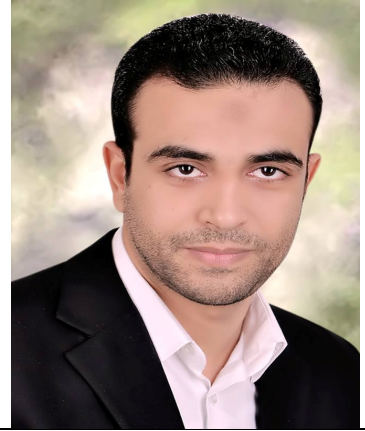# Mustafa Rabeei

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University, Assiut, Egypt
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PERSONAL

Date of Birth: July 20, 1985
Place of Birth: Assiut, Egypt
Citizenship: Egyptian

EDUCATION AND RESEARCH

B.Sc. In electrical engineering (computer and control), Electrical Engineering
Dept.,   Faculty of Engineering, Assiut University, Assiut, Egypt, *June 2008*.
Grade: very good (82.03%).

M.Sc. In Electrical Engineering: "*Linear parameters varying (LPV) system
identification and applications*", Electrical Engineering Dept., Faculty of Engineering,
Assiut University, Assiut, Egypt*, May 2014*.

**Main research interests: Automatic Control, Computer and Software
Engineering, Robotics, System Identification.**

EMPLOYMENT AND EXPERIENCE

- **Faculty of Engineering, Electrical Engineering Dept., Assiut university, Assiut,
  Egypt**
  April, 2010. - Now
  Teaching assistant
    - Tutorial teaching in the following courses
      1. Numerical Engineering Analysis using MATLAB.
      2. Industrial Process Control.
      3. Automatic Control Engineering.
      4. Digital Control Engineering.
      5. Digital Logic Design (lab).
      6. Signals and Systems Analysis.
      7. Computer Programming Languages, C++ and FORTRAN.

- **Target Engineering Co., Cairo, Egypt**
  October, 2008 – April, 2010.
  Instrumentation and automation Engineer.

- Develop PLC/SCADA software for process control of oil and gas plants.
- Supervise installation and commissioning of processes instrumentations.

PUBLICATIONS

1. **Mustafa Rabeei, Hossam S. Abbas and Mohamed M. Hassan**. *LPVIOID: An LPV Input/Output Systems Identification Toolbox Using MATLAB.* **In Proc. Of IEEE EMBS 1st International Student Conference, Cairo, Egypt, 2013.**
2. **Mustafa Rabeei, Hossam S. Abbas and Mohamed M. Hassan**. *LPVIOID- AN LPV IDENTIFICATION TOOLBOX FOR MATLAB: RECENT AND NOVEL TECHNIQUES*. **Journal of Engineering Sciences, Vol. 41, No. 4, July 2013.**

CONFERENCES AND MEETINGS

1. **IEEE EMBS 1st International student conference, 8-10 October 2013, Cairo, Egypt.**
2. **TRAINING COURSE: "Development of Thinking and Managerial Skills-Behavioral Approach", conducted by Cairo university in cooperation with Assiut university from 25th June to 5th July 2007 with a net training hours of 75.**

AWARDS

1. Best Graduate Egyptian Student paper award, December 2013, from the Misr ElKhier Foundation during the IEEE EMBS 1st International Student Conference, Cairo, Egypt, 2013.

SKILLS

➢ **Personal Skills**
- Possess good communicative skills, Ambitious, hardworking and persistent.

➢ **Technical Skills**
- Programming in different languages, **C, C#, Fortran and MATLAB.**
- Design and simulate control system using Simulink and MATLAB.
- Design and build sensors and other electronic circuits using discrete component ICs.
- Design and implement controllers using PIC microcontrollers and PLCs.

➢ **Languages –** Arabic mother tongue, **good in English.**
➢ **Computer Skills – MATLAB/Simulink, Latex, Microsoft Visual Studio, Linux OS.**
▪ **Personal Interests-** Solving engineering problems using computer programming.

REFERENCES

1. **Prof. Dr. Mohamed H. Amin, Professor of automatic control, the department of electrical engineering, Faculty of engineering, Assiut University, Assiut, Egypt. Web page: http://www.aun.edu.eg/membercv.php?M_ID=598 e-mail: dr_mhamin@yahoo.com, Mobile : 00201001679792.**
2. **Dr Hossam Abbas, Assistant Professor of automatic control in the department of electrical engineering, Faculty of engineering, Assiut university, Assiut, Egypt. E-mail: hossam.abbas10@gmail.com, Mobile: 00201000845854.**