

Curriculum Vita

Personal Data

Name: Seraj Dean Katebi
Date of Birth: June-20-1948
Status: Married
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Profession: University Professor

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Education:

Ph.D: 1976, Computer Aided Design of Nonlinear Control Systems, Department of Electrical and Electronic Eng. Control Systems Centre, University of Manchester Institute of Science and Technology (UMIST), England.

M.Sc: 1974, Theory and practice of Automatic Control, Department of Electrical and Electronic Eng. Control Systems Center, University of Manchester Institute of Science and Technology (UMIST), England.

B.Sc: 1971, Honors degree in Computer Systems Engineering, Coventry University of Technology, Coventry, England.

Full Time Employment:

Assistant Professor: 1976- 1982, Faculty of Management and Informatics, **Shahid Beheshti** (National) University of Iran.

Assistant Professor: 1983-1988, Department of Computer Science&Engineering, School of Eng. **Shiraz University**, Iran.

Associate Professor: 1989-1994, Department of Computer Science&Engineering, School of Eng. **Shiraz University**, Iran.

Visiting Associate Professor: (Sabbatical leave), 1989-1990, Department of Electrical and systems Engineering, School of Engineering, **Oakland University, Michigan, USA.**

Visiting Professor: (Sabbatical leave), 1998-1999 Department of Electrical Engineering, Industrial Control Centre **Strathclyde University, Glasgow Scotland UK.**

Visiting Professor: (Sabbatical leave), 2000-2001 Department of Control Engineering, **Aalborg University, Denmark,**

Professor: 1995-2008, Department of Computer Science&Engineering, School of Eng. **Shiraz University**, Iran.

Retired Professor: 2008, Department of Computer Science&Engineering, School of Eng. **Shiraz University**, Iran.

Other Teaching Experience:

Islamic Azad University (Najaf Abad (M.Sc Courses), Bosheher (M.Sc Courses), Zarghan, Jahrom, (B.Sc. Courses)).

Peyam Noor University (undergraduate and graduate), **Andesheh Non profitable University**, (undergraduate), Jahrom.

Islamic Azad University, Zarghan Branch Zaghan, 1386-present, Teaching Undergraduate and graduate courses.

Experiences:

i) *Teaching:*

Undergraduate courses: Linear Systems and Control, Real-time systems, Industrial Control, Process control, Electronics, Digital Systems and logic circuits, Signal and systems, engineering mathematics, Computer architecture, Computer programming, Numerical Methods, Computer Simulation, computer networks, Artificial Intelligent.

Graduate (M.Sc & Ph.D) Courses: Computer control systems, Expert and knowledge base systems, neural networks, Fuzzy sets and Systems, Digital Control Systems, Stochastic processes, Fuzzy control and algorithms, Robotics, pattern recognition, Evolutionary Computation, machine learning, Digital Signal processing, Digital Image processing, Advanced theory in learning, Advanced Artificial Intelligent .

Supervised over 40 M.Sc. students and member of 35 M.Sc.thesis committee.

Supervised over 6 PhD. students and member of 16 PhD.thesis committee.

Currently supervising 4 M.Sc. and 2 PhD. Students.

ii) *Research:*

Projects and Grants;

- i) Katebi S. D. ``Computer Aided Design of Nonlinear Feedback Control Systems'', Research Grant # 67-EN-504-267, Shiraz University Research Consul, 1989-1991.
- ii) Katebi S. D. `` Detection and Identification of Fault In Dynamic System'', Research Grant # 70-EN-656-351, Shiraz University Research Consul, 1991-1993.
- iii) Katebi S. D. ``Design and Analysis of Adaptive Fuzzy Control Systems.'', Research Grant # 72- EN-805-448, Shiraz University Research Consul, 1993-19895.
- iv) Katebi S. D. ``Application of Evolutionary Computation to Design and Analysis and synthesis of Non-linear Control Systems.'', Research Grant # 80- EN-1458-c170, Shiraz University Research Consul, 2001-2003.

Joint Projects and Grants.

