

Curriculum Vitae

Educational Records

1986-1991: *B.Sc. Degree in Electrical Engineering (Electronics Eng.), Kh. N. Toosi University of Technology, Tehran, Iran*

B.Sc. Research Title: *Semiconductor Laser Principles and Applications.*

1992-1994: *M.Sc. Degree in Electrical Engineering (Power Eng.), Tarbiat Modarres University, Tehran, Iran.*

M.Sc. Thesis Title: *Robust Controller Design for a Class of Ballistic Missiles Using QFT Method.*

1994-1998: *Ph.D. Degree in Electrical Engineering (Control Eng.), Tarbiat Modarres University, Tehran, Iran.*

Dissertation Title: *An On-Off Controller Design for Uncertain Systems Using Variable Structure Method.*

Academic Teaching Records

1988-1991 *Teaching Assistant for Undergraduate Courses in Electrical Engineering*

1992-1997 *Teaching Assistant for Graduate Courses in Electrical Engineering.*

1992-1998 *Instructor, Undergraduate Courses in Electrical and Computer Engineering*

1998-2004 *Assistant Professor, Department of Electrical Engineering, Tarbiat Modarres University*

2004-Now *Assistant Professor, Information Technology Engineering Dept., Tarbiat Modarres University*

Academic Honors and Rewards

1994 *Outstanding Student Award of Iran (Country-wide, Top 20 among 700,000 University Students)*

1999 *Honor Student Award of School of Engineering, Tarbiat Modarres University (Top 1st)*

2002 *Award of “The Best Iranian Academic Book of the Year” (Nonlinear Systems)*

2004 *Distinguished Researcher of ISESCO*

2005 *The Distinguished Researcher in 19th Kharazmi International Awards*

2006 *The Guest Editor-in-Chief in IJIS (E-Learning Special Issue)*

2007 *Award of the Distinguished Research Institute in Iran(National Research Institute for Science Policy)*

Academic Courses Presented

For Undergraduate:

1. *Electric Circuits (I and II).*
2. *Computer System Architecture.*
3. *Microprocessor I*
4. *Engineering Mathematics*
5. *Linear Control Systems*
6. *Communication I*
7. *Signals and Systems*
8. *Engineering Probability and Statistics*
9. *Linear Algebra*

For Graduate:

1. *Artificial Neural Networks*
2. *Fuzzy Sets and Systems Theory*
3. *E-Commerce Intermediaries*
4. *Information Technology and Change*
5. *Information Technology and Information Systems*
6. *Stochastic Processes*
7. *Advanced Engineering Mathematics*
8. *Digital Control*
9. *Intelligent Nonlinear Control*

Research Interests

Soft Computing Techniques (Fuzzy Systems, Artificial Neural Networks, Rough Sets Theory, Evidence Theory, Genetic Algorithms)

Information Technology application (E-Learning, E-Government, E-City)

Selected Research Plans

2004 Developing the first information development plan for deputy of Research in Ministry of Science, Research and Technology of Iran - Research Director

2006-2007 The Iranian Virtual University Architecture research plan, The Research Institute for Higher Education Planning, Tehran, IRAN.

2006-2007 The assessment plan for the informational development plan of Tehran's urban management, Tehran Islamic Council

Publications

•The Books

2001 "Nonlinear Systems", Vol. 1 and 2, Tarbiat Modares University Press, Tehran, IRAN.

2002 "Internet Search Engines: A Review of Information Retrieval", Kavir Press, Tehran, IRAN.

• Selected Journal Papers

Montazer, Gh. A.; "A New Approach for Knowledge Based Systems Reduction Using Rough Sets Theory"; Int'l Journal of Engineering, Vol.16, No.2; June.2003; pp.157-162.

Montazer, Gh. A. and A.Bahreininejad; "The Concep of Metadata inE-Learning "; Ketab Quarterly; Vol.14; No.3, Fall 2003; pp.213-222.Education ; 33 (3),

Khosronejad, A., Gh.A.Montazer and M.Ghodsian; "Estimation of ScourHole Properties Around Vertical Pile Using ANNs"; Int'l J. of Sediment Research; Vol.18, No.4; China, 2003; pp.290-300.

