

Curriculum vitae

-Contact Information

Name : **Hamid Reza Yaghmoori**

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Hyaghmoori@Ut.AC.IR

-Personal Information

Date of Birth : August 04,1986

Place of Birth : Tehran

Citizenship : Iran

Gender : Male

Marital Status : Married

Children : No

-Employment History

-Teacher of collegiate Mathematics,2006-2009

-Work as a consultant in Danesh High School, Tehran, Iran, 2006-2007

-Professor at University of Applied Science Technology, Iran, 2013-Now

-Professor at Islamic Azad University, Iran, 2013-Now

-Education

Diploma : Mathematics-Physics field of study at Danesh High School,Tehran,Iran,2000-2003

Total GPA 17.75/20.0

B.SC : Electrical Engineering, Control engineering at Qazvin University,Iran,2006-2010

Total GPA : 15.41/20.0

Thesis subject : Design and Implementation of Active and Reactive Power Measurement Device

Project mark : 18.0/20.0

M.SC : Mechatronics Engineering at University of Tehran,Iran,2010-2012

Total GPA: 15.59/20.0

Thesis subject : Adaptive Cruise Control of Vehicle Using Sensor Data Fusion Approach

Thesis mark : 16.0/20.0

-Honors

- Ranked 9th in the Islamic Azad university entrance exam for B.SC,2006
- Ranked 2th among 150 participants in Qazvin University entrance exam for B.SC,2006
- Teacher Assistant in Differential Equations Courses,2007-2008
- Researcher-Trainee at Khaje Nasir Toosi University jihad,2009

-Article

-Hamid Reza Yaghmoori, Meisam Ahmadi, Behzad Moshiri, Behzad Asaie," Improvement of disturbance effects on the Adaptive Cruise Control System(ACC) of vehicle with Sensor Data Fusion Approach", Presented in 21st Iranian Conference on Electrical Engineering, 14-16 May 2013, Ferdowsi University of Mashhad, Mashhad, Iran

-Professional Qualifications

- Familiar with AVR microcontrollers and Programmable logic controllers(PLC)
- Familiar with Control and Mechatronics Systems in industry
- Familiar with Industrial Control Networks like : Profibus, Fieldbus, Ethernet,...
- Familiar with Distributed Control Systems(DCS)

-Computer skills

- Professional Softwares : Proteus,Pspice,Simatic Manager,....
- Programming : MATLAB,C++,Code Vision
- General Softwares : Windows XP,Vista,7-Office

-English Language Skills

Reading : Good

Speaking : Good

Writing : Good

-Award

Get prize from the boss of Qazvin university for ranked 2th in entrance exam of the university,2006

-Professional Membership

Member of Iran engineers society,2012

-Research Experiences

-Implementation of displacement measurement sensor for a mobile object,2010

- Design and Implementation of a simple mobile robot,2011
- Design and Implementation of a manipulator robot,2011
- Performing a lot of control and electronic projects,2006-2010
- Intelligent control systems of Vehicle,2010-2011
- Sensor/Data Fusion Theory,2010-2012
- Adaptive Cruise Control of Vehicle Using Sensor Data Fusion,2010-2012

-Research Interests

Instrumentation

Mechatronics systems

Control systems

Intelligent Transportation Systems

Vehicle Dynamics and Control

Vehicle systems

Intelligent cars

Adaptive cruise control

Sensor/Data fusion Theory

-Teaching Interests

-Linear Control Systems

-Modern Control Systems

-Digital Control Systems

-Electrical Circuits

-Differential Equations

-Sample marks in B.SC and M.SC

B.SC :

Calculus I : 18.25/20.0

Computer Architecture : 17.0/20.0

Calculus II : 15.50/20.0

Power Plant Maintenance and Control :16.0/20.0

Differential Equations: 20.0/20.0

M.SC :

Logic Circuits : 20.0/20.0

Mechatronics Systems : 15.0/20.0

Electrical Circuits : 18.25/20.0

Advanced Robotics : 16.75/20.0

Engineering Mathematics : 18.0/20.0

Advanced Engineering Mathematics: 16.50/20.0

Instrumentation : 17.0/20.0

Artificial Intelligence : 14.0/20.0

Modern Control Theory : 17.0/20.0

Electrical Drives Control : 14.50/20.0

Electromagnetic :15.0/20.0

Advanced Autonomous Control : 17.25/20.0

Power Electronic : 19.0/20.0

Seminar : 17.50/20.0

Electrical Machines : 15.25/20.0

Engineering Probability : 15.0/20.0

-References

-Prof. Behzad Moshiri, Professor, School of Electrical & Computer Eng, University of Tehran,
Email: moshiri@ut.ac.ir

-Dr. Behzad Asaei, Assistant professor, School of Electrical & Computer Eng, University of Tehran,
Email: basaei@ut.ac.ir

-Meisam Ahmadi, PhD student, School of Electrical & Computer Eng, University of Tehran,
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