

## Fahimeh Tanhaie

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## Education

- Fall 2014-untill now Ph.D:** University of Tehran, Tehran, Iran.  
College of Engineering, Department of Industrial Engineering, GPA: 19.66 /20
- Fall 2009-Fall 2011 M.S.:** University of Tarbiat Modares, Tehran, Iran.  
Faculty of Industrial Engineering, GPA: 17.55 /20
- Fall 2005- Fall 2009 B.S.:** Bahonar University, Kerman, Iran.  
Faculty of Industrial Engineering, GPA: 17.81/ 20
- Fall 2001- Fall 2005:** High School diploma majoring mathematics at “Educational Complex-TEC”, Mashhad, Iran.  
GPA: 19.21/ 20

## Research interests

Production Planning and Control  
Simulation in Manufacturing System  
Industrial Systems Optimization  
Inventory control  
Material Flow Management

## Expertise

### Computer Skills:

#### General soft wares

Windows, Microsoft Office, SPSS, Win QSB

#### Professional soft wares

MATLAB, Arena, Minitab, Gams

### Languages:

**English:** speaking; writing, reading, and listening

## Published journal Papers

**Fahimeh Tanhaie** and Nasim nahavandi, algorithm for solving product mix problem in two constraint resources environment," *International Journal of Advanced Manufacturing Technology*, March 2012.

**Fahimeh Tanhaie** and Masoud Rabbani, "A Markov chain analysis of the effectiveness of Drum-buffer-rope material flow management in job shop environment", " *International Journal of Industrial Engineering Computations*, April 2015.

**Fahimeh Tanhaie** , Fariborz Jolai a, Masoud Rabbani, A Markov Chain Analysis of the Effectiveness of Kanban Card with Dynamic Information," *International Journal of Supply and Operations Management*, August 2017.

**Fahimeh Tanhaie** and Masoud Rabbani, Neda Manavizadeh, Sequencing mixed-model assembly lines with demand management: problem development and efficient multi-objective algorithms, "*Engineering Optimization*, May 2020.

**Fahimeh Tanhaie** ,Masoud Rabbani, Neda Manavizadeh, Simultaneous balancing and worker assignment problem for mixed-model assembly lines in a make-to-order environment considering control points and assignment restrictions," journal of Modelling in Management, 2019.

**Fahimeh Tanhaie**, Masoud Rabbani, Neda Manavizadeh, " Applying available-to-promise (ATP) concept in mixed-model assembly line sequencing problems in a Make-To-Order (MTO) environment: problem extension, model formulation and Lagrangian relaxation algorithm", " *OPSEARCH*, December 2019.

**Fahimeh Tanhaie** Nasim Nahavandi, Sayyid Dawood Ahmadi Motlagh, Improving for Drum\_Buffer\_Rope material flow management with attention to second bottlenecks and free goods in a job shop environment," *Journal of Quality Engineering and ProductionOptimization*, 2017.

**Fahimeh Tanhaie** and Nasim nahavandi "Solving product mix problem in multiple constraints environment using goal programming", *Journal of Industrial Engineering and Management Studies*, 2017.

## Published conference Papers

**Fahimeh Tanhaie**, and Nasim Nahavandi, "considering decision maker ideas in product mix problems by goal programming" submitted to *IEEE/industrial engineering and engineering management, Singapore 2011*.

**Fahimeh Tanhaie**, and Nasim Nahavandi, "Improving for Drum\_Buffer\_Rope material flow management with attention to second bottlenecks and free goods in a job shop environment" *International Industrial engineering Conference, Iran 2015*.

Seyed Hosein Iranmanesh, **Fahimeh Tanhaie**, and Masoud Rabbani, "Improving Artificial Fish Swarm Algorithm by Applying Group Escape Behavior of Fish", *Recent Advances in Soft Computing, Advances in Intelligent Systems and Computing 576, DOI 10.1007/978-3-319-58088-3\_5*.

**Fahimeh Tanhaie**, "Comparison between the performance of pull and push systems using discrete event simulation", *system thinking in practice, 2021*

## References

Prof. Masoud Rabbani, University of Tehran: mrabani@ut.ac.ir

Prof. Jafar Razmi, University of Tehran: jrazmi@ut.ac.ir

Prof. Isa nakhaee Kamal Abadi, Tarbiat Modares University of Tehran: nakhaee@modares.ac.ir

Prof. sayyid Kamal Chaharsooghi, Tarbiat Modares University of Tehran: sk\_chaharsooghi@modares.ac.ir

Prof. Hamid Eskandari, Tarbiat Modares University of Tehran: eskandari@modares.ac.ir

Prof. Hamid Bazargan, Bahonar University of Kerman: bazargan@email.uk.ac.ir