Curriculum vitae of HAMED HASHEMI-DEZAKI

Assistant Professor
Department of Electrical and Computer Engineering
University of Kashan
6 km Ghotbravandi Blvd., Kashan
Telephone: (+98) 912-716-6852, (+98) 31-5591-3483
Fax: (+98) 31-5591-2893
Email: Hamed.hashemi@gmail.com, hamed.hashemi@kashanu.ac.ir

Education

2008	B.S. Electrical Engineering, FACTS Research Lab., Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, Prof. Gharepetian, Advisor **(GPA: 17.48/20, B.S Thesis: 20/20)** **B.S Thesis: Modified software model to match it with the coil laboratory samples for model validation of windings deflection using of electromagnetic waves**
2010	M.S. Electrical Engineering, Power System Protection Research Lab., Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, Prof. Askarian-Abyaneh, Advisor **(GPA: 18.60/20, M.S Thesis: 20/20)** **M.S Thesis: Optimized allocation of protective and switching devices in distribution systems**
2015	Ph.D. Electrical Engineering, Power System Protection Research Lab., Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, Prof. Askarian-Abyaneh, Advisor **(GPA: 18.72/20, PhD Thesis: Excellent Grade)** **PhD Thesis: Risk management of smart grids under uncertainties of system parameters**

Honors

2002	Accepted in the Provincial Physic, Computer, and Chemistry Olympiads
2004-2008	High Honor and Top-Rank in B. S Degree
2004-2008	Accepted for Studying Double Majors (Power and Industrial Engineering) at the Same Time
2008	Offered M.Sc. in Power majors without passing the entrance exam
2008-2010	High Honor and Top-Rank in M. S Degree
2010-2015	High Honor and Top-Rank in Ph. D Degree
2011-2013	National Elites Foundation Facilities for Military Service Period

Professional and Executive Positions

2020	Researcher, Regional Innovation Center for Electrical Engineering (RICE), University
2016-Now	Assistance Professor, Department of Electrical and Computer Engineering, University of Kashan
2012-2020	R&D Manager, (Energy and Power Industries Laboratories Co. (EPIL) as a Well-known Knowledge-based Company and ISO IEC 17025 Accredited Lab in Iran

Research Interests

1- Smart Grid
2- Energy Systems
3- Renewable Energies
4- Reliability and Risk Management
5- Power System Protection
6- Transmission and Distribution Systems
7- High Voltage Engineering

Publications

WOS and SCOPUS Journal Papers

1- Optimal clustering-based operation of smart railway stations considering uncertainties of renewable energy sources and regenerative braking energies, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
2- Optimized protection coordination of smart grids considering N-1 contingency based on reliability-oriented probability of various topologies, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
3- Optimal communication-aided protection of meshed smart grids considering stability constraints of distributed generations incorporating optimal selection of relay characteristics, *IET Renewable Power Generation* (SCOPUS-Q2/WOS-Q2/IF: 3.034), 2022;
4- Analytical reliability evaluation method of smart micro-grids considering the cyber failures and information transmission system faults, *IET Renewable Power Generation* (SCOPUS-Q2/WOS-Q2/IF: 3.034), 2022;
5- Optimal linearized operation of electric railway system in the presence of flexible renewable sources and switchable capacitor banks considering supply and demand sides' uncertainties, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
6- Robust optimal operation of energy hub incorporating integrated thermal and electrical demand response programs under various electric vehicle charging modes, *Applied Energy* (SCOPUS-Q1/WOS-Q1/IF: 9.746), 2022;
7- Optimal electric arc furnace model's characteristics using genetic algorithm and particle swarm optimization and comparison of various optimal characteristics in DIgSILENT

and EMTP-RV, *International Transactions on Electrical Energy Systems* (Q2 Scopus/ Q2 WOS-IF: 2.860), 2022;

