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<<< Mohsen Farshad >>>

Contact Information

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Education

Ph.D. in Electrical Engineering, University of Tehran, Tehran, Iran, Sep. 2006.
     Thesis: Modeling, Design and Intelligent Control of Switched Reluctance Motor (SRM) for Washing Machine
        Application.
M.Sc. in Electrical Engineering, University of Tehran, Tehran, Iran, Feb. 1994.
     Thesis: Intelligent Control of Vehicle's Traffic.
B.Sc. in Electrical Engineering, Sharif University of Technology, Tehran, Iran, Sep. 1990.

Academic Professions

_ **Instructor**, Faculty of Electrical & Computer Engineering, University of Birjand, Birjand, Iran, from June 1997 up to September 2006.
_ **Assistant Professor**, Faculty of Electrical & Computer Engineering, University of Birjand, Birjand, Iran, from September 2006 up to June 2015.
_ **Associate Professor**, Faculty of Electrical & Computer Engineering, University of Birjand, Birjand, Iran, from June 2015 up to now.
_ **Head of the Technical Institute of Qaen**, University of Birjand, Qaen, Iran, from February 2005 until December 2009.
_ **Head of Electronic Engineering Group**, Faculty of Electrical & Computer Engineering, University of Birjand, Birjand, Iran, from May 2012 until October 2014.
_ **Educational Assistant**, Faculty of Electrical & Computer Engineering, University of Birjand, Birjand, Iran, from June 2014 until January 2017.
_ **Member of the Supervisory and Evaluation Council**, University of Birjand, Birjand, Iran, from February 2017 up to now.
_ **Secretary of the Supervisory, Evaluation and Quality Assurance Department of South Khorasan Province**, from November 2017 up to now.
_ **Invited Professor,** Islamic Azad University of Gonabad, Gonabad, Iran, September 2009 until July 2013.

Research areas of interest

_ Analysis, Modeling, Design and Control of Electrical Machines
_ Analysis, Development and Application of Intelligent Tools and Systems

_ Systems Identification
_ Machine Learning
_ Vehicular Traffic

Courses

A) Graduate Courses

_ Modern Control
_ Intelligent subjects in Power Engineering (Neural Networks and Fuzzy systems)
_ System Identification
_ Engineering Optimization
_ Fuzzy Control
_ Multivariable Control

B) Undergraduate Courses

_ Electrical Circuits I and II
_ Linear Control Systems
_ Signals and Systems Analysis
_ Electrical measurement
_ Electronic I
_ Operation Research
_ Linear Algebra
_ Engineering Mathematics
_ Engineering Probability and Statistics
_ Numerical Calculations
_ Electricity and Magnetic Physics

Ms.c. Theses

_ Guidance of at least 35 Ms.c. Theses up to now in University of Birjand and Gonabad
_ Consultation of at least 30 Ms.c. Theses up to now in University of Birjand and Gonabad

Key Projects

1. Cooperation with Tehran traffic control company in the range of 1992 to 1994 on modeling and intelligent control of urban traffic of Tehran.

Publications

A) Journal Papers

1) **M. Farshad**, J. Faiz, C. Lucas and H. Ghafoori-Fard, "Examination and Modeling of the Mutual Coupling Effects of Phases Windings in SR6/4 Motor Using Two-Dimensional FE Analysis," Journal of Faculty of Engineering (University of Tehran), Vol. 38, No. 3, PP. 381-393, September 2004.

2) **M. Farshad**, J. Faiz, and C. Lucas, "Development of Analytical Models of Switched Reluctance Motor in Two-Phase Excitation Mode: Extended Miller Model," *IEEE Trans. on Magnetics*, Vol. 41, No. 6, PP. 2145-2155, 2005.

3) **M. Farshad**, C. Lucas and H. Ghafoori-Fard, "SRM Modeling: Improvement of Miller Model," Sharif Journal of Science and Technology, Vol. 21, No. 30, PP. 51-63, Summer 2005.

4) **M. Farshad**, C. Lucas, B. Araabi and H. Ghafoori-Fard, "Development of a Feedback Linearization Method to Speed Control of Switched Reluctance Motor," Amirkabir Journal of Science and Technology, Vol. 17, No. 65-A, PP. 27-38, Fall 2006 - Winter 2007.

