Amirhossein Rasekh

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RESEARCH INTERESTS:

- Analog Integrated Circuit Design
- Analog RFIC Design
- Analog Wideband Design
- Digital System Design

EDUCATION:

- **Sharif University of Technology**   Tehran, Iran
  M.Sc. / Electrical Engineering –Microelectronic Circuits   Sep 2011 – Present
  Advisor: Dr. Mehrdad Sharif Bakhtiar
  Thesis Subject: Design of Wide-band Low Noise Low Power OPAMP using Negative Capacitance Circuit and Multipath Method
- **Sharif University of Technology**   Tehran, Iran
  B.Sc./ Electrical Engineering –Microelectronic Circuits   Sep 2007 – Present
  Advisor: Dr. Ali Medi
  GPA: 16.56/20

PASSED GRADUATE COURSES:

- RFIC Design,Prof Sharif Bakhtiar
- CMOS I Analog Integrated Circuits Design , Prof. Sharif Bakhtiar
- VLSI Fabrication Technology and Theory, Prof. Etemadi
- Digital Electronics, Prof. Hajsadeghi
- A/D and D/A Converters, Prof. Hajsadeghi
- Integrated Circuits Computer Aided Design (ICCAD) Lab, Prof. Medi
- Monolithic Microwave Integrated Circuits (MMIC), Prof. Medi
- Optical IC , Prof. Fotowat
- Biomedical Circuit Design ,Prof. Borna

TEACHING ASSISTANTSHIP :

- Electronic III .Offered By Prof. Sharif Bakhtiar (2012)
- Electronic III. Offered By Prof. Movahedian (2011)
- Electronic II Lab. Offered By Prof. Fotowat (2009)
- Electronic II . Offered By Prof. Medi (2012)

AWARDS AND HONORS:

- Ranked 79th in the Nationwide University Entrance Examination, 2007
- Ranked 38th in the Nationwide Graduate Examination, 2011

SOFTWARE SKILLS:

- Electrical Engineering Software:
  Cadence (SpctreRF) , ADS, HSpice, Microwave Office, Altium Designer, Modelsim, Quartues, CodevisionAVR
- Programming Languages:
  MATLAB, C++, Assembly of 8086/8088/8051