8- Clustering-based reliability assessment of smart grids by fuzzy c-means algorithm considering direct cyber-physical interdependencies and system uncertainties, *Sustainable Energy, Grids and Networks* (SCOPUS-Q1/WOS-Q1/IF: 3.899), 2022;
9- A novel clustering-based method for reliability assessment of cyber-physical microgrids considering cyber interdependencies and information transmission errors, *Applied Energy* (SCOPUS-Q1/WOS-Q1/IF: 9.746), 2022;
10- A scenario-based approach for optimal operation of energy hub under different schemes and structures, *Energy* (SCOPUS-Q1/WOS-Q1/IF: 7.147), 2022;
11- Optimal probabilistic reliability-oriented planning of islanded microgrids considering hydrogen-based storage systems, hydrogen vehicles, and electric vehicles under various climatic conditions, *Journal of Power Sources* (SCOPUS-Q1/WOS-Q1/IF: 9.127), 2022;
12- Optimized cyber-attack detection method of power systems using sliding mode observer, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
13- Optimal stochastic energy management of electrical railway systems considering renewable energy resources' uncertainties and interactions with utility grid, *Energy Science and Engineering*, (SCOPUS-Q2/WOS-Q2/IF: 4.170), 2022;
14- Harmonic-based 3D thermal analysis of thyristor-controlled reactor's power cable joints considering external electromagnetic fields, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
15- Harmonic-based expected life estimation of electric arc furnace's high voltage polymeric insulated cables based on electro-thermal stresses considering sheath bonding methods and transient over-voltages, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2022;
16- Optimal operation and scheduling of residential energy hubs simultaneously considering optimal sizing of heat storage and battery storage systems, *Journal of Energy Storage*, (SCOPUS-Q1/WOS-Q1/IF: 6.583), 2021;
17- Barrier analysis of solar PV energy development in the context of Iran using fuzzy AHP-TOPSIS method, *Sustainable Energy Technologies and Assessments* (Q1 Scopus/ Q2 WOS-IF: 5.353), 2021;
18- Evaluating the Electromagnetic Forces on the Electric Arc Furnaces' Power Cables Under Various Operation Conditions, *Electric Power Systems Research* (SCOPUS-Q1/WOS-Q2/IF: 3.414), 2021;
19- Distributed trust-based unscented Kalman filter for non-linear state estimation under cyber-attacks: The application of maneuvering target tracking over wireless sensor networks, *IET Control Theory and Applications* (SCOPUS-Q1/WOS-Q1/IF: 3.527), 2021;
20- Harmonic-based Thermal Analysis of Electric Arc Furnace's Power Cables Considering Even Current Harmonics, Forced Convection, Operational Scheduling, and Environmental Conditions, *International Journal of Thermal Sciences* (SCOPUS-Q1/WOS-Q1/IF: 3.476), 2021;
21- Optimal stability-oriented protection coordination of smart grid's directional overcurrent relays based on optimized tripping characteristics in double-inverse model using high-set relay, *International Journal Electric Power and Energy Systems* (SCOPUS-Q1/WOS-Q1/IF: 3.588), 2021;

