

Northern Technical University

Mosul Polytechnic College

Department of Networks and Computer Software Techniques

Researcher	Research Title	Year	Links
Taha Yassin + Shatha A. Moniam	Enhancing Image Recognition with Quaternion Neural Networks: A Novel Approach to Color Layer Integration	2024	Link
Lujain Younis + Rana Sabri	Design an Optimal Controller Using Sand Cat Swarm Optimization and Linear Quadratic for BLDC Motor Regulation	2024	Link
Abdulsattar Mohammed + Shatha A. Moniam	Enhancing Cybersecurity by relying on a Botnet Attack Tracking Model using HARRIS hawks Optimization	2024	Link
Kiffa'a A. Hadi + Shatha A. Moniam + Taha Yassin	An Optimal Cipher Algorithm for Wireless Sensor Networks	2024	Link
Zozan Sa'adallah + Shatha A. Moniam	A Secure and Privacy-Centric Block Chain Platform for Cloud-Based Healthcare Data Management	2024	Link
Shahla Abdulwahab	CAFED-Net: Cross-Adaptive Federated Learning with Dynamic Adversarial Defense for Real-Time privacy-	2025	Link