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LAB. ICDS (Identification and Control of Dynamic Systems)

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BRIEF CURRICULUM:

Educational:

Ph.D., University of Pavia, Italy School of Electronics, Computer Science and Electrical Engineering, Field of Automatic Control (Supervisor: Prof. Antonella Ferrara Co-supervisor: Dr. Michele Cucuzzella)/2022-2025

M.Sc., University of Islamic Azad University, Iran, Faculty of Electrical, Biomedical, and Mechatronics Engineering, Field of Systems and Control/2014-2018

B.Sc, University of Islamic Azad University, Iran, Faculty of Electrical, Biomedical, and Mechatronics Engineering, Field of Systems and Control/2010-2014

Working Experiences:

- Academic Experiences

Lecturer, Department of Electrical Engineering, Buein Zahra Technical College/2020-2022

- Industrial Experiences

Internship, Industrial Companies o Design Technical Point to Provide I& C Documents, Design Project Procedure and Documentation Producing, Preparing of Documents: Instrument List, I/O List, Datasheets, Instrument Sizing/2020-2022

Research Experiences:

Robust / Optimal / Adaptive Control Systems, Time-Delayed Systems, Application of State-Dependent Formulations, State Dependent Robust Adaptive Control Techniques

PUBBLICATIONS:

Journal Paper

Kamalifar, Aida, M. B. Menhaj, Morteza Nazari Monfared, and Ahmad Fakharian. "Design of Robust Model Reference Adaptive Controller for a Wider Class of Nonlinear Systems." Iranian Journal of Science and Technology, Transactions of Electrical Engineering (2021): 1-13.

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