

Prof. Hassan Ibrahim Hassan Abou-Faddan

CONTACT INFORMATION

Prof. Hassan Ibrahim Hassan Abou-Faddan

Nationality: Egyptian

Contact Address: Assiut University, Faculty of Engineering
Electrical Engineering Department,
Assiut A.R.E., 71515

Tel (home): +20-882 331828

Tel (work): +20-882 080688

Fax : +20-882 080553

Email: hassan.aboufaddan@aun.edu.eg

Homepage: http://www.aun.edu.eg/membercv.php?M_ID=571

RESEARCH INTERESTS

Electrical Engineering.

EDUCATION

- Ph. D. In electrical engineering, faculty of engineering, Germany, 1974
- M. Sc. In electrical engineering, faculty of engineering, Assiut university, 1967
- B. Sc. In electrical engineering, faculty of engineering, Cairo university, 1964

ACADEMIC EXPERIENCE

- Emeritus Professor, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 2004
- Professor, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 1986
- Associate Professor, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 1979
- Lecturer, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 1974
- Assistant Lecturer, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 1972
- Demonstrator, Department of Electrical Engineering , Faculty of Engineering, Assiut University, 1964

LIST of PUBLICATIONS

- 1 - H.I. Abou-Faddan and N.H. Fetih, A generalized Model of a triac-controlled symmetrical or asymmetrical squirrel-cage induction motor, Part I: Theoretical investigation, Bulletin of the Faculty of Eng., Assiut University, Vol. 14, Pt.1, PP. 217-234., January, 1986
- 2 - H.I. Abou-Faddan and N.H. Fetih, A generalized Model of a triac-controlled symmetrical or asymmetrical squirrel-cage induction motor", Part II: Application and results, Bulletin of the Faculty of Eng., Assiut University, Vol. 14, Pt.2., PP. 125-140, July, 1986
- 3 - H.I. Abou-Faddan, Analysis of SCR controlled slip-ring induction motor under unbalanced stator conditions, Bulletin of the Faculty of Eng., Assiut University, Vol. 14, Pt. 2, PP. 141-158, 1986
- 4 - H.I. Abou-Faddan, Three-phase induction motor performance with a triac in one input line, Bulletin of the Faculty of Eng., Assiut University, Vol. 14, Pt. 2, PP. 129-176, July, 1986
- 5 - H.I. Abou-Faddan, Characteristics of three-phase induction motors under unbalanced rotor impedances, Thirteenth IASTED, International conference Modelling and Simulation, Lugano, Switzerland, PP. 192-195, June, 1985
- 6 - H.I. Abou-Faddan, Modeling and simulation of three-phase induction motors

- under asymmetrical operating conditions, Bulletin of the Faculty of Eng., Assiut University, Vol. 13, Pt. 2, PP. 173-192, July, 1985
- 7 - H.I. Abou-Faddan, Analysis of three-phase wound motors under unbalanced conditions, Bulletin of the faculty of Eng., Assiut University, Vol. 12, Pt. 4, PP. 13-22, October, 1984
- 8 - H.M. El-Shewy, A.M. Makky, H.I. Abou-Faddan and D.H. Shamloul, , "Performance calculation of saturated shaded-pole motor", Bulletin of the Faculty of Eng., Assiut University, Vol. 11, Pt. 1, PP. 115-125, January, 1983
- 9 - M.A. Saleh, H.I. Abou-Faddan, A.M. Makky and M.S. El-Gendi, The combined effect of time harmonics and winding discreteness on the thrust of a linear induction motor, Electric Machines and Electro-mechanics, Vol. 5, Pt. 2, PP. 125-134, 1980
- 10 - H.I. Abou-Faddan, H.M. El Shewy, M.M. Saied and M. K. El-Sherbiny, Optimal Design of minimum-cost power transformers, Bulletin of the Faculty of Eng., Assiut University, Vol.7, Pt. 2, PP. 73-84, July, 1979
- 11 - M.K. El-Sherbiny, H.I. Abou-Faddan, H.M. El-Shewy and M.M. Saied, Improved synchronous machines block diagram to include saturation and study of its effect, Bulletin of the Faculty of Eng., Assiut University, Vol. 7, Pt. 2, PP. 85-108, July, 1979
- 12 - H.I. Abou-Faddan, M.K. El-Sherbiny, H.M. El-Shewy and M.M. Saied, Calculation of closed-slot constant, Bulletin of the Faculty of Eng., Assiut University, Vol. 7, Pt. 2, PP. 109-124, July, 1979
- 13 - H.I. Abou-Faddan,, Permeance harmonic analysis of a shaded-pole motor, Bulletin of the Faculty of Eng., Assiut University, Vol.6, Pt.1, PP. 19-40, January, 1978
- 14 - H.I. Abou-Faddan, , Effect of the scattering magnetic pathes on the flux distribution of a shaded-pole mator, Bulletin of the Faculty of Eng., Assiut University, Vol.6, Pt. 1, PP. 41-56, January, 1978
- 15 - H.I. Abou-Faddan, Approach to a general theory of asymmetrical two-phase squirrel-cage induction motor, Bulletin of the Faculty of Eng., Assiut University, Vol. 5, Pt. 1, PP. 203-216., January, 1977
- 16 - H.I. Abou-Faddan, Parasitic torques and radial forces in distributed two-phase squirrel-age induction motors, Bulletin of the Faculty of Eng., Assiut University, Vol.5, Pt. 2, PP. 101-120, July, 1977