

Seyyed Vahid Ghooshkhaane'ie

Date of Birth: 6/13/1987

PhD Candidate

Faculty of Electrical and Robotic Engineering

Shahrood University of Technology

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Education

- PhD: Control Engineering, (2014-present)
Shahrood University of Technology, Shahrood, Iran
Thesis Proposal Title: “Design and Implementation of Predictive Fault Tolerant Control for a Teleoperation System”
- MSc: Control Engineering, (2010-2012)
Shahrood University of Technology, Shahrood, Iran
Thesis Proposal Title: “Model Predictive Control of Teleoperation Systems”
- BSc: Electronics Engineering, (2006-2010)
Khorasan Institute of Higher Education, Mashhad, Iran
Thesis Title: “Intelligent Electronic Wastebasket”

Scientific Societies Membership

- IEEE Student Member (Membership#92518784)
- Member of the Iranian Society of Instrumentation and Control Engineers (ISICE)

Research Interests

- Time Delayed Systems
- Teleoperation
- Model Predictive Control (MPC)
- Fault Tolerant Control (FTC)

Honors and Awards

- Best paper presentation: 2015 2nd International Conference on Electrical and Electronics Engineering (ICEEE), Gazi University, Ankara, Turkey.

Instructed Workshops

- IEEE Shahrood Student Branch
Writing and Publishing Scientific Articles
December 2016
- Language Association of Shahrood University of Technology
Oral Presentation and Preparation of Conference Papers
May 2015

Scientific Papers

Ghoshkhaane'ie, S. V., & Alfi, A. Predictive Control Design for Uncertain Bilateral Teleoperation Systems (In Persian). Tabriz Journal of Electrical Engineering, Accepted October 2, 2016.

Ghoushkhanehee, S. V., Sadrnia, M. A., Karamimollae, A. Optimal Control Design for a Four Gear Automobile: A Hybrid Systems Approach. In 2nd International Conference on Electrical and Electronics Engineering, 2015 (pp. 1-5).

Ghoushkhanehee, S. V., & Alfi, A. (2013, June). Model predictive control of transparent bilateral teleoperation systems under uncertain communication time-delay. In 9th Asian Control Conference (ASCC), 2013 (pp. 1-6). IEEE.

Taught Courses

- Linear Control Systems
- Applied Mathematics
- Technical English
- General English

Language Proficiency

- Teaching the English language for 10 years in Iranian Language Schools.
- TOLIMO (Test of Language by the Iranian Measurement Organization) Certificate
Score: 578/677