22- Optimal Stochastic Operation of Residential Energy Hubs Based on Plug-in Hybrid Electric Vehicle Uncertainties Using Two-point Estimation Method, *Sustainable Cities and Society*, (Q1 Scopus/ Q1 WOS-IF: 5.268), 2021;
23- Reliability Evaluation of Smart Microgrids Considering Cyber Failures and Disturbances under Various Cyber Network Topologies and Distributed Generation's Scenarios, *Sustainability* (Q1 Scopus/ Q2 WOS-IF: 2.576), 2021;
24- Reliability evaluation of smart grid using various classic and metaheuristic clustering algorithms considering system uncertainties, *International Transactions on Electrical Energy Systems* (Q2 Scopus/ Q3 WOS-IF: 1.692), 2021;
25- Optimal stochastic scenario-based allocation of smart grids' renewable and non-renewable distributed generation units and protective devices, *Sustainable Energy Technologies and Assessments* (Q1 Scopus/ Q2 WOS-IF: 3.427), 2021;
26- Investigation of impacts of plug-in hybrid electric vehicles' stochastic characteristics modeling on smart grid reliability under different charging scenarios, *Journal of Cleaner Production*, (Q1 Scopus/ Q1 WOS-IF: 7.246), 2020;
27- Stochastic operation and scheduling of energy hub considering renewable energy sources' uncertainty and N-1 contingency, *Sustainable Cities and Society*, (Q1 Scopus/ Q1 WOS-IF: 5.268), 2020;
28- Optimal Scenario-based Operation and Scheduling of Residential Energy Hubs Including Plug-in Hybrid Electric Vehicle and Heat Storage System Considering the Uncertainties of Electricity Price and Renewable Distributed Generations, *Journal of Energy Storage*, (SCOPUS-Q1/WOS-Q2/IF: 3.762), 2020;
29- Optimal microgrid's protection coordination considering N-1 contingency and optimum relay characteristics, *Applied Soft Computing* (Q1 Scopus/ Q1 WOS-IF: 5.472), 2020;
30- Multi-year load growth-based optimal planning of grid-connected microgrid considering long-term load demand forecasting: A case study of Tehran, Iran, *Sustainable Energy Technologies and Assessments* (Q1 Scopus/ Q2 WOS-IF: 3.427), 2020;
31- Optimal Day-Ahead Self-Scheduling and Operation of Prosumer Microgrids Using Hybrid Machine Learning-Based Weather and Load Forecasting, *IEEE ACCESS* (SCOPUS-Q1/WOS-Q1/IF: 3.745), 2020;
32- Optimization of the scheduling and operation of prosumers considering the loss of life costs of battery storage systems, *Journal of Energy Storage*, (SCOPUS-Q1/WOS-Q2/IF: 3.762), 2020;
33- Optimal Probabilistic Scenario-based Operation and Scheduling of Prosumer Microgrids Considering Uncertainties of Renewable Energy Sources, *Energy Science and Engineering*, (SCOPUS-Q1/WOS-Q3/IF: 2.631), 2020;
34- Optimal Techno-Economic Sequence-Based Set of Diagnostic Tests for Distribution Transformers Using Genetic Algorithm, *Periodica Polytechnica Electrical Engineering and Computer Science*, (SCOPUS-Q3), 2020;
35- Artificial Intelligence and COVID-19: Deep Learning Approaches for Diagnosis and Treatment, *IEEE ACCESS* (SCOPUS-Q1/WOS-Q1/IF: 3.745), 2020;
36- Optimal Day-ahead Scheduling and Operation of the Prosumer by Considering Corrective Actions Based on Very Short-term Load Forecasting, *IEEE ACCESS* (SCOPUS-Q1/WOS-Q1/IF: 3.745), 2020;
37- A Novel Generalized Analytical Reliability Assessment Method of Smart grids Including Renewable and Non-Renewable Distributed Generations and Plug-in Hybrid Electric Vehicles, *Reliability Engineering & System Safety*, (SCOPUS-Q1/WOS-Q1/IF: 5.040), 2020;

38- Impacts of load modeling on generalized analytical reliability assessment of smart grid under various penetration levels of wind/solar/non-renewable distributed generations, *Sustainable Energy, Grids and Networks* (SCOPUS-Q1/WOS-Q2/IF: 2.532), 2019;
39- Reliability optimization of smart grid based on the optimal allocation of protective devices, distributed energy resources, and electric vehicle/plug-in hybrid electric vehicle charging stations, *Journal of Power Sources* (SCOPUS-Q1/WOS-Q1/IF: 8.247), 2019;
40- Direct Cyber-Power Interdependencies-Based Reliability Evaluation of Smart Grids Including Wind/Solar/Diesel Distributed Generations and Plug-in Hybrid Electrical Vehicles, *International Journal Electric Power and Energy Systems* (SCOPUS-Q1/WOS-Q1/IF: 3.588), 2017;
41- Risk Management of Smart Grids Based on Plug-in Hybrid Electric Vehicles, Charging Considering Transformers' Hottest Spot Temperature-Dependent Aging Failures, *Journal of Renewable and Sustainable Energy* (SCOPUS-Q3/WOS-Q4/IF: 1.575), 2016;
42- Risk Management of Smart Grids Based on Managed Charging of PHEVs and Vehicle-to-Grid Strategy Using Monte Carlo Simulation, *Energy Conversion and Management* (SCOPUS-Q1/WOS-Q1/IF: 8.208), 2015;
43- Reliability Optimization of Electrical Distribution Systems Using Internal Loops to Minimize ENS, *Journal of Applied Research and Technology* (SCOPUS-Q1), 2015;
44- Impacts of Direct Cyber-Power Interdependencies on Smart Grid Reliability under Various Penetration Levels of Microturbine/Wind/Solar DGs, *IET Generation, Transmission & Distribution* (SCOPUS-Q1/WOS-Q2/IF: 2.862), 2016;
45- Sensitivity Analysis of Smart Grids Reliability Due to Indirect Cyber-Power Interdependencies under Various DG Technologies, DG Penetrations, and Operation Times, *Energy Conversion and Management* (SCOPUS-Q1/WOS-Q1/IF: 8.208), 2016;
46- Allocation of the Loss-of-life Cost of In−service Distribution Cables to Network Customers, *Electric Power Components and Systems (Taylor and Francis)*, 2013.
47- Effect of Distributed Generations on Aging Failure Probability of Distribution Transformers, *Electric Power Components and Systems (Taylor and Francis)*, 2012.
48- A General Approach for Optimal Allocation of FACTS Devices Using Equivalent Impedance Models of VSCs, *International Transactions on Electrical Energy Systems*, 2015.
49- A Novel Hybrid Islanding Detection Technique Using Rate of Voltage Change and Capacitor Tap Switching, *Electric Power Components and Systems (Taylor and Francis)*, 2012.
50- Optimized Switch Allocation to Improve the Restoration Energy in Distribution Systems, *Journal of Electrical Engineering*, 2012.
51- A new method based on sensitivity analysis to optimize the placement of SSSCs", *Turk J Elec Eng & Comp Sci*, 2014.
52- A Novel Approach Based on Reliability Sensitivity Analysis to Allocate the Protective Devices, *Turk J Elec Eng& Comp Sci*, 2013.
53- Optimized Operation and Maintenance Costs to Improve System Reliability by Decreasing the Failure Rate of Distribution Lines, *Turk J Elec Eng& Comp Sci*, vol. 21, no. 2, pp. 2191-2204, 2013.
54- Optimized Allocation of DGs to Improve System Reliability Based on Loading Effects, *AJSE-Engineering (Springer)*, 2013.