- i) Katebi S D and Jahanmire A H., `` Implementation of Fuzzy Control of multi-point Distillation Column'', Research Grant # 73-EN-858-499, Shiraz University Research Consul, 1994-19897.
- ii) Habibaghahi Gh and Katebi S D, `` Evaluation of Liquefaction potential using Neural Networks'', Research Grant. #74-EN-872-508, Shiraz University Research Consul, 1994-19896.

- iii) Kheir N. Katebi S. D `` Data base design for engineering systems" Sabbatical grant, visiting Professor, at the Department of Electrical and Systems Engineering, School of Engineering, Oakland University, Rochester, Michigan, USA.
- v) Katebi S. D. and M. Zolghdri Jahromi `` Detection, localisation and Identification of Fault In Dynamic System: based on Artificial Intelligence techniques", Research Grant # 70-EN-656-351, Shiraz University Research Consul, 1991-1993.

Publications:

i) Journals;

1- Katebi, S. D., and Katebi, M. R., 1987.

`` A Combined Frequency and Time Domain Technique for Design of Compensator for nonlinear Feedback Systems. ", Inter. Journal Of Systems Science, vol 18, no 11.(ISI)

2- Katebi, S. D., and Azarakhsh, M., 1988.

`` Computer Based Method for the Analysis and Design of a Class of Nonlinear Feedback Systems ", Iranian Journal of Science. and Technology, vol. 12, no 2.(ISI)

3- Katebi, S. D., 1989.

`` A Numerical Design Technique For Relay-type Feedback Control Systems ", Journal of Engineering, Islamic Republic of Iran, vol. 2, no. 1.

4- Katebi, S. D., 1991.

`` A Robust Control System Design for Discrete-time Systems ", Journal of Engineering, Islamic Republic of Iran, vol. 4, nos. 1 & 2.

5- Katebi, S. D., 1991.

`` A Computer Aided Design for an Automotive Engine ", Iranian Journal Science and technology, vol. 16, no. 1.(ISI)

6- Katebi, S. D. and Katebi, M. R., 1992

`` Two Spectral Analysis based approaches for Detection and Identification of Failure In Control Systems ", Iranian Journal of Science and Technology, vol. 16 no. 2 & 3.(ISI)

7- Katebi, S. D., 1993.

`` A Fault Accommodating Control System Design ", International Journal of Systems Science, vol. 19, no. 3.(ISI)

8- Katebi, S. D., and Katebi, M. R. 1993.

`` Control Design For Multivariable Nonlinear Systems ", Journal of Systems Analysis-Modelling-and Simulation, (SAMS), vol. 15, pp 13-37.1994.(ISI)

.

9- Katebi, S. D, 1994.

`` Cursive Text Character Recognition: Using Hamming Neural Nets", Engineering Journal of Qatar, vol. 7.

10- Katebi, S. D., and M. Makrehchi 1995.

`` On Design of a class of Multivariable Fuzzy Control Systems", Iranian J Science and Technology, vol. 25, no. 3.(ISI)

11- Katebi, S. D. and Makrehchi, M. 1995.

