

Islam Emad Dessouky Kotb
3 Hassan Abd El Aziz, 2nd floor, Apt. 6
10th Zone, Nasr City. Cairo, Egypt
Email: islam.kotb@aast.edu, islamekotb@gmail.com
+20100-165-4113

OBJECTIVE

Seeking a competing innovative research through a Ph.D. program in Engineering Physics to utilize and develop my research expertise in the field optics and lasers.

PERSONAL DATA

Date of Birth: 13/10/1986

Nationality: Egyptian

EDUCATION

M.Sc. Electronics and Communications, Arab Academy for Science & Technology & Maritime Transport, July 2013.

Thesis: My masters studies was on MIMO systems. My Thesis focused on the design of a MIMO antenna system for todays wireless communication systems, such as 4G mobile systems. MIMO antenna systems along with various algorithms are used successfully as part of the effort of increasing the overall data throughput and improving link reliability. In my work, I designed a planar multiport MIMO antenna, employing a decoupling network to reduce the mutual coupling between the antenna ports.

Publication: “Compact MIMO Antenna for 4G Transceiver Application”, Journal of Applied Sciences Research, (2012).

GPA: 3.2

B.Sc. Electronics and Communications, Arab Academy for Science & Technology & Maritime Transport, September 2009.

Graduation Project: Designing a planar antenna for wireless communication.

GPA: 3.63

Secondary School: St. Austin’s Academy. Nairobi, Kenya.

International General Certificate of Secondary Education (IGCSE)

LANGUAGES

- Arabic (Native)
- English (Fluent both spoken and written)

WORK EXPERIENCE

Teaching Assistant, Arab Academy for Science and Technology and Maritime Transport, 2009-Present.

- Teach engineering physics
- Prepare quizzes, revision sheets, worksheets, assign homework and assess students
- Lab instructor for engineering physics course
- Member of examination committee: prepare schedules for final exams and monitor circulation of exam documentation
- Member of scheduling committee: prepare schedule of classes for the Basic and Applied Sciences Department
- Certificate of outstanding performance as a Teaching Assistant (May, 2012)

SKILLS

- Proficient in Microsoft Office Suite: Word, PowerPoint, and Excel
- ICDL Certified
- Excellent communication skills

SCIENTIFIC AND PROFESSIONAL

- Member of IEEE
- Member of Egyptian Engineers Syndicate