55- Optimized Distribution Generation Placement to Improve the Distribution Systems Reliability by Genetic Algorithm, *Journal of Electrical Engineering*, 2013.
56- A New Approach to Optimize the APFs Placement Based on Instantaneous Reactive Power Theory by Genetic Algorithm, *Journal of Electrical Engineering*, 2014.
57- …

International Conference Papers

1- Advantages of Three-Dimensional Time-Current-Voltage Relay Characteristic for Distribution System Protection Considering Variable Penetration Level of Photovoltaic Plants, *2022 26th Conference on Electrical Power Distribution Networks Conference (EPDC)*, Tehran, 2022.
2- Optimal Protective Coordination of Microgrids Considering N-1 Contingency Using Dual Characteristics Directional Overcurrent Relays, *2022 16th International Conference on Protection & Automation in Power System*, Zahedan, Iran, 2022
3- Optimal Protection of Smart Grids Using Communication-based Dual-setting Directional Overcurrent Relays Consideration Different Grid Configurations, *2022 16th International Conference on Protection & Automation in Power System*, Zahedan, Iran, 2022
4- Optimal Protection Coordination of Dual-Setting Directional Overcurrent Relays Based on Three-point Coordination Strategy, *2021 11th Smart Grid Conference (SGC)*, Tabriz, Iran;
5- Optimal Protection Scheme Of Micro-Grids Considering N-1 Contingency By A New Hybrid GA-PSO-LP Optimization Algorithm, *2021 11th Smart Grid Conference (SGC)*, Tabriz, Iran;
6- Reliability evaluation of active distribution networks based on scenario reduction method using PSO algorithm, *2020 10th Smart Grid Conference (SGC)*, Kashan, Iran, 2020;
7- Developing an Energy Management System for Optimal Operation of Prosumers Based on a Modified Data-Driven Weather Forecasting Method, *2020 10th Smart Grid Conference (SGC)*, Kashan, Iran, 2020.
8- Sensitivity Analysis of Distribution System Reliability for Identifying the Critical Elements," *2019 27th Iranian Conference on Electrical Engineering (ICEE)*, Yazd, Iran, 2019;
9- Voltage regulation in the transmission line by shunt flexible AC transmission system devices," *2017 14th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, Phuket, 2017;
10- Investigation of SFCL impacts on crowbar protection of DFIG based wind turbine," *2015 20th Conference on Electrical Power Distribution Networks Conference (EPDC)*, Zahedan, 2015.
11- Optimized investment to decrease the failure rate of distribution lines in order to improve SAIFI, *4th International Power Engineering and Optimization Conference 2010*, Shah Alam, Malaysia, 2010.

