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Research Name: Omar Waleed Abdulwahhab

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Scientific degree: Assistant professor

Published papers:

* A New Analytic Method to Tune a Fractional Order PID Controller
* A New Analytic Method to Tune a Fractional Order PID Controller
* A new method to tune a fractional-order pid controller for a twin rotor aerodynamic system
* A New Method to Tune a Fractional-Order PID Controller for a Twin Rotor Aerodynamic System
* Adding PC Connectivity to the MTS-88 Microcomputer Teaching System.
* Design and Stability Analysis of a Fractional Order State Feedback Controller for Trajectory Tracking of a Differential Drive Robot
* Design of a Fractional Order Sliding Mode Controller for Twin Rotor Aerodynamic System
* Design of a Variable Gain Nonlinear Fuzzy Controller and Performance Enhancement Due To Gain Variation
* Enhancing the Delta Training Rule for a Single Layer Feedforward Heteroassociative Memory Neural Network
* Fuzzy Controllers for Single Point Controller-1 (SPC-1) Systems
* Mobile Position Estimation based on Three Angles of Arrival using an Interpolative Neural Network
* Mobile Position Estimation using Artificial Neural Network in CDMA Cellular Systems
* Organization of Memory Chips In Memory Systems That Have Word Size Wider Than 8-Bit
* Self-Organizing Fuzzy Controller for A Non-Linear Time Varying System
* Using Fuzzy Logic Controller for a Two- Tank Level Control System

Research trends:

* Control theory
* Control applications
* Soft computing

Published books: -

MSc theses supervised: -

PhD dissertations supervised: -