5) H. Esfandiari and **M. Farshad**, "Power Plant Energy Forecasting and Identify Non-Linear Models to Estimate Load," MAPNA Group Scientific Journal, No. 10, PP. 9-16, Spring 2011.

6) M. Ebadian, R. Aboli and **M. Farshad**, "Using a New Developed Version of Particle Swarm Optimization Algorithm for the Economic-Security Optimal Management of Reactive Power in Power Systems," Intelligent Systems in Electrical Engineering, Vol. 2, No. 2, PP. 67-80, Summer 2011.

7) M. Taghipour, M.A. Shamsi Nejad, S.M. Razavi, **M. Farshad**, I. Faraji and H. Ghahramani, "Determining Inter-Turn Stator Winding Fault Percent of Permanent Magnet Synchronous Motor Using Fuzzy Logic," Intelligent Systems in Electrical Engineering, Vol. 2, No. 2, PP. 13-24, Summer 2011.

8) H. Moayedi Rad, M.A. Shamsi Nejad and **M. Farshad**, "Neural Control of the Induction Motor Drive: Robust Against Rotor and Stator Resistances Variations and Suitable for Very Low and High Speeds," Iranian Journal of Electrical and Electronic Engineering, Vol. 9, No. 2, PP. 107-113, Summer 2011.

9) A. Najafi, **M. Farshad** and H. Falaghi, "Unit Commitment Using a Heuristic Method Based on Artificial Bee Colony Optimization Algorithm," Intelligent Systems in Electrical Engineering, Vol. 1, No. 1, PP. 103-118, Winter 2011.

10) N. Changizi, M. Moghadas, M.R. Dastranj and **M. Farshad**, "Design a Fuzzy Logic Based Speed Controller for DC Motor with Genetic Algorithm Optimization," Applied Mechanics and Materials, *Trans Tech Publications, Switzerland*, Vols. 110-116, PP 2324-2330, 2012.

11) MA. Shamsi Nejad, M. Khalghani and **M. Farshad**, "Representing a Novel Control Method for DVR Compensator in Order to Use it in Load's Power Quality," Iranian Electric Industry Journal of Quality and Productivity (IEIJQP), Vol. 1, No. 1, PP. 20-28, 2012.

12) R. Shariatinasab, M. Akafi M, and **M. Farshad**, "Estimation of Switching Over-voltages on Transmission Lines Using Neuro-Fuzzy Method," Intelligent Systems in Electrical Engineering, Vol. 3, No. 3, PP. 55-66, Fall 2012.

13) H. Moayedi Rad, **M. Farshad** and M.A. Shamsi Nejad, "Improvement of Speed Profile in Induction Motor Drive Using a New Idea of PWM Pulses Generation Base on Artificial Neural Networks," Intelligent Systems in Electrical Engineering, Vol. 2, No. 4, PP. 35-46, Winter 2012.

14) H. Moayedi Rad, M.A. Shamsi Nejad and **M. Farshad**, "Improvement of Induction Motor Drive Operation in Low and High Speeds Using Rotor Flux Compensation," Journal Iranian Association of Electrical and Electronics Engineers, Vol. 9, No. 2, PP. 59-64, Fall and Winter 2012.

15) M. Hayat Davudi, **M. Farshad**, H.R. Najafi, R. Sedaghati and M. Joorabian, "Adaptive Control of Pitch Angle of Wind Turbine Using Human Brain Mechanism of Emotional Learning," Iranian Journal of Electrical and Electronic Engineering, Vol. 11, No. 1, PP. 11-18, Spring 2013.

16) H. Taherian, S.I. Nazer Kakhki, S.E. Razavi, S.R. Goldani, **M. Farshad** and M.R. Aghaebrahimi, "Application of an Improved Neural Network using Cuckoo Search Algorithm in Short-Term Electricity Price Forecasting under Competitive Power Markets," Journal of Operation and Automation in Power Engineering, Vol. 1, No. 2, PP. 136-146, Summer & Fall 2013.

17) M.R. Khalghani, M.A. Shamsi-Nejad, **M. Farshad** and M.H. Khooban, "Modifying Power Quality's Indices of Load by Presenting an Adaptive Method based on Hebb Learning Algorithm for Controlling DVR," Automatika - Journal for Control, Measurement, Electronics, Computing and Communications, Vol. 55, No. 2, PP. 153-161, June 2014.

