National Conference Proceedings

- 1- Zegordi, S. H. Gaderi, F. 1997, 'Productivity Measurement for Daru Pakhsh Pharmaceutical Company', First National Conference of Productivity in Ministry of Health Tehran, pp.
- 2- Ahmadi, Ali, Zegordi, S. H. 1998, 'Quality Deployment in Handy Carpet', First International Conference of Quality Management, Tehran, pp.
- 3- Zegordi, S. H. Valadi, M. R. 2001, 'Application of Tabu Search for Solving Location - Allocation Problem', The First National IE Conference. Tehran, pp.

- 4- Zegordi, S.H., Bashiri, M 2001, 'A Model for Customer Satisfaction', First National Conference on Development & Promotion of Standard , Tehran, pp.
- 5- Zegordi, S. H. Khoshalhan, F. 2001, 'A Different Approach to Selection in Genetic Algorithms', The First National IE Conference .Tehran, pp.
- 6- Khoshalhan F. Zegordi S.H. 2004, 'A nonparametric Genetic Algorithm for loop layout Problem', Proceedings of International Industrial Engineering Conference , pp.
- 7- Borazjani S. Zegordi S.H 2004, 'Solving Gate Reassignment Problem (GRP) at Airport Terminals', Proceedings of International Industrial Engineering Conference , pp.
- 8- Imanipour N., S.H. Zegordi 2004, 'Minimizing $\max |L_i|$ for Flexible Job shop Manufacturing problem by Tabu Search Algorithm', Proceedings of International Industrial Engineering Conference , pp.
- 9- Barzinpour F., S.H. Zegordi 2005, ' A Simulated Annealing Scheme for Scheduling in Cellular Manufacturing Systems with Alternative Production Process', 4th International Industrial Engineering Conference, Tehran, Iran, pp.
- 10- Mohammadi M., Zegordi S.H 2005, 'Developing A Framework for Selecting the Most Appropriate Technology Resources', 4th International Industrial Engineering Conference, Tehran, Iran, pp.
- 11- Bakhtyavarian A., Zegordi S.H. 2005, 'An Analytical Approach for Comparison of EFQM and BSC', 4th International Industrial Engineering Conference, Tehran, Iran, pp.
- 12- Heidari J., Chaharsoghi K., Zegordi S.H. 2005, 'Inventory Management for Supply Chain Using Intelligent Agents', 3rd International Management Conference, Tehran, Iran, pp.
- 13- M. Moharrer, S.H. Zegordi, H. Tahayori, H.Perzon 2006, 'Aspects of E-Tourism in the New Global E_market', International Marketing Management Conference, Iran , pp.
- 14- B. Ostadi, S.H. Zegordi, M. Aghdasi 2008, 'Facility Layout Design in Flexible Manufacturing Systems ', 5th International Conference of Industrial Engineering, Iran , pp.
- 15- N.J.Hajagha, S.H. Zegordi 2008, 'Minimizing Makespan in Flexible Job Shop Scheduling Problem', 5th International Conference of Industrial Engineering, Iran , pp.
- 16- S.H. Zegordi H. Davarzani 2008, 'Evaluating Performance Models and Metrics in Supply Chain', 5th International Conference of Industrial Engineering, Iran , pp.
- 17- S.H. Zegordi , M. Omidvarian 2008, 'Identification of Effective Factors of Customer Relationship Management Implementation in Service Industries(Case Studt:Iran Hotel Industry)', National Confrence of Customer Relationship Management, Iran , pp.
- 18- S.H. Zegordi , L. Nosrati 2008, 'The Impact of Website Quality on Customer Satisfaction', 2nd International Marketing Management Conference, Iran , pp.
- 19- S.A. Hasheminejad, S.H. Zegordi, S.A. Torabi 2006, 'The Economic Lot and Ordering, Production and Delivery Scheduling Problem', International Management Conference, Iran , pp.

