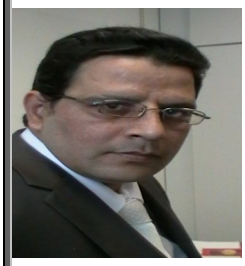

CURRICULUM VITAE

Ass. Prof. **Mohamed Kamel Abd El-Magid Mahmoud Metwally**

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

• *Personal Information*

- Nationality: Egyptian
- Marital Status: Married, (3 children)
- Religion: Muslim
- **Tel.:** +2 048 2912727 **Mob:** +2 01221454942 **Fax:** +2 048 2235695
- **Email:** mohkamel2007@yahoo.com

• *Current Occupation*

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

• *Education and Academic Degrees*

- Degree: Ass Professor in Electrical Engineering
- Year: January 2010
- Faculty: Faculty of Engineering, Shebin El-Kom
- University: Minoufiya University

- Degree: Ph.D. in Electrical Engineering
- Year: March. 2009 (Excellent)
- Faculty: Faculty of Engineering and Information Technology, Institute of Electrical Drives and Machines
- University: Technical University, Vienna, Austria.
- Thesis Title: "Sensorless Control of AC Machines using Transient Excitation and Exploiting Multiple Saliencies".

- Degree: M.Sc. in Electrical Engineering
- Year: August 2003
- Faculty: Faculty of Engineering
- University: Minoufiya University
- Thesis Title: "DSP Based Vector Control of Synchronous Reluctance Motor".

- Degree: B.Sc. in Electrical Engineering
- Year: May 1999 (Very Good with Honours Degree 81.11%)
- Faculty: Faculty of Engineering
- University: Minoufiya University

• *Language & Computer Skills*

- English: excellent (Reading/writing/speaking).
- German: very good (Reading/writing/speaking).
- ICDL Certificate.

- ***Teaching and Research Topics***

  - Power Electronics
  - Theory of Electrical Circuit
  - Electrical Drive
  - Electrical Machines
  - Digital Electronics.
  - Electrical Engineering.
  - Control of Electrical Machines
  - Electronics

- ***Recent Publications***

1. T.M. Wolbank, and, ***M.K. Metwally***, "Sensorless Position and Torque Control of Induction Motors Based on Signal Injection and Advanced Signal Processing" in Proceeding. IEEE APEC (2009).
2. T.M. Wolbank, and, ***M.K. Metwally***, "Sensorless Control of Induction Machines with different Designs- Impact on Signal Processing" Proceedings EPE conference (2009).
3. T.M. Wolbank, and, ***M.K. Metwally***, "Sensorless Position Control of Skewed Rotor Induction Machines Based on Multiple Saliency Extraction" in Proceeding. IEEE APEC (2010).
4. T.M. Wolbank, and, ***M.K. Metwally***, "Spectral Ovelap of Saliency Signal Components in Injection Based Sensorless Controlled Induction Machines" in Proceeding. IEEE ECCE Conference (2010).
5. ***M.K. Metwally***, and T.M. Wolbank, "Saliency Based Sensorless Control of Induction Machines at Frequency Overlap of Signal Components" in Proceeding. IEEE ECCE Conference (2011).

- ***Additional Data***

Project-(1) "Self Tuning Speed Sensorless Torque and Position Control of Induction Machines Based on Voltage Pulse Excitation" Funded from Vienna University of Technology, Austria (period from 09-2007 till 12-2009)

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