-
- `` Modelling and control of Multivariable Fuzzy Systems", Journal of System Science, vol. 21, no. 4.(ISI)
- 12- Habibaghahi Gh. and Katebi, S. D., 1995.
`` Rock Mass Classification using Fuzzy Sets"., Iranian J Science and Technology, vol 27., no. 1.(ISI)
- 13- Katebi, S. D. 1996.
`` Fuzzy Model Identification of Multivariable Fuzzy Rules Using Genetic Algorithms", Engineering Journal of Qatar, vol. 21.
- 14- Katebi S. D. 1996.
`` Image Compression based on Fuzzy Segmentation, Classification and Hadamard Transform", Engineering Journal of Qatar, vol. 21.
- 15- Jahanmiri A. H., Katebi S. D. 1998
"A Neuro Control Design using Fuzzy Credit assignment: Based on reinforcement learning." Iranian J of Science and Technology, Vol 22 No.3 .(ISI)
- 16- G. Habibagahi, S. Katebi .2000.
"A neural network framework for unsaturated soils" edt. H. Rahardjo & E. C. Leong, A. A. Blakema. Rotterdam.
- 17- Roozbeh Izadi-Zamanabadi, Mogen Blanke, Serajeddin Katebi. 2003.
"Cheap diagnosis using structural Modelling and Fuzzy-Logic-based detection" Control Engineering Practice , Elsevier, VOL (11) PP415-422.(ISI)
- 18- M. Meidani, G. Habibagahi and S. Katebi, 2004.
"An aggregated Fuzzy Reliability Index for Slope Stability Analysis" Iranian Journal of Fuzzy Systems, Vol.1, No 1 pp17-31.(ISI)
- 19- M.Efthgari, S. D. Katebi, 2006.
"Evolutionary search for limit cycle and control design for multivariable control systems" Asian Journal of Control, vol.8, no4. 2006.(ISI)
20. M.Efthgari, B. Daei and S. D. Katebi, 2006.
"Gradient based Ant colony optimization for continuous spaces" Esteghlal Journal of Engineering, Isfahan University of Technology, Vol.25, No.1.
- 21- M.M. Haji, S.D. Katebi, 2006.
" Machine Learning Approaches to Text Segmentation" Scientia Iranica , vol.13, no.4, Sharif University of Technology.(ISI)
- 22- M. Haji, S. D. Katebi, 2006.
" An effecient text segmentation technique based on Naive Bays classifier" Int. J. On Graphic, Vision and Image, Vol(5), Issue(7),pp21-30. (ISI)
- 23- M. Eftekhari, M. J. Zolghadri and S. D. Katebi, 2006.

” New Criteria for Rule Selection in Fuzzy Learning Classifier Systems.”, Iranian Journal of Fuzzy Systems, Vol3, No 1.(ISI)

24- M. Sabeti, R Boostani, S. D. Katebi, G. W. Price, 2007.

“Selection of relevant Features for EEG Signal Classification for Schizophrenic Patients”, Biomedical Signal processing and control, Vol2. Iss 2, PP 122-134, Elsevier.(ISI)

25- Eghbal G. Mansoori, Mansoor J. Zolghadri, Seraj D. Katebi,2007.

”A weighting function for improving fuzzy classification systems performance” Fuzzy Sets and Systems 158 (2007) 583. (ISI)

26- E. G. Mansoori, M.J. Zolghadri and S. D. Katebi, 2007.

” Using distribution of data to enhance performance of fuzzy classification Systems” Iranian Journal of Fuzzy Systems” Vol.4,No.1, Iran.(ISI)

27- E. G. Mansoori, M.J. Zolghadri and S. D. Katebi, 2007.

” SGERD: A Steady-state Genetic Algorithm for Extracting Fuzzy Classification Rules from Data” IEEE TRANSACTION ON FUZZY SYSTEMS, Vol. 16:, Issue: 4 Aug 2008.(ISI)

28- M. Eftekhari, S. D. Katebi, 2007.

” Extracting compact fuzzy rules for nonlinear system modelling using subtractive clustering, GA and unscented filter”. Applied Mathematical Modelling. Vol. 32, Issue 12, December 2008 , Elsevier.(ISI)

29- M. Eftekhari, S. D. Katebi, 2007. ” Extracting compact fuzzy rules for nonlinear system modeling using subtractive clustering, GA and unscented filter”. Applied Soft Computing, Vo 8. No 1, Jan. 2008, Elsevier.(ISI)

30. M. Eftekhari, S. D. Katebi, M. Karimi, A. H. Jahanmiri, 2008.

” Eliciting Transparent Fuzzy Model Using Differential Evolution” , Applied Soft Computing (8), 2 (466-476), Elsevier. (ISI)

31-Zahadat, P., S. D. Katebi, 2008. ” Tartarus and Fractal Gene Regulatory networks with input”. Advances in Complex systems. Vol. 11 No. 6 (2008) 803-829, World Scientific Pub. Comp.(ISI)

32- M. Katebi, Hissam Tawfik and S.D. Katebi. 2009. “ Limit Cycle Prediction Based on Evolutionary Multi Objective Formulation”. Mathematical Problems in Engineering, Hindawi Publishing Corporation Volume 2009, Article ID 816707, 17 pages, doi:10.1155/2009/81670. (ISI)

