

## M. B. ARYANEZHAD

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<b>EDUCATION</b>	<b>UCLA, 1980</b> PhD in Operations Research, <i>Dissertation: "Replacement and Correction Models with Imperfect Information"</i>	<b>Los Angeles, USA</b>
	<b>UCLA, 1976</b> Master of Science in Operations Research	<b>Los Angeles, USA</b>
	<b>SHARIF UNIVERSITY OF TECHNOLOGY, 1974</b> Bachelor of Science in Physics Engineering	<b>Tehran, Iran</b>
<b>EXPERIENCE</b>	<b>IRAN UNIVERSITY OF SCIENCE &amp; TECHNOLOGY</b> <b>2006- 2007</b> Scientific Chair of 5 <sup>th</sup> Industrial Engineering International Conference <b>2004-Present</b> Director of IE program, Department of Industrial Eng, IUST. <b>2004-Present</b> Editor-in-Chief, International Journal of Industrial Engineering <b>1990-Present</b> Editorial board, International Journal of Engineering Science <b>1990-Present</b> Editorial board, International Journal of Engineering <b>1992- 1999</b> Dean of Graduate Studies, Department of Industrial Eng, IUST. <b>1990- 1992</b> Dean of Department, Department of Industrial Eng, IUST. <b>1985- 1993</b> Dean of Graduate Studies, Department of Industrial Eng, IUST.	<b>Tehran, Iran</b>

### SELECTED JOURNAL PAPERS

- 1) M. Esmaeili, **Mir-Bahador Aryanezhad** and P. Zeepongsekul, A Game Theory Approach in Seller - Buyer Supply Chain, *European Journal of Operational Research*, In Press.
- 2) Arshia Ahi, **Mir. B. Aryanezhad**, Behzad Ashtiani and Ahmad Makui, A novel approach to determine cell formation, intracellular machine layout & cell layout in the CMS Problem based on TOPSIS method, *Computers & Operations Research*, In Press, Available online 10 March 2008.
- 3) E. Roghanian, **M.B. Aryanezhad** and S.J. Sadjadi, Integrating goal programming, Kuhn–Tucker conditions, and penalty function approaches to solve linear bi-level programming problems, *Applied Mathematics and Computation*, Vol. 195, No. 2, 2008, Pp. 585-590.
- 4) Tavakkoli-Moghaddam, R., **Aryanezhad, M.B.**, Kazemipoor, H. and Salehipour, A., Partitioning machines in tandem AGV systems based on “balanced flow strategy” by simulated annealing, Accepted for publication, *Int. J. of Advanced Manufacturing Technology*, To appear in 2007, DOI: 10.1007/s00170-007-1094-9.
- 5) E. Roghanian, S.J. Sadjadi and **M.B. Aryanezhad**, A probabilistic bi-level linear multi-objective programming problem to supply chain planning, *Applied Mathematics and Computation*, Vol. 188, No. 1, 2007, Pp. 786-800.
- 6) **M.B. Aryanezhad** and Mohammad Hemati, A new genetic algorithm for solving non-convex nonlinear programming problems, *Applied Mathematics and Computation*, In Press, Corrected Proof, Available online 1 October 2007.
- 7) Tavakkoli-Moghaddam, R., **Aryanezhad, M.B.**, Safaei, N., Vasei, M., Azaron, A., A new approach for the cellular manufacturing problem in fuzzy dynamic conditions by a genetic algorithm, *J. of Intelligent & Fuzzy Systems*, Vol. 18, No. 4, 2007, pp. 363-376.
- 8) Kaboli, A., **Aryanezhad, M.B.**, Shahanaghi, K. and Tavakkoli-Moghaddam, R., A holistic approach based on MCDM for solving location problems, *Int. J. of Engineering, Transaction A: Basic*, Vol. 20, No. 3, 2007, pp. 251-262.
- 9) Tavakkoli-Moghaddam, R., **Aryanezhad, M.B.**, Safari, J. and Sassani, F., A genetic algorithm for a redundancy allocation problem with a mix of components and a choice of redundancy strategies, Submitted to *Applied Soft Computing*, 2007.