12- Reducing of the Impact of DG in Distribution Networks Protection Using Fault Current Limiters, *4th International Power Engineering and Optimization Conference 2010*, Shah Alam, Malaysia, 2010.
13- Optimized Protective Devices Allocation in Electric Power Distribution Systems Based on the Current Conditions of the Devices, *IEEE International Conference on Power and Energy 2010*, Selangor, Malaysia, 2010.
14- Effect of the PV/FC Hybrid Power Generation System on Total Line Loss in Distribution Network, *IEEE International Conference on Power and Energy 2010*, Selangor, Malaysia, 2010.
15- Protective and Switching Devices Allocation According to Total Cost Minimization by Genetic Algorithm in Distribution Systems, *IEEE International Conference, ELECO 2011*, Bursa, Turkey, 2011.
16- Voltage Indices Improvement Using UPFC Based on Specific Coefficients Algorithm, *IEEE International Conference, Smart Grids (ICSG), 2012 2nd Iranian Conference on smart grids*.
17- Optimized Allocation of STATCOMs based on Equivalent Impedance Modeling of VSCs Using Genetic Algorithm", *IEEE International Conference on Smart Energy at UOIT*, Canada (28-30 Aug-2013).
18-

Books

2010-2012	Power System Analysis, Second Edition, Publisher: Sepahan (in Persian)
2013	Electric Circuits (Special for Computer Engineering Students), Publisher: Sepahan (in Persian)

Participation in Codification of National Standards

2015	INSO 4221-1, Measuring relays and protection equipment- Part 1: Common requirements (in Persian)
2015	INSO 4221-127, Measuring relays and protection equipment- Part 127: Functional requirements for over/under voltage protection (in Persian)
2015	INSO 4221-149, Measuring relays and protection equipment- Part 149: Functional requirements for thermal electrical relays (in Persian)
2016	INSO 4221-21-3, Electrical relay- part 21: vibration, shock, bump and seismic tests on measuring relays and protection equipment-section3: seismic tests (in Persian)

Teaching Experience

2008-2016	Relay and Power System Protection Lab, Department of Electrical Engineering, Amirkabir University of Technology (Tehran Polytechnic)
2010-2012	Relay and Power System Protection Lab, Shahab Danesh University
2008-2014	Teaching Assistant (TA), Power System Analysis, Department of Electrical Engineering, Amirkabir University of Technology (Tehran Polytechnic)
2010-2011	Power System Analysis, Islamic Azad University-Shahrekord Branch
2010-2011	Electrical Machines I, Islamic Azad University-Shahrekord Branch
2010-2011	Electric Circuits II, Islamic Azad University-Shahrekord Branch

2016-2018	Power System Analysis, Department of Computer and Electrical Engineering, University of Kashan
2016	Designing of Transmission Lines and Project, Department of Computer and Electrical Engineering, University of Kashan
2016-2017	Fundamental of Electrical Engineering, Department of Computer and Electrical Engineering, University of Kashan
2017	Electric Circuits II, Department of Computer and Electrical Engineering, University of Kashan
2017	Electrical Machines I, Department of Computer and Electrical Engineering, University of Kashan
2016-2017	Advanced Electrical Distribution Systems, M.S Course, Islamic Azad University-Kashan Branch
2016-2017	Power Market, M.S Course, Islamic Azad University-Kashan Branch
2016-2017	Advanced Power System Operation, M.S Course, Islamic Azad University-Kashan Branch
2016	Power System Analysis Lab, Department of Electrical and Computer Engineering, University of Kashan
2018	Reliability and Risk Management, Energy Research Center, University of Kashan
2017-Now	Insulations and High Voltage Engineering, Department of Electrical and Computer Engineering, University of Kashan
2017-Now	Advanced Power System Protection, M.S Course, Department of Electrical and Computer Engineering, University of Kashan

Technical and Industrial Workshops

2014-2015	LV and MV Switchgears and their Testing and Inspection Standards
2015	Power System Analysis, Hormozgan Regional Electrical Company (HREC)
2015	DIgSILENT Software and Power System Analysis, Systan and Baluchestan Regional Electrical Company
2016	High Voltage Cables, Kerman Regional Electrical Company (KREC)
2016	Industrial and Electrical Map Reading, Yazd Regional Electrical Company
2016	Designing of Grounding Systems, Yazd Regional Electrical Company
2016	Safety in Electrical Systems, Ilam Electrical Distribution Company
2015-2017	Power System Protection, EPIL
2015-2017	Relay Testing by Omicron CMC 256, EPIL
2016-2019	Power System Simulator in more than 10 Universities and Companies

