Name: Basheera Mohammed Ridha Mahmmod

بشيرة محمدرضا محمود

Research Name: Basheera M. Mahmmod

Official email: [basheera.m@uobaghdad.coeng.edu.iq](mailto:basheera.m@uobaghdad.coeng.edu.iq)

Scientific degree: Assistant Lecturer

Published papers:

* Methods and Challenges in Shot Boundary Detection: A Review
* Fast Recursive Computation of Krawtchouk Polynomials
* A New Hybrid form of Krawtchouk and Tchebichef Polynomials: Design and Application
* Signal compression and enhancement using a new orthogonal-polynomial-based discrete transform
* 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
* 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
* Construction of an Infrastructure for RFID System

Research trends:

* Control theory
* Control applications
* Soft computing

Published books: -

MSc theses supervised: -

PhD dissertations supervised: -