- 10) Tavakkoli-Moghaddam, R., **Aryanezhad, M.B.**, Safaei, N. and Azaron, A., Solving a dynamic cell formation problem using metaheuristics, *Applied Mathematics and Computation*, Vol. 170, Issue 2, 2005, pp. 761-780.
- 11) **Aryanezhad, M.B.**, Makouie, A. "A New Metho for Measuring The Static Complexity in Manufacturing". *Journal of Operational Research Society*, 2003.
- 12) Esfandiari, , **Aryanezhad, M.B.**, Abrishamifar. "A New Metho for Measuring The Static Complexity in Manufacturing". *Journal of Operational Research Society*, 2003.
- 13) Tavakkoli-Moghaddam, R., **Aryanezhad, M.B.G.** and Latifian, A.H., Solving cellular manufacturing systems by tabu search, *Tarbiat Modares University -Journal of Technology and Engineering*, Vo. 11, 2003, 65-77. (in Farsi)
- 14) Shojaie, Sadjadi, S.j, **Aryanezhad, M.B.** "Uncertainty and Its Relation", *European Journal of Quality Management*, 2005.
- 15) Moghadam,F, Sadjadi, S.j, **Aryanezhad, M.B.**"A Dynamic Programming Approach to Solve Efficient Frontier", *Mathematical Methods of Operations Research*, Vo. 60, No 2, P.p. 203-214.
- 16) Sarfaraz, Sadjadi, S.j, **Aryanezhad, M.B.**"A Fuzzy Approach to Solve A Multi-Objective Linear Fractional Inventory Model, *Journal Of Industrial Engineering International*, 2005.
- 17) Molavi, Shahalizadeh , **Aryanezhad, M.B.**"An Efficiency Measurement Model in Fuzzy Environment Using Data Envelopment Analysis, *Journal Of Industrial Engineering International*, 2005.
- 18) **Aryanezhad, M.B.**, Ghavampour. "Two Stage Multiple Attribute Decision, *IUST International Journal of Engineering*, 2004.
- 19) Sadjadi, S.j, **Aryanezhad, M.B.** Ouroji. "Optimal Production and Marketing Planning, *Computational Optimization and Applications*, Vo. 30, No 2, P.p. 203-214. 2005.
- 20) **Aryanezhad, M.B.**, Komijani. "An Improved Algorithm on Optimization Product Mix Under the Theory of Constraints", *International Journal of Production Research*, Volume 42, Number 20 / October 15, Pp.4221 - 4233, 2004.
- 21) **Aryanezhad, M.B.** "A New Method for Measuring the Static Complexity in Manufacturing", *Journal of Operational Research Society*, (2003) 54, 555–557.
- 22) **Mir-Bahador Q. Aryanezhad**, An algorithm based on a new sufficient condition of optimality in dynamic lot size model, *European Journal of Operational Research*, Vol. 59, No. 3, 1992, Pp. 425-433.

### BOOKS

1. *Aryanezhad, M.B, Modiri, .j.* "Opearions Research". Mir Publication, 2007.
2. *Aryanezhad, M.B.* "Advanced Production Planning". Mir Publication, 2003.
3. *Aryanezhad, M.B, Sadjadi, S.j.* "Linear Programming". IUST Publication, 2000.
4. *Aryanezhad, M.B, Sadjadi, S.j.* "Advanced Opearions Research". Mir Publication, 1999.
5. *Aryanezhad, M.B, Modares Yazdi, M.* "Integrated Production Control Systems". Nashr-e-daneshgahi Publication, 1994. (Translation)

### PRESENTATIONS

More than 100 papers in domestic and international conference around the world.

### ADDITIONAL

- Affiliate Member of Institute of Industrial Engineering (IIE).
- Affiliate Member of Institute of Management Science and Operations Research (INFORMS).
- European Operational Research Society..
- Asian Pacific Operations Research Society..
- Affiliate Member of Iran Institute of Industrial Engineering (IIIE).
- Tehran Academy of Science.
- Member of Iranian Mathematical Society.