



University of  
Kashan

*In the name of God*  
*Curriculum Vitae (CV) of Dr. Abbas KETABI*



**Name:** Abbas KETABI  
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## Education

- Jan. 97 – Dec. 2001** *Ph.D. in Electrical Engineering (Power)*, Sharif University of Technology, Tehran, Iran, and the Institut National Polytechnique de Grenoble (Grenoble Institute of Technology), Grenoble, France.  
Thesis Title: “**New Approaches for Bulk Power System Restoration**”.  
Thesis grade: ‘Excellent’.
- Sept. 94 - March 96** *M.Sc in Electrical Engineering (Power)*, Sharif University of Technology, Tehran, Iran.  
Thesis Title: “**Reduction of Power System Model for Transient Studies**”.  
Thesis grade: 19 out of 20.
- Sept. 90 - Sept. 94** *B.Sc. in Electrical Engineering (Power)*, Sharif University of Technology, Tehran, Iran.  
Thesis Title: “**Design and Manufacture of Power Supply For Mobile X-Ray Equipment**”.  
Thesis grade: 19.5 out of 20.
- Sept. 86 - Sept. 90** *Diploma in Mathematics and Physics*, Mahmoodihe High School, Kashan, Iran.  
G.P.A.: 18.30 out of 20.

## Academic Experience

<b>Feb.2011-Present</b>	Associate Professor, University of Kashan, Kashan, Iran.	<u>UNDERGRADUATE COURSES TAUGHT:</u> <ul style="list-style-type: none"> <li>• Electric Machines I and II and III</li> <li>• Electric Measurements</li> <li>• Electric Circuits I and II</li> <li>• Electronics I</li> <li>• Industrial Electronics</li> <li>• Fundamental of Electrical Engineering</li> <li>• Relay and Protection</li> <li>• Industrial Electronics</li> <li>• Relays and Protection Lab</li> <li>• Electric Machines Lab</li> <li>• Industrial Electronics Lab</li> </ul>
<b>Jan.2002- Feb.2011</b>	Assistance Professor, University of Kashan, Kashan, Iran.	
<b>May 96 - July 99</b>	Lecturer in Electrical Engineering Dept. at Sharif University of Technology, Tehran, Iran.	
<b>May 96 - July 98</b>	Lecturer in Main Courses of Electrical Engineering, University of Kashan, Kashan, Iran.	<u>GRADUATE COURSES TAUGHT:</u> <ul style="list-style-type: none"> <li>• Power Electronics</li> <li>• Advanced Electric Machinery</li> <li>• Reactive Power Control</li> <li>• Power System Transients</li> <li>• <u>Smart Micro Grids</u></li> </ul>

## Work Experiences

<b>Jul. 2001-Mar. 2014</b>	Chancellor, University of Kashan, Kashan, IRAN.
<b>Jul. 2009-Jul. 2011</b>	Vice Chancellor in Planning and Development Affairs, University of Kashan, Kashan, IRAN.
<b>May 2007-Jul.2009</b>	Head of Faculty Engineering, University of Kashan, Kashan, IRAN.
<b>Jun2004-Sep.2006</b>	Vice Chancellor in Administrative and Financial Affairs, University of Kashan, Kashan, IRAN.
<b>Mar. 2004-Aug.2004</b>	Vice Chancellor in Research Affairs, University of Kashan, Kashan, IRAN.
<b>Aug.2003-Present</b>	Head of Informatics Centre, University of Kashan, Kashan, IRAN.
<b>Aug. 2002 -Mar.2004</b>	Deputy Director of Iran Transformer Research Institute (ITRI), Tehran, Iran.
<b>Feb. 2001– Oct.2001</b>	Researcher in the Laboratoire d'Electrotechnique de Grenoble (LEG) of the Institut National Polytechnique de Grenoble (INPG), Grenoble, France.
<b>Sept. 99 – July 2000</b>	
<b>Aug. 2000-Jan. 2001</b>	Researcher in the Niroo Research Institute(NRI), Tehran, Iran
<b>Dec.97 – Sept. 99</b>	
<b>Oct.94 – Sept. 96</b>	Project of 'Reduction of Power System Transient Model', Ministry of Energy (TAVANIR), Tehran, Iran.
<b>Oct.93 – Sept. 94</b>	Design Engineer in the HELAL-AHMAR Industry Equipment Co. Ltd., Tehran, Iran.

