Basic Information :

Name :	Waleed Eid Abd Elrahman Alhanafy
Title :	Associate Professors

Education:

Certificate	Major	University	Year
PhD	Communications Engineering	University of Strathclyde, UK	2010
Masters	Communications Engineering	Menoufia University - Faculty of Electronic Engineering	2002
Bachelor	Electronics and communications engineering	Menoufia University - Faculty of Electronic Engineering	1996

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Teaching Staff Member	08/09/2016	Current
Menoufia University, Egypt	Assistant Professor	01/01/2016	01/01/2016
Future University in Egypt, FUE	Associate Professor	01/01/2016	01/01/2018
Menoufia University	Associate Professor	01/01/2016	01/01/2016
Albaha University, KSA	Assistant Professor	01/01/2011	01/01/2015

Researches / Publications :

Efficient Image Communication in PAPR Distortion Cases

Adaptive Per-spatial Stream Power Allocation Algorithms for Single-User MIMO-OFDM Systems

Efficient Enhancement of Image Interpolation as an Inverse Problem on Corneal Image

Suboptimal Greedy Power Allocation Schemes for Discrete Bit Loading

Discrete Rate Maximisation Power Allocation with Enhanced BER

Greedy Power Allocation Algorithm for Proportional Resource Allocation in Multi-User OFDM Systems

Joint Low-Complexity Equalization and Carrier Frequency Offsets Compensation Scheme for MIMO SC-FDMA Systems

An Adaptive Modulation Precoding Scheme for Mean BER Minimisation of ISI MIMO Channels

An Improved Adaptive Transmission Technique for High Speed Communication Systems

Incremental Rate Maximisation Power Loading with BER Improvements

Reduced Complexity Schemes to Greedy Power Allocation for Multicarrier Systems

Greedy Power Allocation for Multicarrier Systems with Reduced Complexity

Trade-Off Between Complexity and BER Performance of a Polynomial SVD-Based Broadband MIMO Transceiver

Comparison of Precoding Methods for Broadband MIMO Systems