



Javad MEHRI-TEKMEH

PERSONAL DATA

PLACE AND DATE OF BIRTH: Isfahan, Iran | 15 Dec. 1973
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POSITION & AFFILIATION

- 2014- | Associate Professor (Mathematics & Computer Science) in the Khazar University, Baku, Azerbaijan
- 2007-2012 | Assistant Professor of Mathematics (Operations research & Computer Science) in the University of Tabriz, Tabriz, Iran

ORGANIZATION

- 2010 | A member of the Organizing Committee of the 10th Iranian Statistical Conference (ISC'10), University of Tabriz, Tabriz, Iran.
- 2012 | A member of the Scientific Committee of the 43rd Annual Iranian Mathematics Conference (AIMC'43), University of Tabriz, Tabriz, Iran.
- 2012 | A member of the Scientific Committee of International Conference of Industrial Engineering and Management (ICIEM 2012), Zhengzhu, China.

WORK EXPERIENCE

- 2008-2010 | General manager of Gohar Andishan Mandegar Azar Co. (GAMA), Tabriz, Iran
- 2011 | Technical advisor of Dehkade Salamat (Health Village) game developing, GAMA Co., Tabriz, Iran

EDUCATION

- JANUARY 2007 | Ph.D. in APPLIED MATHEMATICS, **University of Tabriz**, Tabriz, Iran
Major: Operations research | Supervisor: Prof. Kamal MIRNIA
Thesis: "Some results on domination numbers of complete grid graphs"
- APRIL 1999 | M.Sc. in APPLIED MATHEMATICS, **University of Tabriz**, Tabriz, Iran
Major: Operations research | Advisor: Prof. Kamal MIRNIA
Thesis: "A primal-dual Interior point method whose running time depends only on the constraint matrix"
- FEBRUARY 1995 | Undergraduate Degree in MATHEMATICS APPLIED IN COMPUTER SCIENCE
Yazd University, Yazd, Iran

HONORS & AWARDS

- 2001 | Scholarship of Ministry of Science, Research and Technology of Iran for PhD students

LANGUAGES

- AZERBAIJAN TURKISH: Mothertongue
PERSIAN: Native
ENGLISH: Fair

COMPUTER SKILLS

- Intermediate Knowledge: JAVA, ASSEMBLY, ML, HTML, LINUX
Advanced Knowledge: C++, OpenGL, MatLab, Maple, \LaTeX

INTERESTS AND ACTIVITIES

Programming, Operations Research, Optimization,
Graphics, Network flows, Decision Making
Sport, Travelling

PAPERS

- **Refereed Journal Papers:**
 - MOROWATI SHALILVAND, S., AND MEHRI-TEKMEH, J. An extended origin-based method for solving capacitated traffic assignment problem. *Acta Universitatis Apulensis* 35 (2013), 169–186.
 - REZAEINIYA, N., GHADIKOLAEI, A. S., MEHRI-TEKMEH, J., AND REZAEINIYA, H. Fuzzy anp approach for new application: Greenhouse location selection; a case in iran. *Journal of mathematics and computer Science* 8 (2014), 1–20.
 - BAKHTIARI, A., NAVID, H., MEHRI, J., BERRUTO, R., AND BOCHTIS, D. D. Operations planning for agricultural harvesters using ant colony optimization. *Spanish Journal of Agricultural Research* 11, 3 (2013), 652–660.
 - SAEI BOSTANABAD, M., MEHRI-TEKMEH, J., MIRNIA, M., AND DEHKHARGHANI, A. M. The system optimization perspective for multiproduct supply chain network. *An International Journal of Optimization and Control: Theories & Applications* 3, 2 (2013), 153–159.