18) M.R. Aghaebrahimi, H. Taherian, S.I. Nazer Kakhki, **M. Farshad** and S.R. Goldani, "Short-Term Price forecasting in the electricity market, taking into account the effect of wind units," Intelligent Systems in Electrical Engineering, Vol. 5, No. 1, PP. 105-120, Spring 2014.

19) H. Moayedi Rad, H. Falaghi and **M. Farshad**, "Heuristic Algorithm for Distribution Networks Reconfiguration for Loss Reduction Based on Graph Theory," Journal Iranian Association of Electrical and Electronics Engineers, Vol. 11, No. 1, PP. 59-72, Spring and Summer 2014.

20) H. Chahkandi Nejad, **M. Farshad**, O. Khayat and F. Nowshiravan Rahatabad, "Performance verification of a fuzzy wavelet neural network in the first order partial derivative approximation of nonlinear functions," Neural Processing Letters, Vol. 41, No. 1, February 2015.

21) A. Najafi, **M. Farshad** and H. Falaghi, "A new heuristic method to solve unit commitment by using time variant acceleration coefficients particle swarm optimization algorithm," Turkish journal of electrical engineering and computer sciences, Vol. 23, Issue 2, PP. 354-369, March 2015.

22) K. Dastgerdi, N. Mehrshad and **M. Farshad**, "A New Intelligent Approach to Aircrafts Take-off/Landing Planning at Congested Single Runway Airports," Journal of Soft Computing and Decision Support Systems (JSCDSS), Vol. 2, No. 2, PP. 17-25, April 2015.

23) K. Dastgerdi, N. Mehrshad and **M. Farshad**, "Providing a new method for intelligent landing control at congested airports," Computational Intelligence in Electrical Engineering, Vol. 6, No. 1, PP. 79-90, Spring 2015.

24) F.Z. Zeraatgari, A. Abedi, **M. Farshad**, M. Ebadian and N. Riazi, "Neural Network Analysis of W UMa eclipsing binaries," Contrib. Astron. Obs. Skalnat ́e Pleso, 35, PP. 1-12, 2015.

25) H. Chahkandi Nejad, **M. Farshad**, F. Nowshiravan Rahatabad and O. Khayat, "Gradient-based Back-Propagation Dynamical Iterative Learning Scheme for the Neuro-Fuzzy Inference System," Expert Systems, DOI: 10.111/exsy12131, 2015.

26) M. Zamani Noghabi, M. Ashoori and **M. Farshad**, "Predicting the Price of Tehran Stock Market Using Data Mining Algorithms," Majlesi Journal of Mechatronic Systems, Vol. 4, No. 4, 2015.

27) K. Dastgerdi, N. Mehrshad and **M. Farshad**, "A New Intelligent Approach to for Air Traffic Control using Gravitational Search Algorithm," Accepted by Academy Proceedings in Engineering Science (Sadhana).

28) H. Moayedi Rad, **M. Farshad** and M.A. Shamsi Nejad, "Strengthening and Improving the Performance of Induction Motor Drive Against the Prevalent Changes of Motor Parameters during operation using the intelligent controller based on emotional learning," Accepted by Iranian Journal of Electrical and Electronic Engineering.

B) Conference papers

1) C. Lucas, **M. Farshad**, A. Bahri, and H. Rezaei homami, "ITC – A Novel Intelligent Traffic Control System Design," International Symposium on Automotive Technology and Automation (ISATA), Aachen, Germany, 31st October-4th November 1994.

2) C. Lucas, H. Talebi, **M. Farshad**, and H. Rezaei homami, "An Intelligent Routing System for Automobile Traffic in Tehran," International Symposium on Automotive Technology and Automation (ISATA), Aachen, Germany, 31st October-4th November 1994.

3) A. Fakharian, **M. Farshad** and M.J. Yazdan Panah, "Robust Identification of Nonlinear Systems Using Neural Network Models," 9th Iranian Conference on Electrical Engineering (ICEE 2001), Tehran, Iran, May 8-10, 2001.