- 33- M. Sabeti, S. D. Katebi, R. Boostani 2009. "Entropy and complexity measures for EEG signal classification of schizophrenic and control participants", *Artificial Intelligence in Medicine*, No. 47, Vol2, Press, Elsevier.(ISI)
- 34- E. G. Mansoori, M.J. Zolghadri and S. D. Katebi, 2009." Protein Superfamily Classification Using Fuzzy Rule-based Classifier". *IEEE TRANSACTIONS ON NANOBIOSCIENCE*, VOL. 8, NO. 1, 2009.(ISI)
- 35- Sa. Shekarpour, M. Katebi, S. D. Katebi, 2009. " A Trust Model For Semantic Web", *International Journal of Simulation-Systems, Science and Technology*, Vol. 10., No. 1-B. A Publication of the United Kingdom Simulation Society. (ISI)
- 36- Sa. Shekarpour, S. D. Katebi, 2009. "Modeling and Evaluation of Trust with an Extension In Semantic Web" *Journal of Semantic Web.*, Vol 7, issue 8, Elsevier.(ISI)
- 37- M. Sabeti, S.D. Katebi, R. Boostani, G.W. Price, 2010. A new approach for EEG signal classification of schizophrenic and control participants., *Expert Systems with Applications.*, Volume 38, Issue 3, March 2011, Pages 2063-2071, Elsevier.(ISI)
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- 39- Sabeti M, Moradi E, Katebi S., 2011, Analysis of neural sources of p300 event-related potential in normal and schizophrenic participants. *Advances in experimental medicine and biology*. 2011;696:589-97.(ISI)
- 40- F. Moayyedi, R. Boostani, A. Kazemi, S. D. Katebi, "Subclass Fuzzy-SVM Classifier as an Efficient Method to Enhance The MASS Detection in Mammograms", *Iranian Journal of Fuzzy Systems*, Vol. 7, No. 1, pp. 15-31, Feb. 2010 (ISI)
- 41- F. Moayedi, Z. Azimifar, R. Boostani, S.D. Katebi, "Contourlet-Based Mammography Mass Classification Using The SVM Family", *Elsevier Journal of Computers in Biology and Medicine*, Volume 40, Issue 4, April 2010, Pages 373-383 (ISI)

ii) Conferences

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`` On Design of a class of Multivariable Nonlinear Systems ", Proc. IFAC conf. on CAD Zurich.

2- Katebi, S. D., 1985.

`` On the design of a class of Nonlinear Multivariable Feedback Control Systems. ", Proc. 4th. Inter. Conf. on Systems Engineering, Coventry, England.

3- Katebi, S. D., and Katebi, M. R., 1987.

`` A New Method of Limit Cycle Prediction in Nonlinear Control Systems. ", Proc. of 10th World Congress on Automatic Control, vol. 8, Munich, Germany.

4- Katebi, S. D., and Katebi, M. R., 1988.

, `` Limit Cycle Prediction in Multivariable Nonlinear Control Systems ", Proc., 6th. Inter. Conf. on Systems Engineering, Coventry, England.

5- Katebi, S. D., and Katebi, M. R., 1988.

" Combined Frequency and Time Domain Techniques for Design of Compensator for Multivariable Nonlinear Control Systems", Proc., American Control Conf., Georgia, USA.

6- Katebi, S. D., 1989.

`` Harmonic Distortion Effects In Multivariable Nonlinear Feedback Control Systems ", Proc., Inter. Conf. on Sys. Sci, Wroclow, Poland.

7- Katebi, S. D., and Prof. Kheir, N. A., 1990.

`` On the Design of Digital Controllers for Nonlinear Discrete-time Systems ``", Proc., 7th. Inter. Conf. on Systems Engineering, Las Vegas, Nevada, USA.

8- Barkesseh, M. N., Katebi, S. D., and Kheir, N. A., 1990.

`` A Simulation Study of an Optimal Flow in an Electric Network ", Proc., 7th. Inter. Conf. on Systems Engineering, Las Vegas, Nevada, USA.

9- Katebi, S. D., and Katebi, M. R., 1991.