## Honors & Awards

- *Outstanding PhD Student, Dec. 2001, Sharif University of Technology, Tehran, Iran.*
- *Distinguished researcher of University of Kashan, 2002, 2009, 2011, 2012.*
- *Distinguished teacher of University of Kashan, 2009.*
- *Distinguished researcher of province of Isfahan, 2011.*
- *The Best paper award in the 2<sup>nd</sup> National Electrical Engineering Conference, 2010.*

## Research Grant (Funded Research Project)

- *Power System Long –Term Dynamics Simulation, Niroo Research Institute, Ministry of Energy of Iran.*
- *Standing Phase Angle Reduction during Power System Restoration, Sharif University of Technology, Tehran, Iran*
- *Transformer Differential Protection Based on Virtual Third Harmonic Theory, University of Kashan, Kashan, Iran.*
- *Design and Fabrication of Laboratory Prototype of Single Phase Power Active Filter, University of Kashan, Kashan, Iran.*
- *Optimal Location of FACTS Devices in Isfahan Regional Network, Esfahan Regional Electric Company (EREC), Ministry of Energy of Iran.*
- *Scenarios Analysis for Isfahan Regional Network Restoration after total Blackout, Esfahan Regional Electric Company (EREC), Ministry of Energy of Iran.*
- *Design and Fabrication of Laboratory Prototype of Z-Source Inverter For Photovoltaic Grid-Connected, Iran Microelectronics Initiative Council, Vice President for scientific and technological affairs, Iran.*
- *Steady State Modeling and Simulation of FACTS Devices in Power Systems, University of Kashan, Kashan, Iran.*

## Professional Activities

- *Manager and Editorial Board of “Energy: Engineering and Management” Journal, University of Kashan.*
- *Member of Institute of Electrical and Electronics Engineers (IEEE), USA.*
- *Member of Scientific Committee of Iranian Conference on Electrical Engineering, 2007, Iran.*
- *Member of Scientific Committee of Transmission and Distribution Transformer’s Standard, 2002-2003, Iran Transformer Research Institute (ITRI), Tehran, Iran.*
- *Member of Committee of Technology Incubator Center, 2004-2011, University of Kashan.*
- *Articles refereed for IEEE Transactions on Power Delivery, International Journal of Electrical Power & Energy Systems - Elsevier, International Transactions on Electrical Energy Systems (ETEP) - Wiley, Electric Power Components and Systems - Taylor & Francis, International Journal of Emerging Electric Power Systems, Applied Soft Computing – Elsevier, Journal of Power Electronics (JPE)-Korea, Energy Conversion and Management- Elsevier, IEEE Transactions on Smart Grid.*
- *Founding Member of Feiz Institute of Higher Education, Kashan, Iran.*
- *Member of Engineering Committee of Iran National Science Foundation (INSF), Sep.2011-present, Vice President for scientific and technological affairs, Iran.*

## Publications

### Books

	Title	Publisher	Publication year
1	<b>Power Electronics: Elements, Circuits and Application</b> (in Persian)	University of Kashan	1 <sup>st</sup> Edition: 2008 2 <sup>nd</sup> Edition:2010
2	<b>Instantaneous Power Theory and Applications to Power Conditioning</b> (Translated into Persian)	University of Kashan	2011
3	<b>Electric Power Systems Simulation Using MATLAB</b> (in Persian)	Morsal Publications & Feiz Institute of Higher Education Publications	1 <sup>st</sup> Edition:2011 2 <sup>nd</sup> Edition:2012 2 <sup>nd</sup> Edition:2014
4	<b>Switching Overvoltages during Restoration: Evaluation and Control Using ANN</b> (in English)	LAP LAMBERT Academic Publishing, Köln, Germany	2012