4) D. Shahmirzadi, C. Lucas, **M. Farshad**, and R. Pedrami, "Training Neural Network for Modeling the Acoustic Behavior of Switch Reluctance Motor," Joint Seminar of Iran and Armenia, Tehran, Research Center of Theoretical Physics and Mathematics, Research Institute of Intelligent Systems, Spring 2002.

5) A. Kouh Mishi, **M. Farshad** and A. Zare, "Management of Mobile Cellular Systems (Third Generation) Using Fuzzy Logic," 2nd Iranian Conference on Electrical and Electronics Engineering (ICEEE2009), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 2009.

6) M.A. Shamsi Nejad, **M. Farshad**, and H. Moayedi Rad, "A New Method of PWM Pulses Generation in Induction Motor Drive Using Artificial Neural Networks," SPEEDAM 2010 (International Symposium on Power Electronics, Electrical Drives, Automation and Motion), Italy, Pisa, 2010.

7) M. Tourani, H. Falaghi and **M. Farshad,** "A New Method in Placement of Distributed Generation Units in order to Reduce Energy Loss Taking into Account Operation Time of the units," 1st Iranian Conference on Renewable Energies and Distributed Generation (ICREDG2010), March 8-10, Birjand, Iran, 2010.

8) H. Moayedi Rad, **M. Farshad** and H. Falaghi, "Reconfiguration of Medium- Voltage Distribution Networks in order to reduce Ohmic Losses Based on Graph Theory using Kruskal algorithm and the concept of confusion," 15th Electric Power Distribution Conference (EPDC2010), Tehran, Iran, May 4-5, 2010.

9) H. Moayedi Rad, M. Khedri, **M. Farshad** and M.A. Shamsi Nejad, "Neural Control of Induction Motor Based on a New Idea in Generation of switching Pulses Suitable for High and Low Speed Range," 18th Iranian Conference on Electrical Engineering (ICEE 2010), Esfahan, Iran, May 11-13, 2010.

10) H. Moayedi Rad, M.A. Shamsi Nejad and **M. Farshad,** "Retrofitting the Speed Control Drive of Induction Motor Against Stator and Rotor Resistance Changes During Operation Using Artificial Neural Network," 18th Iranian Conference on Electrical Engineering (ICEE 2010), Esfahan, Iran, May 11-13, 2010.

11) S.M. Mazhari, H. Falaghi and **M. Farshad,** "Multi-Stage Locating of Sub-transmission Substations Using a New Heuristic Method," 25th International Power System Conference (PSC2010), Tehran, Iran, November 8-10, 2010.

12) F.Z. Zeraatgari, A. Abedi, M. Ebadian, **M. Farshad**, S. Abasi, M. Mostafai, B. Zarei, F. Akbarian and M. Farahi Nejad, "A Simple Method in Approximation of Some Elements of W UMa-Type Contact Binaries," 4th National Symposium on Astronomy and Astrophysics, Zahedan, Iran, December 29-30, 2010.

13) A. Najafi, H. Falaghi and **M. Farshad,** "Application of Bee Colony Algorithm in the Unit Commitment Problem," 3rd Electric Power Generation Conference (EPGC2011), Mahmoud Abad, Iran, January 21-22, 2011.

14) F.Z. Zeraatgari, A. Abedi, **M. Farshad**, and M. Ebadian, "Applying the Generalized Regeration Neural Network to Determining Some of the Geometric Parameters of W UMa-Type Binaries Systems," 15th Research Meeting on Astronomy, Zanjan, Iran, May 12-13, 2011.

15) F.Z. Zeraatgari, A. Abedi, **M. Farshad**, M. Ebadian, S. Abasi, M. Mostafai, B. Zarei, F. Akbarian and M. Farahi Nejad, "Determining Some of the Geometric Parameters of W UMa-Type Binaries Systems Using Perceptron Neural Network," 15th Research Meeting on Astronomy, Zanjan, Iran, May 12-13, 2011.

16) A. Sabokro, **M. Farshad**, A. Zare and M. sabokro, "Intelligent Multivariable Control of Automobile Air Conditioning System," The 3rd International Conference on Heating, Ventilating and Air Conditioning (ICHVAC-3), 3-5 June 2011, Olympic Hotel, Tehran, Iran.