`` Towards the Design of Nonlinear Multivariable Systems with Linearization Uncertainty ", Proc., Eight Inter Conf. On Systems Engineering, Coventry, England.

10- Katebi, S. D., and Katebi, M. R., 1991.

`` A Fault Accommodating Control System Design ", Proc., Eight Inter. Conf. On Systems Engineering. Coventry England.

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`` A Computer Aided graphical Technique for Analysis and Design of Single loop Nonlinear Dynamic systems ", Proc., First Inter. Conf. on Computer Application in Science Technology and Medicine, Isfahan, Iran.

- 12- Katebi, S. D., 1992.
`` A Robust Computer Aided Pole Placement for discrete-time Systems ", Proc., Inter. Conference in System Science, Wroclaw, Poland.
- 13- Katebi, S. D., Sadooghi-Alvandi, S. M., 1992.
`` Failure Monitoring in Dynamic Systems: A Fourier Analysis Approach ", Proc., Inter. Conference in System Science, Wroclaw, Poland.
- 14- Katebi, S. D., 1992.
" A pattern recognition technique for Detection and Identification of Failure in Control Systems ", Proc., Inter. Conf. Engineering Applications of Mechanics, Sharif University of Technology, Tehran, Iran.
- 15- Katebi, S. D., 1993
`` Computer-Aided Design Software In Control Education and Research ", Proc., First Conf. in Computer education, research and application in Iran., Tehran University, Tehran, Iran.
- 16- Katebi, S. D., 1993.
``A Nonlinear Programming prediction Error Technique for Dynamic Systems Identification ", Proc. Inter. Congress in Computational Methods in Eng., Vol. 5, May 1993, Shiraz, Iran.
- 17- Katebi, M. R., Katebi S. D., 1993
`` Integrated System and Control Design for Brushless DC Motors ", Proc., Iranian Conference On Electrical Engineering May 1993, Amirkabir University of Technology, Tehran, Iran.
- 18- K. Goodarzi, S. D. Katebi, M. Makrehchi, 1994.
`` Character Recognition of Cursive Text", Proc. Second Iranian Conf. on Computers: Education and Applications, Iran University of Science Technology.
- 19- K. Goodarzi, S. D. Katebi, M. Makrehchi, 1994.
`` Character Recognition Using ARMA model", Iranian Conf. on Electrical Eng., Tarbiat Modaress University, Tehran, Iran.
- 20- M. Makrehchi, 14- Katebi, S. D., K. Goodarzi, 1994.
`` Fuzzy Rule Generation: A learning Process Approach", Proc. Second Iranian Conf. on Computers: Education and Applications, Iran University of Science Technology.
- 21- M. Makrehchi, 14- Katebi, S. D., 1994.
`` Fuzzy Logic Controller Design for Multivariable Control Systems", Iranian Conf. on Electrical Eng., Tarbiat Modaress University, Tehran, Iran.
- 22- Katebi, S. D. and Makrehchi, M. 1994.
`` A Comparative study of two Fuzzy Logic Controller Design", Proc. of 3rd. IEEE Conf. on Control Application, vol. 1, Glasgow, UK.
- 23- Katebi S. D. and Makrehchi M, 1994.
`` Multivariable Fuzzy Logic Control Design", Proc. 10th. Int. Conf. Systems Engineering, vol 1., Coventry, England.

