

Dr. Naif Daefalla Hilal Alotaibi*Associate Professor, Department of Electrical and Computer Engineering, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Computer Engineering	Queensland University of Tech.	2012
MS	Computer Engineering	Queensland University of Tech.	2007
BS	Computer Engineering	King Abdulaziz University	2000

Academic Experience

<i>From To</i>	<i>Institution</i>	<i>Rank (Title)</i>	<i>Full or Part Time</i>
2003 2004	King Abdulaziz University	Teaching Assistant	Full Time
2013 2019	King Abdulaziz University	Assistant Professor	Full Time
2019 Present	King Abdulaziz University	Associate Professor	Full Time

Non-Academic Experience

- [Engineer IV](#)

Consulting Services Department
 Saudi Aramco
 Dhahran, Saudi Arabia
 2001 – 2003

- [Vice Dean of Research and Consulting Institute for Studies and Research](#)

Research and Consulting Institute (RACI)
 King Abdulaziz University (KAU)
 Jeddah, Saudi Arabia
 2014 – Present

- [General Supervisor of the General Administration of University Resources](#)

King Abdulaziz University (KAU)
 Jeddah, Saudi Arabia
 2019 – Present

Principal Publications/Presentations from the Past Five Years

List of Publications			
#	YEAR	TITLE	JOURNAL
1	JAN 2015	An Investigation of Wavelet Average Framing LPC for Noisy Speaker Identification Environment	MATHEMATICAL PROBLEMS IN ENGINEERING
2	MAY 2015	Adaptive B-spline neural network based nonlinear equalization for high-order QAM systems with nonlinear transmit high power amplifier	DIGITAL SIGNAL PROCESSING
3	JUN 2015	Homogeneous-heterogeneous reaction effects in peristalsis through curved geometry	AIP ADVANCES
4	JUL 2015	On peristaltic motion of pseudoplastic fluid in a curved channel with heat/mass transfer and wall properties	APPLIED MATHEMATICS AND COMPUTATION
5	JUN 2017	Finite-Time Consensus with a Time-Varying Reference State and Switching Topology	COMPLEXITY
6	MAY 2017	Single-Carrier Frequency-Domain Equalization With Hybrid Decision Feedback Equalizer for Hammerstein Channels Containing Nonlinear Transmit Amplifier	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS
7	DEC 2017	A Novel Neural-Network-Based Adaptive Control Scheme for Output-Constrained Stochastic Switched Nonlinear Systems	IEEE Transactions on Systems, Man, and Cybernetics
8	Jan 2018	Fixed-Time Synchronization of a Class of Second-Order Nonlinear Leader-Following Multi-Agent Systems	ASIAN JOURNAL OF CONTROL
9	Jan 2018	Distributed finite-time tracking of second-order multi-agent systems: An edge-based approach	IET CONTROL THEORY AND APPLICATIONS
10	MAR 2019	Routing Protocols Design and Performance Evaluation in Wireless Mesh Networks	International Journal of Technology Diffusion
11	April 2019	Adaptive Neural State-Feedback Tracking Control of Stochastic Nonlinear Switched Systems: An Average Dwell-Time Method	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS

Recent Professional Development Activities (*Workshops, Trainings etc.*)

- *KAU First Conference on Scientific Chairman Chairmanship (April-2019)*
- *Online Exams Workshop-Deanship of Distance Learning (May-2019)*