

AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

Name: Hossein

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Faculty: Engineering

Department: Technical mechanics and graphics



EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES

2009, Graduated as a bachelor of science in manufacturing mechanical engineering from Tabriz Technical institute;

2013, Graduated as a master of science in manufacturing mechanical engineering from Babol University of Technology;

Since 2022, he has been studying at the doctoral level of the Faculty of Engineering of ASAU, specializing in Agro-engineering.

EMPLOYMENT

2010-2015, worked as a mechanical engineer at a private workshop;

2015-2018, worked as a mechanical engineer at Iranian Railways;

2018-2021, junior lecturer at the department of "information technologies", ASAU, he conducted laboratory classes on the subject "Computer Aided Design (Solidworks)" at the Bachelor's level.

2022-ongoing, junior lecturer at the department of "technical mechanics and graphics", ASAU, he conducts laboratory classes on the subject "Computer Aided Design (Solidworks)" at the Bachelor's level.

He is the author of 6 articles and 16 programs.

RESEARCH AREA

Improvement of the technological process of strip sowing of onion seeds with justification of the parameters of the subsurface-spreading coulter.

PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES

SCIENTIFIC WORKS

1. S Yarmohammadi, K Mohammadzadeh, M Farhadi, H Hajimiri, A Modir. "Multi objective optimization of thermal and flow characteristics of R-404A evaporation through corrugated tubes". Journal of EnergyStorage 27, 101137
2. H Hajimiri, MH Siahmargoei, H Ghorbani, M Shakeri. "A simple and robust setup planning scheme for prismatic workpieces". CIRP Journal of Manufacturing Science and Technology 19, 164-175
3. H Hajimiri, V Abedini, M Shakeri, MH Siahmargoei. "Simultaneous fixturing layout and sequence optimization based on genetic algorithm and finite element method". The International Journal of Advanced Manufacturing Technology 97 (9), 3191-3204
4. S Yarmohammadi, M Farhadi, H Hajimiri, MR Salimpour. "Multi objective optimization of R-404A vapor condensation in swirling flow using genetic algorithms". Heat Transfer Engineering 38 (2), 137-148
5. Machine learning-based optimization of geometrical accuracy in wire cut drilling M Ghasempour-Mouziraji, M Hosseinzadeh, H Hajimiri, M Najafizadeh, ... The International Journal of Advanced Manufacturing Technology 123

LANGUAGE SKILLS

Turkish: Intermediate

English: Fluent

Others