

Contact Info:

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Biographical sketch:

(Academic Degrees- Fellowships and Associations)

B.Sc. M.Sc. Ph.D. Electrical Engineering Department. Alexandria University. 1985 - June 1990

Publications:

- Removal of High Density Impulsive Noise in Image Using Non Linear Filters
- Monitoring and Analysis for on/off Faults in Microstrip Rectangular Patch Array Antenna by Means of Characteristics Parameters
- Directivity and gain improvement for microstrip antenna array with directors
- Monitoring and analysis for faulty microstrip antenna with directors related to antenna without director based on specific parameters

	-Directivity and gain improvement for microstrip antenna array with directors
Academic Research Interests:	1- Antennas

Teaching Courses :

- 1- Electrical Circuits Fundamentals (Mechanical and Petro. Departments).
- 2- Introduction of Illumination and Wiring Installations in Residential and Industrial Buildings (Civil and Arch. Departments).
- 3- Fundamentals of Logic Design, (Communications, Computer Science and Mechatronics Departments).
- 4- Electromagnetics (Electrical Department).
- 5- Electromagnetic Waves and Transmission Media (Electrical, and Mechatronics Departments).
- 6- Power System Protection (Electrical Power Department).
- 7- Transmission and Distribution (Electrical Power Department).
- 8- High Voltage Lab.
- 9- Communication Lab.

Graduation Projects:

- 1- Electrical Design Works for Industrial Plant.
- 2- Designing energy management scheme with PV solar tracker

- 3- Complete Electrical Power and Control Design of High Rise Building.
- 4- Moving 23mm Canon in Azimuth and Elevation using SCADA System.
- 5- SCADA Systems And Communications.

Training Courses :

- 1- Medium and Low Voltage SwitchGear.
- 2- Small Electrical Machines.

AC Speed Drive Control