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- 24- M. Makrehchi, Katebi, S. D., K. Goodarzi, 1994.
`` Self-tuning Fuzzy Logic Controller Using Support adjustment'', Int. Conf. on Fuzzy Systems, Tabriz, Iran.
- 25- H. Beigy, A. H. Edgahi and S. D. Katebi, 1994.
`` An object-oriented Framework for Implementation of Fuzzy Logic Controllers'', Int. Conf. On Fuzzy Systems, Tabriz, Iran.
- 26-K. Goodarzi , S. D. Katebi, 1995.
`` Optimal Mid-course Guidance of a Missile'', Proc. of 3rd. Iranian Conf. on Electrical Engineering, Iran University of Science and Technology.
- 27- Makrehchi, M, Katebi , S. D. 1995.
`` Fuzzy Control Design based on Fuzzy Relational Matrices'', Proc. of 3rd. Iranian Conf. on Electrical Engineering, Iran University of Science and Technology.
- 28- Jazzbi, A., Ghosravifard, M. A., Katebi, S. D., 1995.
`` Optimization of the Fuzzy rules in neuro-fuzzy controllers; using experimental data'', Proc. 3rd. Electronic Conference, Shiraz University, Shiraz, Iran.
- 29- Katebi, S. D., 1995.
`` Fuzzy Rules Generation: A learning Process'', Proc. Int. Conf. on Automation, Indore, India.
- 30- Keshtgary M, Jayasumana, A. P., Katebi, S. D. 1995.
" Performance of FDDI-II Network for Isochronous, Synchronous and Asynchronous Traffic", Proc. of the first Annual Computer Conf. of Computer Society of Iran.
- 31- Jahanmiri A. H., Katebi S. D. 1996.
" Control Design Using Fuzzy Credit Assignment ". IEEE 4th. Int. Conference on Control, Automation, Robotics and Machine Vision, Singapore.
- 32- R. Izadi-Zamanabadi, M. Blanke and S. D. Katebi, 2000.
" Structural modelling and fuzzy-logic based diagnosis of ship propulsion Benchmark". 5th IFAC Conference on Manoeuvring and Control of Marine Crafts Aalborg, Denmark, August 23-25, 2000
- 33- G. Habibagahi, S. Katebi & A. Johan, 2000.
"A Neural network framework for unsaturated soils " The Asian Conference on unsaturated soils, Unsat_Asiatic 2000/Singapore May 2000.
- 34- S. Jafari and S. D. Katebi, 2002.
"Tuning of Fuzzy-Certainty Factor Expert Systems based on Neural Networks." Proceedings of IASTED International symposium on AI and applications, Applied Informatics, Feb. 2002, Innsbruck, Austria.
- 35- S. D. Katebi, 2002
"Evolutionary Learning of Fuzzy Systems." Proc. Of the 3rd. Seminar on Fuzzy Sets and its Applications. University of Sistan and Baluchestan , June 2002.
- 36- A. Hamzeh, A. Towhidi and S. D. Katebi, 2002.

"Application of Evolutionary Learning Classifier in Fuzzy rule generation". Proc. Of the 3rd. Seminar on Fuzzy Sets and its Applications. University of Sistan and Baluchestan , June 2002.

37- A Hosseini Gharoodi. S. D. Katebi, 2002

"Fault Detection and Isolation Based on local Neuro-Fuzzy Model with Application to Ship Propulsion Systems." Proc. Of the 3rd. Seminar on Fuzzy Sets and its Applications. University of Sistan and Baluchestan , June 2002.

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"DEXSYS: Afuzzy Expert System with Neuro-Tuning". Proc. Of the 3rd. Seminar on Fuzzy Sets and its Applications. University of Sistan and Baluchestan , June 2002.

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" An aggregated Fuzzy Reliability Index for Slope Stability Analysis." Proc. Of the 3rd. Seminar on Fuzzy Sets and its Applications. University of Sistan and Baluchestan , June 2002.

40- M. Eftekhari and S. D. Katebi, 2004,

"Controller design for multivariable nonlinear control systems using Multi-objective Genetic Algorithm." 5th intelligence systems conference. Mashhad. Ferdowsi university of Mashhad.

41- M. Eftekhari and S. D. Katebi, 2005,

"Ant colony optimization for continuous spaces." *7th intelligence systems conference*. Khaje Nasir University of Technology. Tehran.

42- M. Eftekhari, M. R. Moosavi and S. d. Katebi 2005,

"Solving Constrained Continuous Optimization Problems with GCACO II." 11th. Annual Conference of Computer Society of Iran, Tehran.

43- M. Eftekhari, GH. Yaghobi and S. D. Katebi 2005,

"Combining the Information Retrieval Evaluation Measures by LP-Norm for fuzzy rule evaluation." 11th. Annual Conference of Computer Society of Iran, Tehran.

44- M. Eftekhari, B. Daei and S. D. Katebi, 2005,

"Controller design for multivariable nonlinear control systems using PSO Algorithm." 12th Annual Conference of Electrical Engineering of Iran, Mashhad. Ferdowsi university of Mashhad.