17) H. Torkamani Noghabi, A. Zare, **M. Farshad** and M. Pariche, "Predicting the Traffic Flow by ANFIS Using a Heuristic Method in Choosing Entries," 3rd Iranian Conference on Electrical and Electronics Engineering (ICEEE 2011), Islamic Azad University - Gonabad Branch, Gonabad, Iran, July 13-14, 2011.

18) Mahshid Maherani, Bahram Karimi and **Mohsen Farshad**, "Fuzzy Control of Nonlinear MIMO Synchronous Turbo Generator," 2011 11th International Conference on Control, Automation and Systems, October 26-29, 2011in KINTEX, Gyeonggi-do, Korea.

19) S. Nasrolahi, A. Sardar Abadi, B. Ghodrati and **M. Farshad,** "long-term load forecasting Using the Time algorithm," 26th International Power System Conference (**PSC2011**), Tehran, Iran, 31 Octoer-2 November, 2011.

20) A. Najafi, **M. Farshad** and H. Falaghi, "A new Heuristic Method to solving the Unit Commitment Problem Based on Particle Swarm optimization Algorithm," 4th Electric Power Generation Conference (EPGC2012), Tehran, Iran, February 14-15, 2012.

21) F. Shafiei, V. Molaei, **M. Farshad**, H. Elyasi, M. Ebadian and M.A. Shamsi Nejad, "Design a fuzzy controller for Energy Management in a Parallel Hybrid Vehicle," 15th Iranian Student Conference on Electrical Engineering (**ISCEE2012**), Kashan, Iran, August 29-31, 2012.

22) M. Akafi Mobarake, R. Shariati Nasab and **M. Farshad**, "Estimation of Switching Over-voltages Related Risk of Failure Considering Altitude Profile," 15th Iranian Student Conference on Electrical Engineering (**ISCEE2012**), Kashan, Iran, August 29-31, 2012.

23) M. Ebrahimian Bidokhti, A. Zare, M. Ebrahimian Bidokhti, **M. Farshad** and M. Mirzade Aval, "Fuzzy Load-Frequency Control of Power System with Nonlinear Model," 4th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2012), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 29-31, 2012.

24) R. Alizade and **M. Farshad**, "Simulating the Dynamic of Electric Train Movement Considering Release Mode," 4th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2012), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 29-31, 2012.

25) R. Alizade and **M. Farshad**, "Reducing the Maximum Tensional Force of Rail Network Using Imperialist Competitive Algorithm," 4th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2012), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 29-31, 2012.

26) V. Molaei, F. Shafiei, **M. Farshad**, M. Ebadian, S. Sahraei and V. Shokri, "Selection and Simulation of the Electric Motor PMBLDC as the Best Electric Drive in the Powertrain of Electric and Hybrid Vehicles," International Conference on Mechanical Engineering and Advanced Technology (ICMEAT2012), Esfahan, Iran, October 11-13, 2012.

27) K. Dastgerdi, N. Mehrshad and **M. Farshad**, "Application of PSO Algorithm on Intelligent Programming of Airplanes Landing," National Conference on transport infrastructures, Tehran, Iran, February 13-14, 2013.

28) S.I. Nazer Kakhki, H. Taherian, S.E. Razavi, **M. Farshad**, S.R. Goldani, and M.R. Aghaebrahimi, "Effect of Wind Farms Generation on Short-Term Prediction of Electricity Price Using the Improved Neural Network," 2nd National Symposium on wind and solar energy, Tehran, Iran, 22 February 2013.

29) E. Pakize Hajiyar, R. Ghazi Zade and **M. Farshad**, "Improvement of Dynamic Channel Allocation Method in Mobile Cell Networks Using Cooperative Reinforcement Learning," 11th Iranian Conference on Intelligent Systems (**ICIS2013**), Tehran, Iran, February 28-29, 2013.

30) S. Vosoughi, **M. Farshad** and A.Vahidian Kamyad, "Adaptive Dynamic Programming Based on Reinforcement Learning to Control the Pitch Angle System of Airplane Using Output Feedback," National Conference on Electrical and Computer Engineering, Sarvestan, Iran, 28 February, 2013.

