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Scientific degree: Assistant professor

Published papers:

* A New Hybrid form of Krawtchouk and Tchebichef Polynomials: Design and Application
* Signal compression and enhancement using a new orthogonal-polynomial-based discrete transform
* Methods and Challenges in Shot Boundary Detection: A Review
* Fast Recursive Computation of Krawtchouk Polynomials
* Image edge detection operators based on orthogonal polynomials
* Low-Distortion MMSE Speech Enhancement Estimator Based on Laplacian Prior
* On computational aspects of Tchebichef polynomials for higher polynomial order
* Location Management System based RFID and Google Earth API
* Enhanced Management of Certificate Caching and Revocation Lists in VANET
* Concise Architecture of a Remote Network based Controller
* A Balanced Backoff Algorithm for IEEE802.11 wireless network
* Design and Simulation of a Proposed Location Management Model for Cellular Networks
* Image Based Multi-Length Random Key Generator
* Design and Simulation of RFID Reader Protocol for Vehicle Tracking System for University of Baghdad-Aljaderia Campus

Research trends:

* Control theory
* Control applications
* Soft computing

Published books: -

MSc theses supervised: -

PhD dissertations supervised: -