

CURRICULUM VITAE

ASMAA M. M. ATALAA

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PERSONAL

Date of Birth : June 20, 1989

Place of Birth :Zagazig, Egypt

State : married

EDUCATION

M.Sc., Communications and Electronics Engineering, Zagazig University, Zagazig, Egypt.

Titled: Underwater Wireless Communications Improvement.

B.Sc., Communications and Electronics Engineering, Zagazig University, Zagazig, Egypt, 2011, with grade very good with honours.

COMPUTER SKILLS

Operating Systems: good user for Windows and Microsoft office.

Programming Languages: MATLAB, C, C+, Micro C, Java.

COURSES

Mobile package (GSM&GPRS, CDMA&UMTS), microcontroller advanced course, JAVA language basics, workshop on Siemens PLC, roles of conversation course, TOEFEL course, ICDL, SPSSwin.

TECHNICAL AREAS OF INTEREST

Underwater Communications, Image Processing, OFDM wireless communication systems, Image compression, Channel coding, Image smoothing, Solar Energy.

PROFESSIONAL EXPERIENCE

Current: a demonstrator in Electronics and Communication department, Zagazig higher institute for engineering and technology, Egypt, from 2012 till now.

TEACHING AND TRAINING EXPERIENCE

Academic Courses Taught:

Analog and digital communications Systems, Mobile communications, Digital Electronics, Electronic Testing, Logic Circuits, Computer and Programming, Electric Measurements, Electromagnetic Fields, Physics, Mathematics.

CONFERENCES ATTENDED

ICM 2016 - 28th International conference on Microelectronics (ICM 2016)

The 2015 32nd National Radio Science Conference (NRSC), March 2015.

PUBLICATIONS

- [1]. Hanaa S. Ali , Asmaa M. Atallah, M. I. Abdallah, An Efficient Source Channel Coding for Wireless Image Transmission Over Underwater Acoustic Channel, Wireless Personal Communications, pp 1 - 12, Springer, May 2017.
- [2]. Asmaa M. Atallah, Hanaa S. Ali , M. I. Abdallah, An Integrated System for Underwater Wireless Image Transmission, 2016 28th International Conference on Microelectronics, Dec. 2016 .