45- Eftekhari, M., S.D. Katebi, M. Karimi, A.H. Jahanmiri, 2006,

"Eliciting Transparent Fuzzy Model using Differential Evolution", Proc. Int. Conf. on Systems Engineering, Coventry, England.

46- M. Sabeti , R. Boostani and S.D. Katebi, 2007,

A New Approach to Classify the Schizophrenic and Normal Subjects by Finding the Best Channels and Frequency Bands. Proc. of the 2007 15th Intl. Conf. on Digital Signal Processing. Cardiff, UK © 2007 IEEE.

47- Fatemeh Moayedi , Reza Boostani , Zohreh Azimifar and Serajedin Katebi, 2007, " A Support Vector Based Fuzzy Neural Network Approach for Mass Classification in Mammography". *Proc. of the 2007 15th Intl. Conf. on Digital Signal Processing*. Cardiff, UK © 2007 IEEE.

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Learning Classifier Systems for Mobile Robot Control. In Proc. 10th. Annual Conference of Computer Society of Iran., 2005.
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Accuracy based Classifier Systems Using Evolutionary Neural Networks Representation, In Proc. 12th International CSI Computer Conference (CSICC), 2007.
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Reinforcement Learning for Fuzzy Autonomous Agents I, 2005, IASTED, Austria.
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Contourlet-based mammography Mass Classification. 4th. ICIAR, Canada.
- 53- M. Sabeti , R. Boostani and S.D. Katebi, Price 2007.
Evolutionary Feature selection for EEG signal Classification for Schizophrenic patients. 13th, Conference on biomedical engineering, Tehran.
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Extraction Compact Fuzzy model for MIMO systems using Multi-objective genetic Algorithms. Second UKSIM European Symposium on Computer Modeling and Simulation, Hope University, Liverpool, UK.
- 59- Sa. Shekarpour, S. D. Katebi. 2008.
A Trust Model based on statistical propagation and Fuzzy aggregation for Semantic Web. Second UKSIM European Symposium on Computer Modeling and Simulation, Liverpool Hope University, Liverpool, UK.

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- 62- E. Chitsaz, M. Taheri, S. D. Katebi, A Fuzzy Approach to Clustering and Selecting features for Classification of Gene Expression Data, Conf. of WCE2008, London (invited for edited book published by Springer)
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- 65- S. D. Katebi*, M. Katebi, 2009, Features for EEG Signal Classification of Schizophrenic Patients. 20th. Conference on Systems Engineering, Coventry, England, September 2009.
- 66- Nazanin Zaker, Ali Hamzeh, Seraj D. Katebi, Shadrokh Samavi: Improving Security of Pixel Value Differencing Steganographic Method. NTMS 2009: 1-4
- 67- Elham Chitsaz, Mohammad Taheri, Seraj D. Katebi: Feature Selection of Gene Expression Data Based on Fuzzy Attribute Clustering. World Congress on Engineering (Selected Papers) 2008: 717-726.
- 68- Roohollah Nakhae, Seraj.D. Katebi, Alireza Mallahzadeh, 2010. Particle swarm optimization based CMOS low noise amplifier design. 5th. SASTech, 5th. Symposium on Advances Science & Technology, May 12-17 2011, Mashhad, Iran.
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- Member of the board of Education planning, Control & Computers, Ministry of Higher education, 1985-1995.
- Member of National Central Examination Board of Graduate studies (Electrical and Computer Engineering) Ministry of Higher education, 1985-1995.
- Consultant to several local and National Industrial Projects.
- Co-chairman of International Congress in Numerical methods in Engineering May-1972, Shiraz, Iran.
- Member of organising and scientific committee of five national and international Conferences.
- Member of research committee, graduate school committee, grant committee, education committee, library committee, of school of engineering each for a two year period.
- Associate Editor of Iranian J of Science and Technology, Shiraz University, 1990-1998
- Associate Editor Scientica Iranica, Sharief University of Technology, 2000-...
- Associate editor of Esteghlal Publication, Isfahan University of Technology, 2000-....
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