

## CURRICULUM VITAE

### *Including*

### **LIST OF PUBLICATIONS AND RESEACH ACTIVITIES**

**Prof. Dr. Eng. Awad Elsayed Awad Elsabbe**

*Professor*

*Engineering Dept. Electrical*

*Faculty of Engineering*

*Menoufiya University- Shebin El-kom, Egypt*



### **PERSONAL DATA**

Name : Awad Elsayed Awad Elsabbe

Mailing address : Electrical Engineering Dept, Faculty of Engineering, Menoufiya  
University Shebin Elkom, Egypt

Date of birth : Jan., 3, 195

Place of Birth : Dakahlia, **Egypt**

Sex : Male

Marital status : Married

E-mail address : [awad\\_elsabbe@yahoo.com](mailto:awad_elsabbe@yahoo.com)

Title : professor

Tel. # : (048) 223353 **mob : 10 60 31 60 91**

Employer : **Faculty of Engineering, Menoufiya University, Egypt**

Fax # : (048)2235695

Nationality :Egyption

Home address :Shebin Elkom.

Languages : Arabic – English - Russian

### **EXPERIENCES:**

**March, 2005-Up to now : Professor** , Department of Electrical Engineering, Faculty of Engineering, Menoufiya University, Shebin El-kom, **Egypt.**

**Jan., 2000 to March 2005: Ass. Professor.** Department of Electrical Engineering, Faculty of Engineering, Menoufiya University, Shebin El-kom, **Egypt.**

**Sept., 1994-Jan., 2000: Lecturer.** Department of Electrical Engineering, Faculty of Engineering, Menoufia University, Shebin El-kom, **Egypt.**

**Dec., 1985-Sept., 1994: Ass. Lecturer** with the Department of Electrical Engineering, Faculty of Engineering, Menoufia University, Shebin Elkom, **Egypt.**

**October, 1981- Dec., 1985: Instructor** with the same above department.

**October, 1981 - April 1983:** National service in the Egyptian Army.

### **UNIVERSITY EDUCATION**

**May 2005 professor. In Electric Power & machine Engineering Faculty of Engineering, Menoufia University, Shebin El-kom, Egypt**

**Oct., 1990-,1994: Ph.D.** In Electrical Engineering, Linengrad Poly-technique Institute(Awarded 1994).

**Oct., 1981-March, 1986: M.Sc.** In Electric Power & Machine Engineering, Faculty of Engineering, Menoufiya University, Shebin El-kom, **Egypt.** (Awarded Dec. 1986).

**Oct. 1976-May 1981: B.Sc.** In Electric Power & machine Engineering Faculty of Engineering, MenoufiyaUniversity, Shebin El-kom, **Egypt.** (Awarded May 1981. Excellent grade)

**AREAS OF SPECIFICATION:**

- |   |                                 |
|---|---------------------------------|
| 1- Power electronics devices              | 3- Control of electric machines |
| 2- Power electronics and its applications | 4- Micro electronics            |

**RESEARCH AREAS:**

- |   |                              |
|---|------------------------------|
| 1- Power electronics and its applications | 3- Modern control techniques |
| 2- Control of electrical drives.          | 4- electric drives control   |

**Occupied positions**

1. Head of students housing of faculty of engineering, menoufia university( 2000-2005)
2. Member of working faculty Leader& Developers ( higher teaching council) FLDP( 2003-2005)
3. Director of faculty Leader& Developers ( higher teaching council) FLDP ( May 2005- Sept. 2007)
4. Head of planning and quality assurance unit in jubail Technical Institute , kingdom of Saudi Arabia (2007-2009)
5. Head of planning and Development Department – Yanbu Industrial College – KSA ( from 2009- 2013 )
6. Quality tem member Electric Power & Machine Engineering, Faculty of Engineering, Menoufiya University, Shebin El-kom (2013 up to now)
7. Vice Dean for student affair, faculty of Eng. Shebin AL-Kom, Menoufia university 2014 up to now

**Publications and researcher activities:**

1. Supervisor on number of post graduates students ( 8 Master + 4 PHD)
2. Published more than 40 scientific articles in international and national journals and conferences.
3. Designer of Traffic station in menoufia Traffic section .
4. Attended 15 more than international and national conferences
5. Member of organization committees more than 5 conferences
6. Member of Egyptian Electrical Engineering society
7. Consultant for irrigation ministry general museum in Asswan ( electrical part)
8. Consultant and electric system designer for many projects in monufia university consultancy engineering center

