

Donya Rahmani

Assistant Professor
Khajeh Nasir University of Technology (KNTU)

۱. Personal Information

Name:	Donya Rahmani
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Nationality:	Iranian
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۲. Educational Information

Ph.D.: Industrial Engineering Iran University of Science & Technology	Thesis title: "A proactive/reactive approach to perturbation analysis in dynamic and uncertain scheduling problems" Supervisors: Prof. M. Heydari from IUST	۲۰۱۳	GPA: ۱۹,۶۵/۲۰.
M.Sc.: Industrial Engineering Iran University of Science & Technology	Seminar title: "Robust Optimization" Thesis title: " A Robust Aggregate Production Planning in Uncertain Environment " Supervisors: Prof. A. Makui from IUST	۲۰۰۷- ۲۰۰۹	GPA: ۱۸,۵۵/۲۰.
B.Sc.: Buali Sina University (hamedan)	Thesis title: "Design a bulk drug factory as a planning project"	۲۰۰۳- ۲۰۰۷	GPA: ۱۸,۱۴/۲۰.

۳. Research Interests

Scheduling and Sequencing and perturbation analysis in scheduling

Operation Research Applications In Production Planning

Robust Optimization

Deterministic and Stochastic Optimization (linear and nonlinear)

Multiple Criteria Decision Making (MADM and specially MODM)

Computational Intelligence and Meta-Heuristics

ξ. Accepted/Published Papers

journals

R. Ramezani, D. Rahmani, F. Barzinpour, An aggregate production planning model for two phase production systems: solving with genetic algorithm and tabu search, *Expert Systems with Applications*, (۲۰۱۲), ۳۹: ۱۲۵۶-۱۲۶۳.

R. Ramezani, M. Saidi-Mehrabad, D. Rahmani, Flow Shop Scheduling Problem with Missing Operations: Genetic Algorithm and Tabu Search, *International Journal of Applied Operational Research*, (۲۰۱۱), ۱(۲): ۲۱-۳۰.

conferences

D. Rahmani, M. Heydari, A. Agha Bozorgi, Robust model for flow shop scheduling problem under uncertainty, *۷th International Conference of Iranian Operations Research Society*, ۲۰۱۰.

D. Rahmani, M. Heydari, A. Makui, A proactive approach to reduce the effect of stochastic breakdown in two machine flow shop scheduling, *۸th International of Industrial Engineering Conference*, ۲۰۱۲.

R. Ramezani, M. Saidi-Mehrabad, D. Rahmani, Flow Shop Scheduling Problem with Missing Operations: Using Genetic Algorithm and Tabu Search, *۷th International Conference on Computer and Management, China*, ۲۰۱۲.

M. Shariatmadari, D. Rahmani, application of evidential theory in project selection, *۹th International Conference on Project Management, China*, ۲۰۰۹.

R. Ramezani, M. Saidi-Mehrabad, D. Rahmani, A Novel Mathematical Programming Model for a *Posteriori* ELECTRE TRI Method, *۴th International Conference of Iranian Operations Research Society*, ۲۰۱۱.

F. Barzinpour, D. Rahmani, R. Ramezani, A Robust Model for Aggregate Production Planning: Solving with Particle Swarm Optimization, *۷th International Conference of Iranian Operations Research Society*, ۲۰۱۰.

M. Saidi-Mehrabad, R. Ramezani, D. Rahmani, Non-permutation flow shop scheduling problem with uncertain parameters, *۷th International of Industrial Engineering Conference*, ۲۰۱۰.

ο. Awards and Honors

First rank student among the Industrial Engineering Ph.D. graduates of the department (۲۰۱۳)

Second rank student among the Industrial Engineering M.Sc. graduates of the department (۲۰۰۹)

First rank student among the Industrial Engineering B.Sc. graduates of the department (۲۰۰۷)

Academic excellence student among the Industrial Engineering B.Sc. students of the Buali-Sina university (۲۰۰۵)

۶. Work Experiences

Teaching in KNTU, IUST, Azad University.

Involved in Quality control Group in Hobab saz Factory in Qazvin, (۲۰۰۴)

Involved in research Group to simulation of dental clinic in medical college in hamedan, (۲۰۰۹)

D.A.S. Certification: Basics and Internal Auditing of Quality Management System in accordance with ISO ۹۰۰۱:۲۰۰۰ series, July ۲۰۰۶.

V. Courses Taught

- Production Planning
 - Engineering Economy
 - Facility Planning
 - Quality Control
 - Operations Research (I)
 - Queuing theory
 - Operation Management
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Λ. Expertises

- MATLAB
 - LINGO, GAMS
 - MS Project
 - Minitab, MathCAD
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