



CURRICULUM VITA

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Professor of Automatic Control Engineering

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Personal Data:

- Date of birth: 07.09.1969.
- Nationality: Egyptian.
- Martial status: Married.
- Number of kids (4)

Qualifications:

- 1) Ph.D. from Ain shams university, Faculty of Engineering in October 1999.
- 2) M.Sc. from Alexandria university, Faculty of Engineering in October 1994.
- 3) B.Sc. from Alexandria university, Faculty of Engineering in July 1991.

Experience:

1. Lecturing: Electrical and control subjects.
2. Management: Coordination, supervision and quality assurance follow-up.
3. Technical: Electrical drives control, Industrial electronics and Instrumentation.

Work history:

From October 1991 to present: Faculty member – Arab Academy for Science & Technology & Maritime Transport.

Fields of interest:

Automatic control of electrical machines and drives using fuzzy logic control:

- Speed control of induction motors using voltage fed inverter with pulse width modulation.
- Direct torque control of induction motor using fuzzy logic.
- Speed control of DC motors using DC chopper control.
- Voltage control of synchronous alternator.
- Hybrid wind and photovoltaic systems.

Other Activities:

- 1- A member of the Committee on Social Services in the Arab Academy for Science and Technology and Maritime Transport.