





Saman Cyrus

CONTACT INFORMATION	4235D-2 Wisconsin Institute for Discovery University of Wisconsin-Madison Madison, Wisconsin USA  https://saman749.github.io/	Email:cyrus2@wisc.edu  (608)772-6458  https://github.com/saman749  www.linkedin.com/in/saman-cyrus
EDUCATION	University of Wisconsin–Madison , Madison, Wisconsin, USA PhD Electrical and Computer Engineering 2016-2020 (Expected) M.Sc. Mechanical Engineering 2018 M.Sc. Computer Sciences 2017 M.Sc. Electrical Engineering 2015 K.N.Toosi University of Technology M.Sc. Electrical Engineering-Controls 2013 Iran University of Science & Technology B.Sc. Electrical Engineering 2009	
RESEARCH INTERESTS	Optimization, Machine Learning, Robust Control, Model Predictive Control	
WORK EXPERIENCE	Johnson Controls International , Graduate research Intern 01/2019-Now UW-Madison , Research and Teaching assistant 09/2013-Now PEOPLE Program , Office lead & Engineering instructor Summer 2015-2016 PSQ Co. , Analytical Instrumentation Engineer, Iran 04/2010- 08/2013	
TEACHING EXPERIENCE	UW–Madison , Physics 109, Circuit I, Electronics circuit II, Linear Programming K.N.Toosi University of Technology , Probability and statistics, Linear control systems, Modern control systems Iran University of Science and Technology , Electricity Physics, Electronics I	
PROFESSIONAL ACTIVITIES	Reviewer , International Journal of Robust and Nonlinear Control, American Control Conference. Professional Activities , Treasurer, Persian Student Society, UW-Madison. Membership , IEEE, SIAM	
RELEVANT SKILLS	Software: C++, Python, Matlab	
PUBLICATIONS	<u>Cyrus, S.</u> , and Lessard L., “Unified Necessary and Sufficient Conditions for the Robust Stability of Interconnected Sector-Bounded Systems.” <i>Submitted to ACC 2019</i> . <u>Cyrus, S.</u> , Hu B., Van Scoy, B., Lessard, L., “A Robust Accelerated Optimization Algorithm for Strongly Convex Functions”, <i>American Control Conference, 2018</i> . <u>Cyrus, S.</u> , Lesieutre B., “Locational Effects of Variability of Injected Power on Total Cost.” <i>Power and Energy Conference at Illinois (PECI), 2015 IEEE</i> .	
REFERENCES	Prof. L. Lessard , Professor ECE Department, University of Wisconsin– Madison laurent.lessard@wisc.edu	Prof. R. Nowak , Professor ECE Department, University of Wisconsin– Madison rdnowak@wisc.edu