## Journal Papers

	<b>Authors</b>	<b>Title</b>	<b>Journal</b>	<b>Publication year</b>	<b>No.</b>	<b>pp.</b>	<b>Index</b>
1	A. Ketabi, M.J. Navardi	<b>Optimization of Variable-Capacitance Micromotor Using Genetic Algorithm</b>	Journal of Micro-Electromechanical Systems (IEEE)	2011	2	497-504	ISI
2	A. Ketabi, Sadeghkhni,I. R.Feuillet	<b>Using Artificial Neural Network to Analyze Harmonic Overvoltages during Power System Restoration</b>	European Transactions on Electrical Power (Wiley)	2010	1	1-13	ISI
3	A. Ketabi, M. Naseh	<b>Single Phase Transformer Modeling for Inrush Currents Simulation Using Differential Evolution</b>	European Transactions on Electrical Power (Wiley)	2012	22	402-411	ISI
4	A. Ketabi, A. Alibabae R. Feuillet	<b>Application of the Ant Colony Search Algorithm to Reactive Power Pricing in an Open Electricity Market</b>	International Journal of Electrical Power & Energy Systems (Elsevier)	2010	6	622-628	ISI
5	A. Ketabi, M.J. Navardi	<b>Optimization Shape of Variable Capacitance Micromotor Using Differential Evolution Algorithm</b>	Mathematical in Problems Engineering	2010	1	1-15	ISI
6	A. Ketabi, R. Feuillet	<b>Algorithm Search Colony Ant Startup Generators Optimal for System Power during Restoration</b>	Mathematical in Problems Engineering	2010	1	1-11	ISI
7	A. Ketabi, M. Khoshkholgh	<b>Power System Analysis for Nonsinusoidal Steady State Studies Based on Wavelet</b>	Journal of Iranian Association of Electrical and Electronics Engineers	2009	2	31-40	ISC
8	A. Ketabi, M. Khoshkholgh R. Feuillet	<b>A New Approach to Nonsinusoidal Steady- State Power System Analysis</b>	Mathematical in Problems Engineering	2009	1	1-18	ISI
9	A. Ketabi, I.Sadeghkhni,. R.Feuillet	<b>Overvoltages Study during Three-Phase Transformer Energization Using Artificial Neural Network</b>	International Review of Electrical Engineering	2010	1	1-9	ISI
10	I.Sadeghkhni,. A. Ketabi, R.Feuillet	<b>Artificial Neural Network based Analyze Transient Approach to Over-voltages during Capacitor Banks Switching</b>	International Journal of Computer Applications (IJCA)	2011	2	5-11	-

11	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Control Of Shunt Reactor Overvoltages By Controlled Switching During Power System Restoration</b>	Journal of Circuits, Systems, and Computers (World Scientific)	2012	7	1-15	ISI
12	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Artificial Neural Network Based Method to Mitigate Temporary Over-voltages</b>	Majlesi Journal of Electrical Engineering	2011	3	15-23	ISC
13	A. Ketabi, S.A. Hosseini	<b>A New Method for Optimal Harmonic Meter Placement</b>	American Applied Science	2008	11	1499-1505	-
14	N. Moezi, D. Dideban A. Ketabi,	<b>A Novel Integrated SET based Inverter for Nano Power Electronic Applications</b>	American Applied Science	2008	3	219-222	-
15	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>New Approach to Standing Phase Angle Reduction for Power System Restoration</b>	European Transaction on Electrical Power (Wiley)	2002	12	301-308	ISI
16	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>A New Method for Load Steps Calculation during Power System Restoration</b>	Scientia Iranica, International Journal of Science and Technology	2002	4	328-335	ISI
17	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>Analysis and Control of Temporary Overvoltages for Automated Restoration Planning</b>	IEEE Transactions on Power Delivery	2002	4	1121-1127	ISI
18	M.Vakilian, A. Ketabi	<b>A Method for Reduction of Power System Transient Model</b>	BARGH Magazine	1998	24	91-101	ISC
19	A. Ketabi, I.Sadeghkhni, R.Feuillet	<b>Switching Overvoltages Analysis during Shunt Reactor Energization Using ANN</b>	Engineering Intelligent Systems	2012	4	223-233	ISI
20	A. Ketabi, M.J. Navardi	<b>Optimization Shape of Variable Capacitance Micromotor Using Seeker Optimization Algorithm</b>	Journal of Electrical Engineering & Technology(JEET)	2012	2	212-220	ISI
21	Ketabi,.A R Sheibani,..M M Nosratabadi .S	<b>Power Quality Meters Placement Using Seeker Optimization Algorithm for Harmonic State Estimation</b>	International Journal of Electrical Power & Energy Systems (Elsevier)	2012	43	141-149	ISI
22	Ketabi,.A M Nosratabadi .S R Sheibani,..M	<b>Optimal PMU Placement with Uncertainty Using Pareto Method</b>	Mathematical in Problems Engineering	2012	1	1-14	ISI
23	A .ketabi, A.Yazdekhasti	<b>Active and reactive power control of DFIG wind turbines by OCC method</b>	Journal of Energy, Engineering & Management	2012	2	1-10	ISC
24	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Study of Transformer Switching Overvoltages during Power System Restoration Using Delta-Bar-Delta and Directed Random Search Algorithms</b>	International Journal of Emerging Electric Power Systems	2012	3	1-22	Scopus