Professional Activities

2008-2010	Research Project Entitled “Protective and Switching Devices in Distributions Systems”, Alborz Electrical Distribution System
2010-2012	Designing and Manufacturing of Educational Relay System Based on Schnider P127 Multi-Function Relay, Power System Protection Research Lab, Amirkabir University of Technology
2011-Now	Designing the 800/2500 MVA High Power/Short Circuit Lab (Similar to KEMA HPL)
2012-2020	Project Manager of Designing and Manufacturing of Power System Simulator

2018-2020	Project Manager of Designing and Manufacturing of SCADA System for Power System Simulator
2019-2020	Project Manager of Designing and Manufacturing of Advanced Protection System for Power System Simulator
2012-2014	Designing and Construction of Voltage Endurance and Thermal Cycling Lab for Accelerated Aging of Generators' Stator Bars
2014 -2020	More than 10 Testing and Inspection Projects in the Field of Partial Discharge (PD) Tests and Fault Localization of MV and HV cables Using Omicron MPD 600 and TDR Technique
2014 -2020	More than 3 Full Type Tests of Protective Relays Using Omicron CMC 256, CT Analyzer, CPC 100, and Other Testing Equipment
2015	Designing and Preparing the Hating Cycle Lab for MV and HV Cables
2015-Now	More than 10 Testing and Inspection Projects in the Field of Short Circuit Tests in ICMET-Craiova, Romania
2015-2016	Transient Measurements of Differential Relay (ABB REL) for 400 kV short lines Connecting the TOY and Substation, and Diagnosing the Transient Overvoltage of CVTs during Switching Process, Karun 3 Hydro Power Plant
2015-2020	More than 20 Testing and Inspection Projects in the Field of Partial Discharge (PD), Dissipation Factor (Tan delta) of Hydro, Gas, and Steam Power Plants in Online and Offline methods By Omicron MPD 600, MI600, and Other Testing Equipment
2018	Transmission line parameter measurement for Asaloyeh Power Plant Using Omicron CPC 100 and CU1

Technical Reviewer

- International Journal of Electrical Power and Energy Systems (Elsevier)
- Applied Energy (Elsevier)
- International Transactions on Energy Systems (Wiley-ETEP)
- Electric Power Components and Systems Journal
- …

Computer Skills

Electrical/Power Software

- MATLAB (Simulink)
- DIgSILENT
- PSCAD
- EMTP-RV
- GAMS

Programming Languages

- MATLAB (m-file)
- C++

References

- Prof. Hossein Askarian-Abyaneh, Full Professor, Department of Electrical Engineering, Amirkabir University of Technology, Tehran, Iran.
  Address: No. 424, Hafez Ave., Tehran, Iran, Postal Code: 15875-4413
  Tel/Fax: +98 (21) 64543335, +98 (21) 66406568
  Askarian@aut.ac.ir
  http://www.aut.ac.ir/askarian

- Prof. Gevork Gharepetian, Full Professor, Department of Electrical Engineering, Amirkabir University of Technology, Tehran, Iran.
  Address: No. 424, Hafez Ave., Tehran, Iran, Postal Code: 15875-4413
  Tel/Fax: +98 (21) 64543341
  Grptian@aut.ac.ir
  http://ele.aut.ac.ir/~gharehpetian/

- Prof. Seyed Hossein Hosseinian, Full Professor, Department of Electrical Engineering, Amirkabir University of Technology, Tehran, Iran.
  Address: No. 424, Hafez Ave., Tehran, Iran, Postal Code: 15875-4413
  Tel/Fax: +98 (21) 64543343
  Hosseinian@aut.ac.ir
  http://www.aut.ac.ir/hosseinian

- Dr. Seyed Mohsen Mirsadri, CEO, Energy and Power Industries Laboratories (EPIL), Tehran, Iran.
  Address: Unit 6, No. 5, Corner of Rezvan St., South Shiraz Ave., Shahid Hemmat Expressway Tehran – Iran, Postal Code: 1436954817
  Tel/Fax: +98 (21) 88058974-5
  mirsadri@eepil.com