FUTURE
UNIVERSITY IN EGYPT
جامعة المستقبل

Basic Information :

Name :	OMAR ELFAROUK MAMDOUH IBRAHIM FOUAD FAHMY
Title :	Associate Professor

Omar El farouk Mamdouh Ibrahim
Born on May 4, 1984
MSc Degree in Digital Communication - December 2008
PhD degree in Communication & Electronics, Assiut University in 2012
BSc in Communication & Electronics, University of Assiut
Graduation grade (Good)

Education :

Certificate	Major	University	Year
PhD	Philosophy in Engineering / Elecctrical	Assiut University - Faculty of Engineering	2012
Masters	Communication Engineering	Assiut University - Faculty of Engineering	2008
Bachelor	Communication & Electronics	Assiut University - Faculty of Engineering	2006

Teaching Experience :

Name Of Organization	Position	From Date	To Date
Future University in Egypt FUE	Lecturer Assistant	01/01/2009	01/01/2012

Research :

Fast Discrete and Complex Wavelets Based Video Magnification Technique
An Efficient Bivariate Image Denoising Technique Using New Orthogonal CWT Filters
A new video magnification technique using complex wavelets with Radon transform application
Micro-movement magnification in video signals using complex wavelet analysis
A New Zernike Moments Based Technique for Camera Identification and Forgery Detection
An Enhanced Denoising Technique Using Dual Tree Complex Wavelet Transform
A New Morphological Based Forgery Detection Scheme
A Natural Preserving Transform Based Forgery Detection Scheme
An Efficient Clustering Technique for Cameras Identification Using Sensor Pattern Noise
Image Enhancement using E-Spline Functions
A New Total Variation Based De-noising Techniques
A Fast Enhanced Iterative Blind Deconvolution Algorithm
A New Fast Iterative Blind Deconvolution Algorithm
An Enhanced Fast Iterative Blind Deconvolution Algorithm for Noiseless And Noisy Images
A Fast Iterative Blind Image Restoration Algorithm
A Fast ICA Based Iterative Blind Deconvolution Algorithm
B-Spline Wavelet Bases & its Application in Signal Deonising

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A Quasi Blind Watermark Extraction of Watermarked Natural Preserve Transform Images
B-Spline Wavelets in Signal De-noising and Image Compression
A Generalized Natural Preserving Transform Watermarking Technique
Watermarking Via B-sspline Expansion & Natural Preserving Transforms
Signal Deonising & Image Compression Using B-Spline Wavelets
A B- Spline-Based Image Compression and Watermarking Techniques

Conference :

An Enhanced Denoising Technique Using Dual Tree Complex Wavelet Transform
A New Morphological Based Forgery Detection Scheme
An Efficient Clustering Technique for Cameras Identification using Sensor Pattern Noise
A Natural Preserving Transform Based Forgery Detection Scheme
E-spline Based Image Interpolators
none

Awards :

Award	Donor	Date
ERASMUS MUNDUS GREEN IT award	University of Vigo, Spain	01/01/2013

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