25	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Delta-Bar-Delta and Directed Random Search Algorithms to Study Capacitor Banks Switching Overvoltages</b>	Serbian Journal of Electrical Engineering	2012	2	217-229	-
26	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>An Approach to Evaluate Switching Overvoltages during Power System restoration</b>	Serbian Journal of Electrical Engineering	2012	2	171-187	-
27	A. Ketabi, I.Sadeghkhni, R.Feuillet	<b>Network Switching and Voltage Evaluation During Power System Restoration</b>	Electrical Engineering (Springer)	2013	2	241-253	ISI
28	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Radial Basis Function Neural Network Application to Power System Restoration Studies</b>	Computational Intelligence and Neuroscience	2012	1	1-10	Scopus
29	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Radial Basis Function Neural Network Application to Measurement and Control of Shunt Reactor Overvoltages based on Analytical Rules</b>	Mathematical in Problems Engineering	2012	1	1-14	ISI
30	I.Sadeghkhni, A. Ketabi,	<b>Mitigation of Shunt Reactor Overvoltages Using Delta-Bar-Delta and Directed Random Search Algorithms</b>	PRZ ELEKTROTECHN I CZN (Electrical Review)	2012	12a	269-274	ISI
31	A. Ketabi, M. Farshadnia, M. Malekpour R.Feuillet	<b>A New Control Strategy for Active Power Line Conditioner (APLC) Using Adaptive Notch Filter</b>	International Journal of Electrical Power & Energy Systems (Elsevier)	2013	47	31-40	ISI
32	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>The Study of Switching Overvoltages under Power System Restoration Scenario Using Extended Delta-Bar-Delta Algorithm</b>	International Journal of Emerging Electric Power Systems	2013	3	219-230	Scopus
33	I.Sadeghkhni, A. Ketabi, R.Feuillet	<b>Investigation of Transmission Line Models for Switching Overvoltages Studies</b>	International Journal of Emerging Electric Power Systems	2013	3	231-238	Scopus
34	A. Ketabi, M.J. Navardi	<b>Efficiency Improvement and Torque Ripple Minimization of Switched Reluctance Motor Using FEM and Seeker Optimization Algorithm</b>	Energy Conversion and Management (Elsevier)	2014	78	237-244	ISI

## Conference Papers

	<b>Authors</b>	<b>Title</b>	<b>Conference</b>	<b>Publication year</b>
1	M.Rezvani A. Ketabi	<b>DG sitting and sizing in power system using DE Algorithm</b>	Proceedings of 20 <sup>th</sup> Iranian Conference on Electrical Engineering	2012
2	Sadeghkhanian, I. Ketabi, A.	<b>A New Method for Harmonic overvoltages reduction during transformer energization by controlled switching</b>	Proceedings of 26 <sup>th</sup> International Power System Conference, PSC'2011	2011
3	A .ketabi, A.Yazdekhasti	<b>DFIG wind turbines control by OCC method</b>	Proceedings of 26 <sup>th</sup> International Power System Conference, PSC'2011	2011
4	A. Ketabi, M. Naseh	<b>Transformer Hysteresis Model Parameters Determination Using Search Optimization Algorithm</b>	Proceedings of 18 <sup>th</sup> Iranian Conference on Electrical Engineering	2010
5	A. Ketabi, M. Naseh	<b>Three Phase Active Power Filter Control using One Cycle Control Method</b>	Proceedings of 18 <sup>th</sup> Iranian Conference on Electrical Engineering	2010
6	A. Ketabi, M. Naseh	<b>Single Phase Transformer Modeling for Inrush Currents Simulation Using Search Group Algorithm</b>	Proceedings of 18 <sup>th</sup> Iranian Conference on Electrical Engineering	2010
7	A. Ketabi, M.R Sheibani, S.M Nosratabadi	<b>Power Quality Meters Placement Using DE Optimization Algorithm for Harmonic State Estimation</b>	Proceedings of 25 <sup>th</sup> International Power System Conference, PSC'2010	2010
8	Ketabi, A Sadeghkhanian, I. .	<b>Harmonic Overvoltages Analysis of Three Phase Transformer during Power System Restoration</b>	Proceedings of 25 <sup>th</sup> International Power System Conference, PSC'2010	2010
9	Ketabi, A Sadeghkhanian, I. .	<b>Efficiency Optimization of Three Phase Induction Machines based on Connection change of Stator Windings</b>	Proceedings of 2 <sup>th</sup> Iranian National Electrical Engineering Conference	2010
10	Ketabi, A Shahani,M. .	<b>Optimal Generators Startup during Power System Restoration Using PSO Algorithm</b>	Proceedings of 24 <sup>th</sup> International Power System Conference, PSC'2009	2009
11	A. Ketabi, M. Naseh	<b>Transformer Hysteresis Model Parameters Determination Using Intelligent Optimization Algorithm</b>	Proceedings of 24 <sup>th</sup> International Power System Conference, PSC'2009	2009
12	A. Ketabi, M. Khoshkholgh	<b>Analysis of Nonsinusoidal Steady State Studies of Power System Based on Wavelet</b>	Proceedings of 17 <sup>th</sup> Iranian Conference on Electrical Engineering	2009
13	S.A. Hosseini , A. Ketabi,	<b>Identification of harmonic sources in Distribution systems using singular value decomposition</b>	Proceedings of 23 <sup>th</sup> International Power System Conference, PSC'2008	2008
14	A. Ketabi, A. Alibabae	<b>Reactive Power Pricing By the Ant Colony Search Algorithm</b>	Proceedings of 15 <sup>th</sup> Iranian conference on Electrical Engineering	2007
15	A. Ketabi, S.A. Hosseini	<b>A New Method for Optimal Harmonic Meter Placement Using Genetic Algorithm</b>	Proceedings of 22 <sup>th</sup> International Power System Conference, PSC'2007	2007
16	Sadeghkhanian, I. Ketabi, A. Feuillet, R.	<b>Estimation of Temporary Overvoltages during Power System Restoration using Artificial Neural Network</b>	15 <sup>th</sup> International Conference on Intelligent System Applications to Power Systems, 2009, ISAP '09.	2009
17	Sadeghkhanian, I. Ketabi, A.	<b>New Approach to Harmonic Overvoltages Reduction during</b>	15 <sup>th</sup> International Conference on Intelligent System Applications to Power Systems, 2009, ISAP '09.	2009



