



Babek Naseri, Ph.D.

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EDUCATION

2014-2021	Gazi University, Mechanical Engineering, Ph.D.
2011-2014	Gazi University, Mechanical Engineering, M.S.
2001-2005	Tabriz Azad University, Mechanical Engineering, B.S.

ACADEMIC POSITIONS

2021 - Present	Asst. Prof., Dept. of Mechatronics Engineering, Atılım University, Turkey
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JOB EXPERIENCE

2019 - 2021	R&D Engineer, INTECRO Robotics, Turkey
2008 - 2011	Mechanical Engineer, Behcut Company, Tabriz - Iran
2007 - 2008	Mechanical engineer, Pistun sazi Tabriz company, Tabriz - Iran

RESEARCH INTERESTS

1	Design Robots and Mechatronics Systems
2	Robotics
3	Kinematics and Dynamics of Robots and Mechatronic Systems
4	System Dynamics
5	Analyzing and Simulation of Systems
6	Human-Robot Interaction
7	Closed-Kinematics and Redundancy
8	Control Design and Optimization, Torque and Force Control

PUBLICATIONS

1	Naseri Soufiani, B., & Adli, M. A. (2021). An expanded impedance control scheme for slosh-free liquid transfer by a dual-arm cooperative robot. <i>Journal of Vibration and Control</i> , 27(23-24), 2793-2806. https://doi.org/10.1177/1077546320966208
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2	Soufiani, B. N., & Adli, M. A. (2020). Pole placement and LQR control of slosh-free liquid transportation with dual-arm cooperative robot. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 35(4), 2255-2267. DOI: 10.17341/gazimmfd.703520
3	Naseri, B., Bol, N., Yilmaz, O., Kara, O. E., & Sen, A. A. (2021). Deposition path planning strategy for geometries with varying cross-sections in wire arc additive manufacturing. <i>Journal of Additive Manufacturing Technologies</i> , 1(3), 585. https://doi.org/10.18416/JAMTECH.2111585

International Conferences

1	Soufiani, B. N., & Salamci, M. U. (2018, June). Effect of delay of immune system response in cancer dynamics: bifurcation and chaos analysis. In <i>2018 26th Mediterranean Conference on Control and Automation (MED)</i> (pp. 765-770). IEEE.
2	Soufiani, B. N., & Salamci, M. U. (2017, October). Chaotic behavior in virotherapy for cancer treatment. In <i>2017 XXVI International Conference on Information, Communication and Automation Technologies (ICAT)</i> (pp. 1-6). IEEE.

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	8
H-index (ISI Web of Science):	2

PROJECTS

1	Developing an industrial robot and controller (TÜBİTAK 1511)
2	Developing robotic cell for PCR test (TÜBİTAK)
3	Development of Robotic Metal Additive Prototype Manufacturing Machine (TÜBİTAK 1507)
4	Determination of optimum amount of drug in cancer treatment with using tumor growth models (TÜBİTAK 1001)

COURSES GIVEN

Department of Mechatronics Engineering, Atilim University	
1	MECE 405 Dynamic Systems and Control II
2	MECE 204 Dynamics
3	MECE 521 Control Engineering I
4	MECE 574 Industrial Automation and Robotics Technology
5	MECE 401 Mechatronics Design
6	MECE 408 Undergraduate Research Projects
7	MECE 531 Advanced Dynamics