



CURRICULUM VITAE

Assoc. Prof. Safaa Abdel Fattah Ibrahim Kalilah

**Electrical Engineering Dept., Faculty of Engineering,
Minoufiya University, Shebin El-Kom, Minoufiya, Egypt**



• **Personal Information**

- Date of Birth: 27/10/1955
- Nationality: Egyptian
- Marital Status: Married, (2 children)
- Religion: Muslim
- Tel.: +2 048 2222074 Fax: +2 048 2234222
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• **Current Occupation**

- Associate Prof. in Electrical Engineering Dept., Faculty of Eng., Minoufiya University

• **Education and Academic Degrees**

- Degree: Associate Professor in Electrical Engineering
- Year: March 1999
- Faculty: Faculty of Engineering, Shebin El-Kom
- University: Minoufiya University

- Degree: Ph.D. in Electrical Engineering
- Year: July 1992
- Faculty: Faculty of Engineering, Shebin El-Kom
- University: Minoufiya University
- Thesis Title: "Operation of the Three-Phase Induction Motor as A Single-Phase Motor".

- Degree: M.Sc. in Electrical Engineering
- Year: Nov. 1983
- Faculty: Faculty of Engineering
- University: Minoufiya University
- Thesis Title: "The Parametric Transformer ".

- Degree: B.Sc. in Electrical Engineering
- Year: May 1978 (Very Good)
- Faculty: Faculty of Engineering
- University: Minoufiya University

• **Language**

- Arabic: Reading/writing/speaking.
- English: Reading/writing/speaking.

Teaching and Research Topics

- Electrical engineering
- Electrical circuit theory
- Theory and performance of electrical machines
- Design of electrical machines
- Special electrical machines
- Electrical engineering laboratory
- Electrical machines laboratory
- B.Sc. project

Recent Publications

1. S.A.Kalilah, "Capacitor Series-Excitation for Improved Performance of Three-Phase Synchronous Generator", ICEM 2000, 28-29 August 2000, Espoo, Finland, pp. 1890-1894.
2. S.A.Kalilah, "Improved Performance of A Synchronous Motor Drive by Doubly-Fed Stator Windings", UPEC 2001, 12-14 Sept. 2001, Swansea, UK
3. S.A.Kalilah, "Improved Torque and Speed Estimation in Sensorless Induction Motor Drive", UPEC 2004, 6-8 Sept. 2004, Bristol, UK, pp.538-543.
4. Z.M.Salem, M.M.Khater, S.A.Kalilah and S.A.Mahmoud, "Four-Quadrant Speed Estimation Based on Model Reference Adaptive System", ERJ, Faculty of Engineering, Minoufiya University, Egypt, Vol.28, No.2, April 2005, pp.169-177.
5. Z.M.Salem, M.M.Khater, S.A.Kalilah and S.A.Mahmoud, " Fuzzy Logic Based MRAS For Sensorless Induction Motor Drive", MEPCON'2006, 19-21 December 2006, Vol.2, El-minia, Egypt.