Montazer, Gh.A. and A.Bahreininejad; " The E-Learning Dilemmas in Iran"; Iranian Journal of Information Science and Technology, Shiraz, Iran; June. 2004.

Montazer, Gh. A. B., Esfahbod and H., SafiAllah; "Squash: Design and Implementation of a Large Scale HTTP Gateway and Masquerader"; IJIST; Iran, Sept. 2005

Amiri Chayjan, R., Gh.A. Montazer and T.Tavakoli; "Intelligent Prediction of Pistachio Thermal Conductivity Using Artificial Neural Network Approach"; 2006, Internal Journal of

Bahreininegad, A. and Gh. A. Montazer; " An Adaptive and Intelligent Framework for Virtual Higher Education in Iran "; IJIST ; Feb. 2007;

Montazer Gh. A, R. Sabzevari and H. Gh. Khatir; " Intelligent Parametr Reducation Using Rough Sets Theory and Sensitivity Analysis"; WSEASTrans. on Systems; Vol.6, Mar. 2007, pp.623-630.

Montazer Gh. A, and N. Jafari; "Design a Fuzzy Recognition System for Persian Numeral Fonts Based on Fuzzy Grammar Concepts" , WSEAS Trans. on Electronics; May 2007

Montazer Gh.A., R. sabzevari, H. GH. Khatir; "Improvement of learning Algorithms for RBF Neural Network in Helicopter Sound Identification System" , Neurocomputing , 71 (3), 2007

Saremi, H.Q., Gh.A. Montazer; "An Application of Type -2 Fuzzy Notions in Website Structure Selection Utilizing Extended TOPSIS Method", WSEAS Transaction on Computers, 7 (1), 2008

Foroughi, R. Gh.A. Montazer, R. Sabzevari; "Design of a New Urban Traffic Control System Using Modified Ant Colony Optimizatipon Approach", Iranian Journal of Science and Technology , Transuction B:Technology, 32 (B 2), 2008

Khatibi, V. and Gh.A. Montazer; "E-research Process Framework "Journal of World Academy of Science and Engineering ; 54 (4), 2009

Khatibi, V. and Gh.A. Montazer; "Intuitionistic Fuzzy Set vs. Fuzzy Set Application in Medical Pattern Recognition ", artificial intelligence in Medicine; 47 (1), 2009

Montazer Gh.A., H. Q. Saremi, M. Ramezani; " Design a New Mixed Expert Decision Aiding System Using Fuzzy Electre III Method for Vendor Selection"; Expert system with Applications; 36 (8), 2009

Baylari, A. and Gh.A. Montazer; "Design a Personalized E-learning System Based on Item Response Theory and Artificial Neural Network ";Expert System with Applications; 36 (4), 2009

Montazer Gh.A., R. Sabzevari, F. Ghorbani; "Three Phase Strategy forOSD Learning Method in RBF Neureal Networks"; Neuro computing, 1 (1), 2009

Khatibi, V. and Gh.A. Montazer; "A New Evidential Distance Measure Based on Belief Intervals"; Science Iranica, Trans. D. 17 (2), 2010

Fasanghari, M. and Gh.A. Montazer; "Design and Implementation of Fuzzy Expert System for Tehran Stock Exchange "; Expert System with Applications; 37 (9) , 2010

Montazer Gh.A., V. Khatibi , H.Q. Saremi; "A Neuro - Fuzzy Inference Engine for Farsi Numeral Character Recongnition " Expert System with Applications; 37 (9) , 2010

Khatibi, V. and Gh.A. Montazer; "A Fuzzy - Evidential Hybrid Inference Engine for Coronanay Heart Disease Risk Aseessment "; Expert System with Applications; 37 (6) , 2010

Darab, B, and Gh.A. Montazer; "An Elictic Model for Aseessing E-leraning Readiness in the Iraninan Universities"; Computer and Education ; 56 (4), 2011

Keyarsalan , M. and Gh.A. Montazer; "Designing and Inteligent Ontological System for Traffic Light Control in Isolated Intersections"; Engineering Applications of Arificial Intelligence, 29 (5) 2011

• *Selected Conference Papers*

Momeni H. R., Gh. A. Montazer, A New Method for Control of Time- Varying System Using Method"; Proc. Of IASTED Conf.; Sri-Lanka; 1995.

