

Dr. Rasheed Mazen Abdulkader

Assistant Professor



Personal Data:

Nationality | Saudi
Date of Hire |
Date Rank Obtained | January 2020
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Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Electrical Engineering	Control Systems	U.S.A	University of Arkansas	2019
Masters (M.Sc.)	Electrical & Computer Engineering	-	U.S.A	University of Illinois	2012
Bachelor (B.Sc.)	Electrical Engineering	-	U.S.A	University of St. Thomas	2011

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Fractional Order State Feedback Control for Improved Lateral Stability of Semi-Autonomous Commercial Heavy Vehicle
Master	

Experiences:

Title of Job	Address of Work	Country	Date	
Assistant Professor	King Faisal University	Saudi Arabia	From	2020
			To	Present
Lecturer	King Faisal University	Saudi Arabia	From	2015
			To	2019
Research Assistant	Universit of Illinois	U.S.A	from	2012
			To	2013
Illinois Dept. of Transpiration	Chicago, IL	U.SA	From	2012
			To	2012
Math Tutor	St.Paul, MN	U.S.A	from	2009
			To	2011

Research Interests:

1. Control Systems
2. Fractional Order Control/Modeling
3. Automated Systems
4. Renewable Energy
5. Smart Grid Applications

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	R, Abdulkader and R. McCann	Fractional Order State Feedback Control for Improved Lateral Stability for Tractor-Trailers in Platooning	Int. Journal of Heavy Vehicle Systems, 2020	Click Here
2	R, Abdulkader and R. McCann	Fractional Controller For Improved Lateral Stability Control Using AFS	IEEE ICCAR, 2020	Click Here
3	R. Abdulkader	Fractional Order State Feedback Control for Improved Lateral Stability of Semi-Autonomous Commercial Heavy Vehicles	PHD dissertation, 2019	Click Here
4	R, Abdulkader and R. McCann	Fractional Order PI Control for a Three-Phase Microgrid Application	IEEE Power Systems Conference, 2018	Click Here
5	R, Abdulkader and R. McCann	Fractional Order PID Control For Improved Lateral Position And Yaw Angle Stability For a Vehicle	IATED, 2018	Click Here
6	A. Niragire, R. Abdulkader and R. A. McCann	Linear Quadratic Gaussian Control for Resonance Damping in Microgrids with Cascaded Converters	IEEE PES, 2017	Click Here
7	R. Abdulkader, M. Niragire and R. McCann	Sliding Mode Control for Improved Stability and Disturbance Rejection in Ring Bus Configuration Microgrids	Frontiers of Power, 2016	Click Here

Language Proficiency:

1. Arabic
2. English