**Published papers**

- 1- A.S Abdel karim, Sa Mahmoud and A.El-sabbe, ‘A new approach to capacitor compensation of thyristor voltage controillers”, UPC 1985, PP132-136
- 2- A.S. Abdel-Karim, S.A.Mahmoud and A.El-Sabbe, “Improvement of line condition for thyristor controlled inductive loads,” INTRONIC,3-4 December, NewDehli India,1985,PP. II 1-6.
- 3- A.El-Sayed Awad, S.V.Smolovik,” Study the effect of different models AVR. With fast respond in power system stability”, Improvement the electrical power system problems, Journal, Russia 1992, PP. 23-28.
- 4- A.El-Sayed Awad, G.A Pershinkov, S.V.Smolovik, “Investigation of stator transient influence on the simplest electric electriv transmission dynamic stability”, 8th international power system conference, Tahrn-Iran, 1993, PP. 251-261.
- 5- A.El-Sayed Awad, R.V Okorokov, G.A Pershinkov, S.V.Smolovik,” Enhancement of the damping properties of the diode brushless excitation system”, 9th international power system conference, Sant-Peterburg, Russia, 1994, PP. 164-174.



- 6- Awad El-Sabbe, “ Series Controlled Inductance For Supply Quality Improvement”, MEPECON’ 1997, Alexandria-Egypt, Jan.4-6,1997, PP.487-492
- 7- Awad El-Sabbe and Ashraf Zein El-Din “ A Novel ac voltage regulator”, IECON’98, Aachen-Germany, Aug. 31-Sept.4, 1998, PP.607-611.
- 8- S.A Mahmoud, Ashraf Zein El-Din and Awad El-Sabbe” PLC based Control of UPS “, PEMC’98, Prague- CzechRepublic Sept. 8-10, 1998, PP. (8-1)- (8-6).
- 9- Awad El-Sabbe, M.E. Abdel-Karim and F.E. Abdel-Kader,“ New Thyristor Control for Wide Stable Speed Variation of induction Motor”, MEPCON’98, Mansoura-Egypt, December, 15-17, 1998, PP. 585-592.
- 10- Awad El-Sabbe and Ashraf Zein El-Din, “Speed Control of A single Phase Induction Motor Employing AC chopper”, MEPOCIN’ 98, Mansoura Egypt, December, 15-17, 1998, PP. 593-598.
- 11- Ashraf Zein El-Din and Awad El-Sabbe, “A Novel Speed Control Technique for Single Phase Induction Motor “, Eng. Research Bulletin. Faculty of Eng. Menoufia University, Egypt, January 1999, Vol. 20, No. 3, PP. 1-20.
- 12- Awad El-Sabbe, M.E. Abdel Karim and F.E.Abdel Kader, “ Soft Starting of Induction Motor by Controlling The stator Circuit impedance”, “, Eng. Research Bulletin, Faculty of Eng. Menoufia University, Egypt, January 1999, Vol. 22, PP. 135-147.
- 13- A.E.EL-Sabbe, “ Closed Loop Speed Control of Two Quadrant Chopper Feed DC Motor, “ Engineering Research Journal, Minufiya University, Faculty of Engineering, Shebien El-Kom, Egypt, ISSN 1110-1180, Vol.24, No. 1, Jun. 2001, PP. 147-157.
- 14- A.E. El-Sabbe, “Sinusoidal AC Voltage Regulator Using PWM Technique,”. Engineering Research Journal, Minufiya University, Faculty of Engineering, Shebien El-kom, Egypt, ISSN 1110-1180, Vol.24, No.3, Jul. 200, PP. 25-33
- 15- Awad El-Sabbe and Ashraf Zein El-Din, “ A Modified Single To Three Phase Inverter Fed Three Phase Induction Motor, “ 8th International Middle East Power System Conference MEPCON 2001, Helwan University, Cairo, Egypt, Dec. 2001, PP.
- 16- A. El-Sabbe, E.E.EL-kholy, S.S. Shokralla, and Naney A. EL-Hefnawy, “ A New Simplified Approach for Load Voltage Stabilization Using Switched Reactor- Based Ststic VAR Compensator,” 8th International Middle East Power System Conference MEPCON 2001, Helwan University, Caoro, Egypt, Dec. 2001, PP. 691-696.
- 17- E.E.EL-kholy, A. El-Sabbe, S.S. Shokralla, and Naney A. EL-Hefnawy,” DSP Implementation of Fuzzy Logic-Based Load Voltage Stabilization Control,” Engineering Research Journal, Minufiya Univerty, Faculty of Engineering, Shebien El-Kom, Egypt, ISSN 1110-1180, Vol.25, No.3, Jul. 2002, PP.233-248.
- 18- A.S.Zein EL Din and A.E. El-Sabbe, “ Induction Generator output Voltage and Frequency Stabilization “ , 10th International Power Electronics and Motion conference, PEMC’2002, Cavtat-Croatia, 9-11 September 2002, PP. p1-p9
- 19- A. El-Sabbe” Load Voltage Stabilization Based on The Series Compensation,” Engineering Research Journal, Minufiya University, Faculty of Engineering, Shebin El-kom, Egypt, ISSN 1110-1180, Vol. 25, No. 4, Oct. 2002, PP. 135-144.
- 20- E. E. EL-kholy, A. Elsabbe, A. El-Hefnawy and Hamdy M. Mhrous, “ Three Phase Active Power Filter Based on Neutral Network of Current Controlled Voltage Source Inverter”, 11th International Power Electronics and Motion Conference, PEMC’2004, 2-4 Sept. 2004, Rega – Latvia republic
- 21- Engineering Research Journal, Minufiya University, Faculty of Engineering, Shebien El-kom, Egypt, ISSN 1110-1180, Vol.25, No.4, 2002, PP. 117-133.
- 22- A.El-Sabbe and A.s.Zein El- Din,” Rotor Impedance Control of Three – Phase Induction Motor Using MOSFETs,” 10th European Conference on Power Electronics and Applications EPE 2003, Toulouse, France, PP. p1-p10, September 2003.