- SAAE BOSTANABAD, M., MEHRI-TEKMEH, J., AND DEHKHARGHANI, A. M. Equity in multi-product supply chain network. *An International Journal of Optimization and Control: Theories & Applications* 3, 1 (2013), 65–71.
 - MOROWATI, S., AND MEHRI-TEKMEH, J. Finding most vital links over time in a flow network. *An International Journal of Optimization and Control: Theories & Applications* 2, 2 (2012), 173–186.
 - BAKHTIARI, A. A., NAVID, H., MEHRI-TEKMEH, J., AND BOCHTIS, D. D. Optimal route planning of agricultural field operations using ant colony optimization. *Agricultural Engineering International: CIGR Journal* 13, 4 (2011).
 - MEHRI-TEKMEH, J., MIRNIA, M., AND SHEIKHOLESAMI, S. M. 3-tuple domination number in complete grid graphs. *International Mathematical Forum* 1, 23 (2006), 1099–1112.
 - MEHRI-TEKMEH, J., AND ISAZADEH, A. A graph theoretic semantics for viewcharts. *International Mathematical Forum* 1, 22 (2006), 1077–1098.
 - ISAZADEH, A., TOOMANIAN, M., AND MEHRI-TEKMEH, J. Viewgraph: An extension to graph theory. *International Mathematics Journal* 2, 10 (2002), 957–969.
- **Refereed Conference Papers:**
 - BOSTANABAD, M. S., MEHRI-TEKMEH, J., AND MIRNIA, M. The system optimization perspective for multiproduct supply chain network. In *Proceedings of The 43rd Annual Iranian Mathematics Conference* (Tabriz, Iran, 2012), pp. 1341–1343.
 - BOSTANABAD, M. S., MEHRI-TEKMEH, J., AND DEHKHARGHANI, A. M. Equity in multi-product supply chain network. In *Proceedings of The 43rd Annual Iranian Mathematics Conference* (Tabriz, Iran, 2012), pp. 902–904.
 - ABBASNEZHAD, N., HAJIZADEH, R., AND MEHRI-TEKMEH, J. Robust model for maximum flow problem over time. In *Proceedings of The 43rd Annual Iranian Mathematics Conference* (Tabriz, Iran, 2012), pp. 165–168. (In persian).
 - MEHRI-TEKMEH, J., GHADIKOLAEI, A. S., AND REZAEINIA, N. A fuzzy ahp approach for prioritizing indicators and sub-indicators for greenhouse locating. In *proceedings of the 2011 IEEE international conference on industrial engineering and management* (China, 2011).
 - AGHDAIE, M. H., ZOLFANI, S. H., REZAEINIA, N., AND MEHRI-TEKMEH, J. A hybrid fuzzy mcdm approach for market segments evaluation and selection. In *proceedings of the 2011 IEEE international conference on industrial engineering and management* (China, 2011).
 - MOROWATI, S., AND MEHRI-TEKMEH, J. An extended origin-based method for solving capacitated traffic assignment problem. In *Proceedings of NumAn2010 Conference* (Chania, Crete, Greece, 2010), pp. 177–182.
 - MEHRI-TEKMEH, J., AND MOROWATI, S. A new method for the traffic assignment problem with capacity constraints. In *proceedings of the 2nd international conference of Iranian operations research society* (Babolsar, Iran, 2009), Persian volume, pp. 246–249. (In persian).
 - MOHAMADI, M., AND MEHRI-TEKMEH, J. A new $n \log n$ algorithm for single machine scheduling problem which minimize maximum completion cost. In *proceedings of the 2nd international conference of Iranian operations research society* (Babolsar, Iran, 2009), English volume, pp. 72–75.
 - MOROWATI, S., AND MEHRI-TEKMEH, J. A modified algorithm for traffic equilibrium. In *proceedings of the 40th annual Iranian mathematics conference* (Sharif university of technology, Tehran, Iran, 2009).

- MEHRI-TEKMEH, J., AND LALEH, S. B. Accpm method to compute traffic assignment problems with elastic demands. In *proceedings of the 2nd international conference of Iranian operations research society* (Babolsar, Iran, 2009), Persian volume, pp. 65–68. (In persian).
- MEHRI-TEKMEH, J., AND HAJIZADEH, R. A subgradient optimization model for road network design problem with variable demand. In *proceedings of the 40th annual Iranian mathematics conference* (Sharif university of technology, Tehran, Iran, 2009).
- MEHRI-TEKMEH, J., AND AKRAMI, H. Formulation of optimal routing for wireless mesh networks with dynamic traffic demand. In *proceedings of the 2nd international conference of Iranian operations research society* (Babolsar, Iran, 2009), Persian volume, pp. 175–178. (In persian).
- MEHRI-TEKMEH, J., MIRNIA, M., AND SHEIKHOESLAMI, S. M. On the 2-packing numbers of complete grid graphs. In *book of abstracts of 35th annual Iranian mathematics conference* (Ahvaz, Iran, 2005), p. 56.
- ISAZADEH, A., TOOMANIAN, M., AND MEHRI-TEKMEH, J. Viewgraph: An extension to graph theory. In *proceedings of the 31st Iranian mathematics conference* (University of Tehran, Iran, 2000), pp. 2–10.
- MEHRI-TEKMEH, J., AND ISAZADEH, A. An extension for mealy machine and its application on viewcharts. In *proceeding of the 30th Iranian international conference on mathematics* (Ardebil, Iran, 1998). (In persian).
- MEHRI-TEKMEH, J., AND MIRNIA, M. The primal-dual layered step interior point method for linear programming. In *proceedings of the first optimization conference and its applications* (Ferdowsi university of Mashhad, Iran, 1998), vol. 2, pp. 215–223. (In persian).
- ISAZADEH, A., AND MEHRI-TEKMEH, J. Information and control systems for production lines. In *proceeding of the first annual seminar of automation, robotics & control (ARC)* (Tabriz, Iran, 1998), pp. 129–140. (In persian).
- ISAZADEH, A., MEHRI-TEKMEH, J., AND KORDKANDI, H. A. A graph theoretic foundation for viewcharts. In *proceeding of the third international annual computer society of Iran computer conference* (Iran university of science and technology, Tehran, Iran, 1997), pp. 81–88. (In persian).