Momeni H. R., Gh. A. Montazer, A.Khaiatian and A.Bazaii; "Robustness of Adaptive Control and QFT Method in Uncertain Nonlinear Control Systems"; Proc. of World Automation Congress (WAC); France; 1996.

Montazer, Gh. A. and H. Gh. Khatir;"Classification of Medical Diagnosis Databases Using Rough Set Theory"; Proc. of 4th Asian Control Conf.; Singapore; Sep. 2002

Montazer, Gh. A. and M.R. Tayefeh; "Probabilistic Data Analysis Using Rough Set Technique"; Proc. of 6th Iranian International Statistics Conf.; Tarbiat Modarres Univ. Tehran, Iran; Sep. 2002

Kianinejad, R. , R. Houshmand, M. Parsa and Gh. A. Montazer;" Synchronous Generator Parameters Estimation By Genetic Algorithms"; Proc. of AUPEC; Melbourne, Australia, Nov. 2002.

Montazer, Gh. A. and A. Bahreininejad; "Object Oriented and Modular E-Learning Evolution"; Proc. of 1st National Conf. on Virtual University; Kashan; Iran; May 2003.

Bahreininejad, A. and Gh.A. Montazer; "The E-Learning System Dilemmas in Iran"; Proc. of 1st National Conf. on Virtual University; Kashan; Iran; May 2003.

Bahreininejad, A. and Gh. A. Montazer;" Learning in E-Learning"; Proc. of 1st Conf. on E-Learning; Tehran; Iran; May 2003.

Bahreininejad,A. and Gh.A.Montazer; "Instructionl Modeling Design for Web-Based Education"; Proc. of Information Technology Conf.; Medical Sciences Univ. of Gorgan; Jul. 2003. Gorgan, Iran.

Montazer,Gh.A.and A.Bahreinninejad; "Aspects of Standardization and Educational Modeling for Virtual education in iran"; proc.of information of Technology conf.; medical sciences univ. Gorgan;Jul.2003;Gorgan,Iran.

Zaker moshfegh, M., M.Ghodsian Gh.A.Montazer;" River Flow Forecasting using artifical neural networks"; proc. Of hders; Apr. 2004; Tehran,Iran.

Fathi,A,Aghakouchak and Gh.A.Montazer;" Evaluating the Stress Intensity Modification Factor in Offshore Turblant Joints Using Artificial Neural Networks"; 23rd Int'l Conf. On offshore Mechanics and Arctic Engineering; Vancouver,Canada,June 2004.

Montazer,Gh.A., A.Bahreiniejad;" Course ware designing for Online Learning"; Proc.of 2nd conf. on E-learning; Jan.2005;Tehran,Iran.

Montazer,Gh.A. and Moghaddam,M.H.;" Ict Impacts on Rural Development"; Int'l Meeting on Integration of ICT and Rural Development; WSIS; Tunis; Tunisia; Oct.2005.

Montazer,Gh.A. and Moghqddam, M.H; " Informational Development; Concepts and Strategies"; proc. of WITID 2006; Jan.2006,Isfahan,Tehran.

Ramezani, M. and Gh.A.Montazer;" Design And Imlementation of A Fuzzy Expert Decision Support System For Vendor Selection"; Proc. of 8th International Conf.On Enterprise Information Systems; May 2006. Paphos,Cyprus.

Montazer,Gh.A.,F.Nasiri,H.Khatir And R.Sabzevari;" Expert Clustering of Hydraulic- Geotechnical Control Parameters of Rubble Mound Breakwaters Using Rough Sets Theory"; Proc.of 5th Conf.on Computational Intelligence, Man-Machine Systems And Cybernetics ;pp.133-138,Nov.2006.Venica, Italy.