- 23- A.El-sabbe, “Three – Phase Induction Motor Control Using Single Switch” 9th International Middle East Power System Conference Mepcon’ 2003”, Minoufia University, Egypt. December 2003. PP. 481-488
- 24- A.S.Zein El-Din and A.E. Elsabbe, “ Closed Loop Control of Three-Phase Induction Motor Fed By An Inverter With Variable Controlled DC Voltage, “published in Engineering Research Journal, Minufiya University, Faculty of Engineering Shebien El\_kom, Egypt Issn 1110-1180, Vol. 25, No. 4,January. 2005, PP. 117-133.
- 25- 10<sup>th</sup> international middle East power system conference 13-15 December, 2005, Port Saud, Egypt. “Optimal voltage control of a PWM voltage source inverter feed AC motor” PP 269-274.
- 26- Journal of Electrical System volu-4, 2008. A very low-speed sensorless Induction motor Drive with online stator Resistance identification scheme. PP 106-125.
- 27- ACTA Electrotechnica, vol.45 no. 4, 2004 three active power filter based on current controlled voltage source inverter PP 439-451 (Technical university of Cluj-NAPOCA).
- 28- Stex Sa. 2007 the design and implementation of three phase active power filter based on newral network. A. Elsabbe, E.E. El-kholy, A. El-Hefnawy and Hamdy. M. Mharous. PP (1-7)
- 29- E.E. El-Kholy, A. Elsabbe, S.S Shokralla, Nancy A. El-Hefnawy. , ”A practical fast acting control scheme for fuzzy logic based voltage stabilization control “, Serbain journal of Electrical Engineering PP (5-20) volu-2 No 1, 2005
- 30- Elsabbe, E.E. El-kholy, A. El-Hefnawy and Hamdy. M. Mharous. , “Three phase active power filter based on current source inverter.” International journal of Electrical power & Energy System. Vol 28, issue 8 October 2006. Page 537-547.
- 31- A.Elsabbe, A.M.Dabroom ,” Power factor correction for three-phase load feed from unbalanced three phase supply “, accepted to publish , Yunbu industrial college Journal 2014.
- 32 أ.م. د. / عوض السيد السبع " التلوث البصرى لخطوط النقل الكهربى فى الاراضى الزراعية بالريف المصرى " مؤتمر الريف المصرى الثانى 2000 – كلية الهندسة – جامعة المنوفية
- 33 أ.م.د/ عوض السيد السبع – " تنمية المشروعات الصغيرة فى الريف المصرى " مؤتمر الريف المصرى الثالث 2002 – كلية الهندسة – جامعة المنوفية 2002 – مصر
- 34 أ.د/ عوض السيد السبع – " ماكينة تصنيع الكروت الالكترونية – مشروع لشباب الخريجين " مؤتمر الريف المصرى الخامس 2005 – كلية الهندسة – جامعة المنوفية 2005 – مصر
- 35- A. Harbi, Haitham Z.Azazi, azza E. lashine ,and Awad Elsabbe, , “A Modified Modular Multilevel Converter with Reduced Number of Power Electronic Components”, published in Engineering Research Journal, Minufiya University, Faculty of Engineering Shebien El\_kom, Egypt Issn 1110-1180, Vol. 25, No. 4,Marsh . 2015, PP. 117-133
- 36- A. Harbi, Haitham Z.Azazi, azza E. lashine ,and Awad Elsabbe, , “ sinusoidal output voltage of Multi level inverter with multi-stage fed dynamic load ”, under publishing
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