Refereed International Conference Proceedings

- 1- Mansouri, S.A., Moattar hoseini, S.M. , Zegordi S.H. 2002, 'Multi Criteria Tackling Bottleneck Machines & Ezceptional Parts in Cell Formation Using Genetic Algorithm', Fifth International Conference On adaptive comparting design & manufacturing, England, UK , pp.
- 2- Ahmadi, Ali. Zegordi, S.H., 2002, 'Application of Quality Function deployment To the Design & Production Of Persian Hand-made Carpet ', Symposium on QFD , .Munich, Germany, Germany , pp.
- 3- Zegordi, S.H., Bashiri, M. 2003, 'A Model for Customer Satisfaction Mesurment for Customer Service Improvement', 8th International Conference on Competition & ownership in Land Passenger Transport, Brazil, Brazil , pp.
- 4- Zegordi, S.H., Barzinpour, F. , 2003, 'A Metataheuristic for Scheduling in Cellular Manufacturing Systems with Setup times', Istanbul, Turkey, Fifth Euro/ Informs Joint International Meeting, pp.
- 5- Imanipour N., S.H. Zegordi, Osati M 2005, 'A heuristic approach for Minimizing Maximum Absolute Lateness in Flexibile Job Shop Problem', Proceedings of the 35th International Conference on Computers & Industrial Engineering, Istanbul, Turkey, Turkey , pp.

- 6- Barzinpour F. Zegordi S.H. 2006, ' Hybrid Meta-heuristic Approach to Minimize Makespan for cell Scheduling problem', Proceedings of the 3rd International Conference on Group Technology/Cellular Manufacturing GTCM University of Groningen The Netherlands, Netherlands , pp.
- 7- M. Moharrer, S.H. Zegordi 2006, 'Predictors of E-Satisfaction in Tourism Industry', XXVIII Informs Marketing Science Conference , USA , pp.
- 8- M. Moharrer, S.H. Zegordi, H. Tahayori, H.Perzon, A.Albadvi 2006, 'Satisfaction in E-Tourism A Case of European Online Customers', IADIS International Conference e-Commerce 2006, Spain , pp.
- 9- M. Moharrer, S.H. Zegordi, H. Tahayori 2008, 'Drivers of Customer Satisfaction in Electronic Tourism Industry', 24th EuroCHRIE Congress, Greece , pp.
- 10- Y.Darabi, A.Caruana, S.H. Zegordi 2007, 'The Impact of Market Orientation on Business Performance and Website Adoption: A study Among Iranain SMEs', IADIS International Conference e-Commerce 2007, Portugal , pp.
- 11- A.H.Meimand Kermani, S.H. Zegordi 2006, 'Ant Colony Optimization for Multi Resources Allocation Problem in Project Management', ECCO XIX- CO 2006, Portugal , pp.
- 12- N. Imanipour, S.H. Zegordi, A. Memariani 2006, 'ATaboo Search Based Approach for Multi-Objective IPPS Problem', The 36th CIE Conference on Computers & Industrial Engineering, Taiwan , pp.

Memberships in Societies

- 1- Operations Research Society of Japan, -
- 2- Industrial Engineering Society of Iran, -

Journals Reviewer

- 1- International Journal of Production Research, England
- 2- International Journal of Production Economics , England
- 3- International Journal of Advanced Manufacturing Technology, England
- 4- European Journal of Operanions Research, Netherland

Didactic Terms

- 1- Packaging Engineering, JICA, Japan, 01/09/1987 - 01/12/1987
- 2- ISO 9000 Auditing Course, 01/09/1998 - 16/09/1998

Professional Experiences

- 1- Assistant Professor Tarbiat Modares University, Tehran, Iran, 01/01/1994 - , Since 1994
- 2- Associate Professor Tarbiat Modares University, Tehran, Iran, 01/01/2002 - , Since 2002

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//BEGINOFSCRIPT detailsTable = document.getElementById("tblDetails"); for (var i=0;i1){ aCell = detailsTable.rows[i].cells[1]; if (aCell.className != null && aCell.className == "dataView"){ var temp = aCell.innerHTML; temp = temp.replace("consult_type_0", consultType[0]); temp = temp.replace("consult_type_1", consultType[1]); temp = temp.replace("education_level_0", educationLevel[0]); temp = temp.replace("education_level_1", educationLevel[1]); temp = temp.replace("education_level_2", educationLevel[2]); while (temp.lastIndexOf(" ") == temp.length - 1){ temp = temp.substring(0,temp.length - 1); } temp = temp.replace(", No.
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temp.substring(0,temp.length - 1); } if (temp.lastIndexOf(",") == temp.length - 1){ temp =
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)\s*" + String.fromCharCode(36), "g"); temp = temp.replace(exps11, ","); while
(temp.lastIndexOf(" ") == temp.length - 1){ temp = temp.substring(0,temp.length - 1); } if
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