

Amir Jaberi

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EDUCATION

Master of Science, Mechanical Engineering
University of Tehran, Tehran, Iran (First ranked University in Iran)
Entrance: 2012,

Bachelor of Science, Mechanical Engineering
K.N. Toosi University of Technology, Tehran, Iran
Date of Graduation: September, 2012

High school, Sanieefar
Khavaran Ave. Tehran, Iran
Date of Graduation: September, 2007

EXPERIENCE

Interval analysis
AVR Micro-controller circuits design and Programming
Conceptual design and dynamic modeling team member in urban bus driving simulator project at K.N Toosi University of Technology

COMPUTER SKILLS

Solid works, Abaqus, ADAMS, (Design and analysis, Robotics)
Maple, MATLAB, (Mathematics)
L^AT_EX, Ipe, (Document development)
C++, (Programming)
Bascom AVR, (Electrical engineering)

PUBLICATIONS

- "Design and Kinematic Analysis of a 4-DOF Serial-Parallel Manipulator for Urban Bus Driving Simulator", ICRoM2013, Sharif University, Tehran, Iran.
- "Conceptual Design and Kinematic Analysis of 4-DOF Serial-Parallel Manipulator for Urban Bus Driving Simulator", B.S. thesis.

RESEARCH INTERESTS

Optimization algorithms
Interval analysis
Geometrical approaches
Screw theory
Design of robotic systems
Kinematics and dynamics of parallel mechanisms
Automation systems
Micro-controllers circuits design and programming
Swarm robotics design and control

LANGUAGES

English, Persian (Mother tongue)

HOBBIES

Sport, Music

REFERENCES Dr. Mehdi Tale Masouleh, Prof. University of Tehran, m.t.masouleh@ut.ac.ir