

Curriculum Vitae

Ekhlas Hameed Karam Al-Noori



Mustansiriyah University - Faculty of Engineering

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PERSONAL SUMMARY:

Name: Ekhlas Hameed Karam Al_Noori
Place of work: Faculty of Engineering/ Mustansiriyah University
Language: Arabic/English
Scientific Title: Dr.Assist. Prof.

EDUCATION:

- B.Sc. computer engineering\1997
- M.Sc. control engineering\ |University of Technology\Control and Systems Engineering Department\2001
- Ph.D. Mechatronics Engineering\University of Technology\Control and Systems Engineering Department\2007

ACADEMIC HONORS AND AWARDS:

I got many thanking and acknowledgment certificates , these issued from many administrative and scientific offices, like the Office of the Minister of Higher Education and Scientific Research, Office of the President of the Mustansiriyah University, and Office of the Dean of the College of Engineering at Mustansiriyah University,

ACADEMIC /TEACHING EXPERIENCE:

- 1- Teaching many subjects like, Control engineering, system programing, mathematic, computer architecture
- 2- Guided the students of undergraduate program for their final year projects over many years
- 3- Supervising of undergraduate students in the following laboratories:-control Lab., system programing Lab., microcomputer Lab., Logic Lab
- 4- Supervise the undergraduate and Postgraduate students.

COURSES TAUGHT:

Undergraduate	Graduate
Mathematic, system programing, control, computer architecture	Advance control, numerical analysis

PUBLICATIONS:

- 1- (modified adaptive kalman filter for tracking maneuvering targets\2002) Title مجلة العراقية
لهندسة الحاسبات والاتصالات والسيطرة والنظم
- 2-Title:(design a real time fast fuzzy filter using single chips FPGA), Al-nahrain university, مجلة
٢٠١٠ كلية الهندسة
- 3-Title:(smith predictor with simple control scheme for higher order systems), مجلة الهندسة
والتكنولوجيا\الجامعة التكنولوجية
- 4-Title:(represent different types of sliding mode controllers by vhd\2009), مجلة الهندسة 2011
والتكنولوجيا\الجامعة التكنولوجية
- 5-Title:(fpga simulation of type-3feistel network of the 128 bits block size improved
blowfish cryptographic encryption)\2010, مجلة الهندسة والتكنولوجيا\الجامعة التكنولوجية
- 6-Title:(mixed noise reduction in gray scale images using hybrid filters scheme)\2011, مجلة
الهندسة والتنمية\الجامعة المستنصرية
- 7- Title:(reduce the effect of disturbance from linear unstable second order systems using
hybrid controller scheme,2012), مجلة الهندسة والتنمية\الجامعة المستنصرية
- 8- Title:(mixed noise reduction by using hybrid(fuzzy&Kalman) for gray and color images),
international journal of scientific & engineering research, Vol.4, issue11, Nov.2013.
- 9- Title:(An Efficient Technique for Information Recovery of Erroneous Medical Image
Blocks Transmitting Over ErrorProne Networks); مجلة الهندسة والتكنولوجيا\الجامعة التكنولوجية 2010.
- 10- Title:(Fingerprint Recognition Using Discrete Wavelet Transform and Neural Network for
Estimation Rotation Region); مجلة الهندسة والتنمية\الجامعة المستنصرية; 2014
- 11- Title:(hybrid connection of PID and fuzzy controller for flexible joint robot with
uncertainties); مجلة الهندسة والتنمية\الجامعة المستنصرية; ٢٠١٣
- 12-Title(design and implementation of fuzzy PID controller for single link flexible joint
robotic system using fpga) , international journal of computer application 2014)
- 13-Title (design and implementation of a mobile target tracking system using fpga) مجلة الهندسة
والتكنولوجيا\الجامعة التكنولوجية 2014.
- 14-Title:(Improve Linear Quadratic Regulator by Particle Swarm Optimization Algorithms
for Two Wheeled Self Balancing Mobile robot), Iraqi Journal for Electrical and Electronic
Engineering (IJEEE), 2017.
- 15- Title: (Design An Optimal pid Controller With Nonlinear Function Using Bacteria
Foraging Optimization For Single Flexible Link Robot Manipulator), Journal of Engineering
and Sustainable Development Vol. 21, No. 04, July 2017

- 16- Title: (Design of Hybrid Neural Fuzzy Controller for Human Robotic Leg System), Al-Khwarizmi Engineering Journal Al-Khwarizmi Engineering Journal, Vol. 14, No. 1, March 2018) P.P. 145- 155
- 17-Title:(Modified Integral Sliding Mode Controller Design based Neural Network and Optimization Algorithms for Two Wheeled Self Balancing Robot), international journal of Modern Education and Computer Science 2018.
- 18- Title:(Adaptive Backstepping SMC with Cuckoo Search Algorithm for Two Wheeled Self Balancing Robot), International Journal of Engineering & Technology (IJET) 2018:-
- 19-title:(Design nonlinear model reference with fuzzy controller for nonlinear SISO second order systems), International Journal of Electrical and Computer Engineering 9(4):2491-2402, August 2019.
- 20- Title:(FPGA Implementation of Single Neuron PID Controller for Depth of Anesthesia Based on PSO), 2018 Third Scientific Conference of Electrical Engineering (SCEE) 2019.
- 21- Title:(Immune PID controller based on differential evolution algorithm for heart rate regulation), International Journal of Advanced Computer Research), 2019.
- 22- Title:(Design of Model Free Sliding Mode Controller based on BBO Algorithm for Heart Rate Pacemaker), international journal of Modern Education and Computer Science, 2019.
- 23- Title:(FPGA IMPLEMENTATION OF SECOND ORDER SLIDING MODE BASED ON ST ALGORITHM FOR TYPE 1 DIABETES), Journal of Engineering and Sustainable Development Vol. xx, No. xx, Month 2xxx ISSN 2520-0917.
- 24- Title:(DESIGN MODIFIED SECOND ORDER SLIDING MODE CONTROLLER BASED ON ST ALGORITHM FOR BLOOD GLUCOSE REGULATION SYSTEMS), Applied Computer Science, vol. 16, no. 2, pp. 18–31 doi:10.23743/acs-2020-10.
- 25- Title:(Design Modified Robust Linear Compensator of Blood Glucose for Type I Diabetes Based on Neural Network and PSO Algorithm), Control Science and Engineering 2019; 3(2): 29-36. <http://www.sciencepublishinggroup.com/j/cse> doi: 10.11648/j.cse.20190302.12.
- 26- Title:(Design Optimal Modified Internal Model Controller of Blood Glucose for Type I Diabetes), International Journal of Open Information Technologies ISSN: 2307-8162 vol. 8, no.6, 2020.

الإستاذ المساعد الدكتور
علي حسين كاظم
القادري التميميد
للشؤون الهندسية والدراسات العليا

2020
[16/03/2020]