Beig,L.,Gh.A.Montazer; And A.Ghavamifar," Adoption A Paper Tool For E-Readiness In Developing Countries; Case Studies: Iran,Turkey And Malaysia"; Proc. of 5th Knowledge, Economy and Management Congress; Nov. 2006,Kocaeli,Turkey

Ebrahimi Nezhad,H.,Gh.A.Montazer and N.Jafari;" Recognition of Persian Numeral Fonts by Combining the Entropy Minimized Fuzzifier and Fuzzy Grammar"; 7th Conf.on Artificial Intelligence, Knowledge Eng. and Databases; Greece,2007

Fallahi, M. and Gh.A.Montazer;" E-Government Model Adoption; a Comparative Study Among Multistage E-Government Implementation Framework"; Proc. of 3rd Int'l Conf.on Information Technology (ICIT 2007);Al-Zaytoonah Univ., Amman, Jordan,May 2007

Montazer,Gh.A.and M.Pakzad:" The Role of Information Technology Parks In National Innovation System, Case Study: Iran's It Parks"; Proc. of The 5th Int'l Symposium on Management of Technology(ISMOTO7), Zhejiang Univ. Hangzhou, China,June 2007,pp.750-775.

Saremi, H.Q., Gh.A.Montazer and F.Haghighi Rad;" Ranking of Website Structures Using Fuzzy Topsis Method with Type-2 Fuzzy Numbers", Proc. of 8th Fuzzy Conf., Vancouver, Canada, June.2007, PP. 186-191.

Javani, S. Gh.A.Montazer And H.Q.Saremi,"A New Framework For Comparison Among Characteristics of B2c Commercial Websites";2007.

Montazer,Gh.A. and A.Bahreinejad," Design Rules for Flexible Online Courseware Production in E-Learning", Proc.of 2nd E-Learning Conf,; Univ Of Sistan and Baluchestan, Zahedan, Nov.2007,pp.207-214.

Saremi, H.Q., Gh.A.Montazer;" Website Structure Ranking: Applying Extended Electre III Method Based on Fuzzy Notions", Proc.of 8th Fuzzy Conf., Vancouver, Canada, June 2007, 120-126.

Montazer,Gh.A.,M.Pakzad And S.Zahabioun;"Creation and Growth Patterns Of Science And Technology Parks in The World: the West, the East and China"; Proc. of 6th Int'l Cong. on Knowledge, Economy and Management; Istanbul, Turkey, Dec.2007,pp.524-536.

Montazer,Gh.A., M.Fallahi and L.Beig;" The Influence of E-Government on Reaching to Good Governance" Proc.of 6th Int'l Cong. on Knowledge, Economy and Management; Istanbul, Turkey, Dec. 2007.pp.937-949.

Toofani, S. and Gh.A.Montazer;" Adoption A Proper Model For E-Readiness Assessment"; Proc. of 4th Conf. on ICTM; Feb.2008

Montazer,Gh.A., R. Sabzevari and F. Ghorbani;" Improvement of Learning Rate for RBF Neural Networks in a Helicopter Sound Identification System Introducing Two-Phase OSD Learning Method"; Proc.of The 5th Int'l Symposium on Mechatronics and Its Applications (ISMAO8), Amman,Jordan,May 2008

Fasanghari, M. and Gh.A.Montazer;" A Stock Portfolio Selecting Method Through Fuzzy Delphi Approach";ISNN 2008.Nov.2008,LNCS 5264,pp.615-623,China.

Montazer, Gh.A. and H.Vahabzadeh;" A New Approach For Recognition Of Hand-Drawn Geometric.

Hourali, M. and Gh.A. Montazer, "Predicting The Traffic of Websites Using A Hybrid Neuro- Fuzzy Approach"; Proc. of The Third International Conf.on Modeling. Simulation and Applied Optimization(ISMSA'09) ,Sharjah,U.A.E.,Jan. 2009

Khatibi, V. and Gh.A.Montazer," Bacillus Colonies Recognition Using Intuitionistic Fuzzy Sets", 12th Intl Conf. on Intuitionistic Fuzzy Sets , Sofia, Hungari, Aug. 2008.

Dolat Nia, N.,M. Amin Nayeri, Gh.A.Montazer;" A Method for Mamographic Analysis Based on Bayesion Networks;" 2nd Int'l Conf. on the Impact of Information Technology on Business and Education; New Jersey, USA, Aug. 2008.