	Feuillet, R.	<b>Transformer Energization via Controlled Switching</b>		
18	Ketabi, A. Nosratabadi, S.M Sheibani, M.R	<b>Optimal PMU Placement Based on Mean Square Error Using Differential Evolution Algorithm</b>	Power Quality Conference (PQC)	2010
19	Ketabi, A. Hadidi, A.R.	<b>New method for inrush current mitigation using series voltage-source PWM converter for three phase transformer</b>	Power Electronics, Drive Systems and Technologies Conference (PEDSTC)	2011
20	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>Development of an Expert System for Power System Restoration Using Finite State Machine Concepts</b>	Proceedings of 15 <sup>th</sup> International Power System Conference, PSC'2000	2000
21	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>An Approach for Optimal Units Start-up during Bulk Power System Restoration</b>	Proceedings of LESCOPE'01 (2001 Large Engineering Systems Conference on Power Engineering)	2001
22	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>Application of Finite State Machines Concepts for Scheduling of Generic Restoration Actions.</b>	Proceedings of 35 <sup>th</sup> University Power Engineering Conference (UPEC'2000)	2000
23	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>Long –Term Dynamics Simulation for Power System Restoration</b>	Proceedings of 14 <sup>th</sup> International Power System Conference, PSC'99	1999
24	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>A new method for dynamic calculation of load steps during power system restoration</b>	Proceedings of IEEE/CCECE,	2000
25	A. Ketabi, A.M. Ranjbar, R.Feuillet	<b>Long –Term Dynamics Evaluation in Restoring Customer Loads</b>	Proceedings of the American Power Conference (APC'00), 62 <sup>st</sup> Annual Meeting	2000
26	A. Ketabi, A.M. Ranjbar,	<b>New Approach to Standing Phase Angle Reduction for Power System Restoration</b>	Proceedings of IEEE Budapest Power Tech'99 conference,	1999
27	A. Ketabi, N. Sadati	<b>Using Neural Network for Robust Control of Induction Motors</b>	Proceedings of 7 <sup>th</sup> Iranian conference on Electrical Engineering	1999
28	A. Ketabi M.Vakilian	<b>Single port Power System Reduction for Transient Studies</b>	Proceedings of 10 <sup>th</sup> International Power System Conference, PSC'95	1995
29	A. Ketabi M.Vakilian	<b>A Method for Reduction of Power System Transient Model</b>	Proceedings of 1999 IEEE/PES Transmission and Distribution Conference,	1999
30	Aliabadi, S.F. ; Mohammadi, H. ; Ketabi, A. ; Motiee Rad, S.M.	<b>A New Method for Load Sharing Among Distributed Generation Resources</b>	Power Electronics, Drive Systems and Technologies Conference (PEDSTC)	2013

