



Abdullah Ibrahim Abdullah

A Lecturer, Ninevah University, College of Electronics Eng.

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lecturer at Ninevah University, systems and control engineering department. My current research interest includes control, optimization and Adaptive Control.

Careers & Work Experiences

1) Assistant Lecturer ***1995 – 2013***

Military Engineering College , Baghdad, Iraq (2003) , 2008-2013 Ninevah University

- *Lecture planning, preparation and research*
- *Checking and assessing students' work*
- *Supervising students' projects*

2) Lecturer ***Dec. 2013 – Present***

- *Lecture planning for (Digital Control, Classical Control, Advanced Control and Labs for control)*
- *Engineering Analysis and Statists*
- *Checking and assessing students' work*
- *Supervising students' projects*

Education

MSc in Control Engineering

Baghdad University, Baghdad , Iraq

Grade: Distinction, ***Rank:*** 1st out of a cohort of 10 students.

Jan. 1995 – Present

BSc in Electrical and Electronic Engineering

Military Engineering College, Baghdad, Iraq

Grade: Good, ***Rank:*** 1st out of a cohort of 150 students.

Sep. 2014 – Oct. 2015

Publications

Design of a discrete PID controller based on identification data for a Simscape buck boost converter model

Almaged, M., Khather, S.I., Abdulla, A.I.

International Journal of Power Electronics and Drive Systems, 2019, 10(4), pp. 1797–1805

Comparative Study of LQR, LQG and PI Controller Based on Genetic Algorithm Optimization for Buck Converters

Almaged, M., Khather, S.I., Abdulla, A.I., Amjed, M.R.

ELECO 2019 - 11th International Conference on Electrical and Electronics Engineering, 2019, pp. 1012– 1017, 8990572

Fractional order based on genetic algorithm PID controller for controlling the speed of DC motors

Salam Ibrahim Khather, Mohammed Almaged, Abdullah I Abdullah

International Journal of Engineering & Technology, 2018, 7(4), pp. 5386-5392

Position Control Of Robot Arm Using Genetic Algorithm Based PID Controller

MD Youns, SM Attya, AI Abdulla

AL Rafdain Engineering Journal 21 (6), 19-30, 2013

Roll Control System Design Using Auto Tuning LQR Technique

AMJ Abdulla I. Abdulla, Ibrahim K. Mohammed

International Journal of Engineering and Innovative Technology (IJEIT) 7 (1), 2017

Design of optimized linear quadratic regulator for capsule endoscopes based on artificial bee colony tuning algorithm

IK Mohammed, AI Abdulla

International Journal for Engineering Modelling 31 (1-2), 77-98, 2018

Optimization Control of DC Motor with Linear Quadratic Regulator and Genetic Algorithm Approach

SMA Majed D. Youns , Abdulla I. Abdulla

Tikrit Journal of Engineering Sciences 20 (5), (35-42), 2013

Genetic Algorithm (GA) Based Optimal Feedback Control Weighting Matrices Computation-ENG

AI Abdulla, JM Ahmed, SM Attya

AL Rafdain Engineering Journal 21 (5), 25-33, 2013

Elevation ,Pitch,and travel axis stabilization of 3DOF helicopter with hybrid control system by GA-LQR based PID controller

IKMAI Abdulla

International Journal of Electrical and Computer Engineering (IJECE) 10 (2), 2020

SPEED CONTROL OF DC MOTOR USING MRAC AND GENETIC ALGORITHM SPEED PID CONTROLLER

JMA Ibrahim K. Mohammed , Abdulla I. Abdulla

international conference London ,United Kingdom, 2019

PID Controller Design and Simulation for Aircraft Roll Control Based on Evolutionary Technique Using MATLAB

SM Attya, Al Abdulla

International Journal of Engineering and Innovative Technology (IJEIT) 8 (3), 2018

Fractional Order PID Controller Design for Speed Control DC Motor based on Artificial Bee Colony Optimization

AIA Ibrahim K. Mohammed

International Journal of Computer Applications (0975 – 8887) 179 (24), 2018

Stabilize Of Double Inverted Pendulum Using Optimum pole placement Controller Based on ABC Algorithm

SIK Abdulla I. Abdulla

Interciencia Journal 43 (5), 2018

Linear Quadratic Regulator Using Artificial Immunize System

Al Abdulla

AL Rafdain Engineering Journal 20 (3), 80-91, 2012