

CURRICULUM VITAE

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Biographical Data

Place of Birth	Qena
Date of Birth	January 14 th 1976
Nationality	Egypt
Sex	Male
Marital Status	Married
Mother Language	Arabic
Other Languages	English

Education

July 2004	M. Sc., Electrical Engineering Department, Assiut University, Egypt.
May 1999	B. Sc. with accumulative average grade: very good with honor's degree (81.11%), Electrical Engineering Department, Assiut University, Egypt.
M. Sc. Thesis entitle	Electric Stress Distribution Along Winding Overhang of Electric Machines
B. Sc. Project entitle	Soft Start and Soft Stop of A three-Phase Squirrel-Cage Induction Motor

Professional Experience

July 2004– till now

Assistant lecturer, Electrical Engineering Department, Faculty of Engineering, Assiut University, Egypt

December 2000 - July 2004

Demonstrator, Electrical Engineering Department, Faculty of Engineering, Assiut University, Egypt

Teaching experience

Assisted in teaching the following undergraduate courses at Assiut University, Egypt:

- Introduction to computer for prep. Year.
- Electric field for 1st year, Electrical Dep.
- Electrical engineering materials for 1st year, Electrical Dep.
- Electrical power for 3rd year, Power and machines section, Electrical Dep.
- High voltage engineering for 3rd year, Power and machines section, Electrical Dep.
- Special machines for 4th year, Power and machines section, Electrical Dep.
- Power system analysis for 4th year, Power and machines section, Electrical Dep.

Assisted in teaching the following undergraduate labs at Assiut University, Egypt:

- Machines Lab for 2nd year, Electrical Dep.
- Power Lab for 3rd year, Power and machines section, Electrical Dep.
- High voltage Lab for 3rd year, Power and machines section, Electrical Dep.

Assisted in supervising the following undergraduate B. Sc. projects at Assiut University, Egypt.

- Detection and Discrimination of Weak Points in Power Systems Using Ultraprobe 2000.(2001)
- Design and Implementation of A field Meter. (2002)
- Electrification of Assiut University Hospitals.(2003)
- Magnetic Field Underneath Three-Phase Transmission Lines.(2004)
- Study of Assiut Western Distribution Network.(2005)

Research interests

Partial discharge analysis and assessment in electric power equipments, Simulation and modeling of the high voltage phenomena, Electromagnetic simulation and modeling and numerical field computation.

Computer Skills

- Microsoft Windows and Office.
- Matlab and Fortran.

Language Skills

International TOEFL Score : 560

Awards

- Engineering Union award.
- 6th October University honoring.

Publications

[1] H. El-Kishky, M. Abdel-Salam, **H. Wedaa** and Y. Sayed, "Design of Stress-Grading Systems Based On Power Loss Minimization", Electrical Insulation and Dielectric Phenomena, 2002 Annual Report Conference on, pp. 138- 141, 2002.

[2] H. El-Kishky, M. Abdel-Salam, **H. Wedaa** and Y. Sayed, "Novel Techniques for Optimal Design and Analysis of Corona-Suppression Systems", Transmission and Distribution Conference and Exposition, 2003 IEEE PES, Vol. 2, pp. 841- 846, 7-12 Sept. 2003.

[3] H. El-Kishky, M. Abdel-Salam, **H. Wedaa** and Y. Sayed, "Time-Domain Analysis Of Nonlinear Stress-Grading Systems For High Voltage Rotating Machines", Electrical Insulation and Dielectric Phenomena, 2003 Annual Report Conference on, pp. 482- 485, 19-22 Oct. 2003.

[4] H. El-Kishky, M. Abdel-Salam, C. Frick, **H. Wedaa** and Y. Sayed, "A GUI Module for the Design and Analysis of Stress-Grading Systems of High Voltage Rotating Machines", Electrical Insulation and Dielectric Phenomena, 2003 Annual Report Conference on, pp. 490- 493, 19-22 Oct. 2003.

Referees

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