## Masters Theses Supervision

	THESIS TITLE	STUDENT	YEAR
1	<i>Optimal Power Flow for Deregulated and Distributed Power System using Ant Colony Algorithm</i>	Ahmad, Alibabae	2007
2	<i>Steady State Modeling and Simulation of Power System by Wavelet</i>	Mohammad, Khoshkholgh	2007
3	<i>Identification of harmonic sources in Distribution systems</i>	Seyyed Ahmad, Hoseini	2007
4	<i>Integrated SET based Inverter for Nano Power Electronic Applications</i>	Neghin, Moezzi	2008
5	<i>Using Neural Network for Harmonic Resonant Overvoltages Analysis during Power System Restoration</i>	Iman, Sadeghkhan	2009
6	<i>Modeling and Simulation of Variable Capacitance Micromotor by FEM</i>	Mohammad Javad, Navardi	2009

7	<i>Magnetizing and Single Phase Transformer Modeling for Inrush Currents Simulation Using Intelligent Methods</i>	Mojtaba, Naseh	2010
8	<i>Using PSO Algorithm for Optimal Units Start-Up during Bulk Power System Restoration</i>	Masih, Shahani	2010
9	<i>A New Method to Discriminate Between Inrush Current and Internal Fault in Power Transformers</i>	Hadi, Shafiei	2010
10	<i>Power Systems Restoration With Dispersed Generation</i>	Mohsen, Kelantarizadeh	2010
11	<i>Long-Term Dynamic Simulation during Power System Restoration</i>	Majid, Majid, Mahmoodvand	2009
12	<i>Power Quality Meters Placement for Harmonic State Estimation Using Seeker Optimization Algorithm</i>	Mohammad Reza, Sheibani	2011
13	<i>Optimal PMU Placement for Power System State Estimation</i>	Seyyed Mostafa, Nosratabadi	2011
14	<i>Active and reactive power control of DFIG wind turbines by OCC method</i>	Ali, Yadkhasti	2011
15	<i>MPPT of Wind PMSG Turbine Using Fuzzy Logic Controller</i>	Masod, Moradi	2011
16	<i>Design and Fabrication of Laboratory Prototype of Three Level Inverter Using SHM-PWM Method</i>	Mohammad Ali, Saryar	2011
17	<i>Voltage Dip Source Location in Power Systems</i>	Zeinab, Massah	2011
18	<i>Optimal Passive Harmonic Filter Siting and Sizing in Distribution Network</i>	Ahmad, Moetamedi	2011
19	<i>Reactive Power Programming for Power Systems Using DE Algorithm</i>	Seyyed Jalil, Rezazadeh	2011
20	<i>Optimal Coordination of Overcurrent Relays in Industrial Power System using Differential Evolution (DE) Optimization method</i>	Samaneh, Kivanipour	2011
21	<i>Optimization of Capacity and Operation for CHP System Using Intelligence Algorithms</i>	Mahshid, Karim	2012
22	<i>Load Sharing in Parallel Inverter for Nonlinear Loads</i>	Saber, Falahati	2012
23	<i>Inrush Current Suppressor for Transformers Using a Series-Connected Voltage Source PWM Converter</i>	Ali Reza, Hadidi	2011
24	<i>MPPT for Grid Connected Photovoltaic by OCC Method</i>	Tabatabaee	2012
25	<i>Multiple Propose Passive Filter Design for Power Quality Improvement for Nonlinear and Unbalanced Loads</i>	Rezvani	2012
26	<i>Load Sharing in Parallel Inverter for Unbalanced Loads</i>	Mehdi, Zeraati	2012
27	<i>Optimum DG Sizing and Siting using Pareto-DE Algorithm</i>	Majid, rezvani	2011
28	<i>Power Control Design of Composite Energy Storage System in a Microgrid with DG</i>	Saeed, Ghaffari Moghaddam	2013
29	<i>Conceptual Design, Modeling and Simulation of SMES in Power Systems</i>	Seyyed Masood, Motieerad	2013
30	<i>Underfrequency load shedding to prevent power system blackout</i>	Masood, Hajakbari	2013
31	<i>A New Method To Protect Microgrid With Distributed Generation Source</i>	Mojtaba, Molavi	2013
32	<i>Intelligent Control System Design of micro-grids with distributed generation resources</i>	Gholamhosein, Namazifard	2013