

Curriculum Vitae (CV)



Personal Information:

Name	Surname	Date of Birth	Nationality	Gender	
				Male	Female
Morteza	Nazari-Heris	28 th July, 1993	Iranian	√	

Email

mnazari94@ms.tabrizu.ac.ir

Membership to Scientific Associations:

Name of Institution/ Association	Position Held	Member Number	Year
Institute of Electrical and Electronics Engineers (IEEE)	Student Member	93395152	2015 up to now
Institute of Electrical and Electronics Engineers (IEEE) Tabriz Section	Member	-	2014 up to now
Iran Energy Association (IEA)	Secretary of scientific and research committee	923075	2013 up to now
Scientific Electrical Association of Faculty of Computer and Electrical Engineering of Tabriz University	Active Member	-	2015 up to now
IKAD Entrepreneurship Center of Faculty of Computer and Electrical Engineering of Tabriz University	Active Member	-	2013 up to now
Talented Students University of Tabriz	Member	-	2015 up to now

Educational Background:

Degree	Field of Specialization	Name of Institution	City	Country	Received Date
B.Sc.	Electrical Engineering-Power	Tabriz University	Tabriz	Iran	2015
M.SC.	Electrical Engineering-Power	Tabriz University	Tabriz	Iran	Student

Master Thesis: Optimal placement of phasor measurement units to attain power system observability utilizing an upgraded binary harmony search algorithm

Awards and Honors:

Ranked 59th among more than 20000 electrical engineering students in the entrance exam for M.Sc degree (2015)
Selected as the best master thesis in IEA Second International Conference On Technology And Energy (2015)
Selected as the best bachelor student of university of Tabriz (2015)
Selected as best idea in First Top Ideas Festival of Tabriz university by presenting "My Smart Faculty Idea" (2014)
Selected in first Festival of research and scientific creativity of university of Tabriz (2016)

Publications: (ISI and Scopus papers)

No	Article
1	Nazari-Heris, M., and B. Mohammadi-Ivatloo. "Application of heuristic algorithms to optimal PMU placement in

	electric power systems: An updated review." <i>Renewable and Sustainable Energy Reviews</i> 50 (2015): 214-228.
2	Nazari-Heris, M. , and B. Mohammadi-Ivatloo. "Optimal placement of phasor measurement units to attain power system observability utilizing an upgraded binary harmony search algorithm." <i>Energy Systems</i> 6.2 (2015): 201-220.
3	Haghray, Amirarslan, Nazari-Heris, M. , and B. Mohammadi-Ivatloo. "Real coded genetic algorithm with improved Muhlenbein mutation for solving combined heat and power economic dispatch problem." Revised, Applied Thermal Engineering

Publications: (Conference Full Papers)

No	Title of the Article
1	Tarzamni, Hadi, B. Mohammadi-Ivatloo, , Nazari-Heris, M. Optimal power flow of microgrids utilizing harmony search optimization method, IEA first national Conference, Tehran, Iran, 2013
2	Nazari-Heris, M. , and B. Mohammadi-Ivatloo Comparison of automatic parking structures and feasibility analysis of implementation in Tabriz, Fifth elevator and escalator training seminar, Tehran, Iran, 2013
3	Kalavani, Farshad, Nazari-Heris, M. , and B. Mohammadi-Ivatloo. "Evaluation of Peak Shifting and Saving Energy of Ice Storage Air Conditioning System in Iran." IEA Second International Conference On Technology And Energy, Tehran, Iran, 2015
4	Talavat, Vahid, Nazari-Heris, Farhad, Paknejad, Ahad, and Nazari-Heris, M. "Proposing a method for optimization of a wind-diesel generation system and analyzing a case study in Tabriz" IEA Second International Conference On Technology And Energy, Tehran, Iran, 2015
5	Yavari, Narges, Nazari-Heris, M. , Rezaeipour, Roshanak, Nazari-Heris, Farhad. "A review on optimization methods of design and efficiency of switch reluctance motor" IEA Second International Conference On Technology And Energy, Tehran, Iran, 2015
6	Nazari-Heris, M. , and B. Mohammadi-Ivatloo. "Optimal placement of phasor measurement units in Iran power network considering a novel pricing strategy of placement of phasor measurement units in different buses " 4th International Congress on Electric Industry Automation, Tabriz, Iran (2016)
7	Nourmohammadi, Hesam, Nazari-Heris, M. , Sabahi, Mehran, Abapour, Mehran , "Proposing a nonsuperconducting fault current limiter structure based on utility impedance" 4th International Congress on Electric Industry Automation, Tabriz, Iran (2016)

Research Interests:

Title
Optimal PMU Placement in Electric Power Systems
Combined Heat and Power Economic Dispatch
Hydrothermal Scheduling
Optimal Power Flow of Micro Grids
Application of Heuristic Optimization Methods in Power System
Fault Current Limiter
Storage Systems
Switched Reluctance Motors