31) H. Taherian, S.I. Nazer Kakhki, M.R. Aghaebrahimi, **M. Farshad** and S.R. Goldani, "Short-Term Prediction of Price in the Electricity Market Considering the Effect of Wind Units Generation," 3rd Iranian Conference on Renewable Energies and Distributed Generation (ICREDG2013), Esfahan, Iran, April 10-11, 2013.

32) H. Taherian, S.I. Nazer Kakhki, M.R. Aghaebrahimi, **M. Farshad** and S.R. Goldani, "Presenting a Model to Short-Term Prediction of Electrical Load and Price in Smart Grids," 18th Electric Power Distribution Conference (**EPDC2013**), Kermanshah, Iran, 30 April-1 May, 2013.

33) S.I. Nazer Kakhki, H. Taherian, **M. Farshad**, S.R. Goldani and M.R. Aghaebrahimi, "Short-Term Prediction of Electric Market's Price Using Improved Neural Network Based on Genetic and Particle Swarm Optimization Algorithms," 21th Iranian Conference on Electrical Engineering (**ICEE2013**), Mashhad, Iran, May 14-16, 2013.

34) R. Alizade, **M. Farshad** and M. Alizade, "Reduction of Maximum Power Consumption of Rail Network by Combinational optimization of downtime and time Interval," 21th Iranian Conference on Electrical Engineering (**ICEE2013**), Mashhad, Iran, May 14-16, 2013.

35) M. Haji Babaei, M. Hagh Shenas, H. Falaghi and **M. Farshad**, "Optimal Exploitation Management of a Micro-Grid with Multiple Distributed Generation Sources Based on Multi-Purpose MOIABC Method In order to achieve the Objectives of Smart Grids," Smart Grids Conference (SGC2013), Tehran, Iran, December 17-18, 2013.

36) M. Alah Dadi, **M. Farshad** and A. Saberi Noghabi, "Designing an Adaptive Intelligent Neuro-Fuzzy Controller for GASIFIER System," 11th National Symposium on Computer and Intelligent Systems, Kish, Iran, January 25-27, 2014.

37) M. Najari, **M. Farshad** and Gh.R. Alikhani, "Identifying the Estimation System of Number of Admitted Persons in Exams of Galabad's Sisters Vocational Training Center," 8th Symposium on Advance in Science and Technology (SASTech), Mashhad, Iran, 13 February 2014.

38) M. Alah Dadi, **M. Farshad** and A. Saberi Noghabi, "Decoupling the GASIFIER System by Static and Dynamic Methods Using Soft Computing," Regional conference on soft computing techniques in Electrical and Computer Engineering, Safashahr, Iran, 25 February 2014.

39) M. Zamani Noghabi, **M. Farshad** and M. Ashoori, "Predicting the Price of Tehran Stock Market Using Data Mining Algorithms," 6th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2014), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 19-21, 2014.

40) H. Badrsimaei, A. Saberi Noghabi and **M. Farshad**, "Presenting a New Algorithm for Optimal Coordination of Over-Current Relays in Distribution Networks," 1st National Conference on Development of Civil Engineering, Architecture, Electricity and Mechanical in Iran, Gorgan, Iran, 18 December 2014.

41) H. Badrsimaei, O. Maktabdar, S.A. Rafiei and **M. Farshad**, "Dynamic Analysis of Three Phases Hysteresis Synchronous Motor," 1st National Conference on Development of Civil Engineering, Architecture, Electricity and Mechanical in Iran, Gorgan, Iran, 18 December 2014.

42) H. Badrsimaei, A. Saberi Noghabi and **M. Farshad**, "Optimal Coordination of Over-Current Relays at Different Structures of Network Using Linear Optimization Algorithm," 23th Iranian Conference on Electrical Engineering (**ICEE2015**), Tehran, Iran, May 10-14, 2015.

43) F. Mohammad Abadi and **M. Farshad**, "Optimal Multivariable Fuzzy Control of Variable Speed Wind Turbines in Full and Partial Load Using Algorithm PSO," 7th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2015), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 19-20, 2015.

44) F. Mohammad Abadi and **M. Farshad**, "Takagi-Sugeno Multivariable Fuzzy Control of Variable Speed Wind Turbine at partial and full load conditions," 7th Iranian Conference on Electrical and Electronics Engineering (ICEEE 2015), Islamic Azad University - Gonabad Branch, Gonabad, Iran, August 19-20, 2015.