Toofani, S. And Gh.A.Montazer," E- Readiness Assessment Model for B2C Publishing Toward E-Publishing", ISADIA Int'l Conf. on E-Commerc, 2009.

Montazer,Gh.A., R. Sabzevari and F. Ghorbani; "Enhancement in Two- Phase OSD Learning Method for RBF Neural Network"; Jun. 2008

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Mousavi, A. and Gh.A.Montazer;"What Does KBE Have To Do With A National Development Plan"; The Case of on IRAN's 4th National Development Plan"; The Congress on Knowledge Based Economy;Graz, Austria, Feb. 2009.

Gh.A.Montazer, M.H.Moghaddam;" Toward A Proper Model for Informational Development in Developing Countries"; The 10th Int'l Digital Government Research Conf., Mexico City, May 2009.

Khatibi,V.and Gh.A.Montazer;"Coronary Heart Disease Risk Assessment Using Dempster- Shafer Theory"; 14th Int'l CSI Computer Conf.;Tehran,Iran,Nov.2009.

Khatibi, V. and Gh.A.Montazer;" Intuitionistic Fuzzy Set Application in Bacteria Recognition"; 14th Int'l CSI Computer Conf; Tehran, Iran, Nov.2009.

Toofani; S. and Gh.A.Montazer;" Evaluating Infrastructure Readiness of Iranian Publishing Companies toward E-Publishing"; 7th Int'l Congress on Knowledge, Economy and Management; Yaluva, Turkey, Oct.2009.

Gh.A.Montazer, S.S.Tahami;" A Road Map to Achieve Digital Municipality in the City of Tehran In 2024 National Vision"; 7th Int'l Congress On Knowledge, Economy And Management; Yalouva, Turkey, Oct.2009.

Toofani, S. and Gh.A.Montazer;" Evaluation of E-Publishing Acceptance in Iranian Academia"; The 5th Int'l Conf.on Engineering Education; Kuala Lumpur, Malaysia, Dec. 2009.

Khatibi, V. and Gh.A.Montazer;" Study The Role of Web Services In Adoption of E-Research Process"; Int'l Conf.on Engineering Education; Kuala Lumpur, Malaysia, Dec.2009.

Keyarsalan, M., Gh.A.Montazer and K.Kazemi;" Font Based Persian Character Recognition Using Simplified Fuzzy Artmap Neural Network";IEEE Cong. On Evolutionary Computation, Oslo, Norway, Jun.2009.

R.Abbaszadi, Gh.A.Montazer, N.Fuad;"Assessment of E-Learning Readlinesss In Universities of Azarbaijan"; IODL And ICEM Joint Conf.; Turkey, Nov. 2010.

M.A.Bagheri, Gh.A.Montazer; A Random Subspace Approach Based on Hierarchical Clustering of Transient Features in Electronic Nose"; The 4th Int'l Conf. on Sensing Technology, Lecce, Italy, Jun.2010.

M. Key arsalan, Gh.A.Montazer;" Intelligent Ontological Agent for Traffic Light Control of Isolated Intersections"; 6th Int'l Conf. on Digital Content, Multimedia Technology and Its Applications"; Seoul, Korea, Aug. 2010

N. Saberi, Gh.A.Montaer;" Personalized Intelligent Tutring System Based on Fuzzy Learner Model and Fuzzy Pedagogical Model"; 4th Int'l Conf. on Fuzzy Information and Engineering; Iran, Oct. 2010.

Gh.A.Montazer, F. Ghorbani," The Extraction of Main Factors for Ph.D Student Selection Using Rough Set Theory"; 4th Int'l Conf. on Fuzzy Information and Engineering, Iran,Oct.2010.

Gh.A.Montazer, S.S.Tahami;" A New Model for E-Government Readiness Assessment In Iranian Municipulity"; The 8th Int'l Conf. on Knowledge, Economy and Management; Istanbul, Turkey, Nov.2010

S.Toofani, Gh.A.Montazer;" Evaluating Managerial Readiness of Iranian Publishing Companies toward E-Publishing"; The 8th Int'l Conf. on Knowledge, Economy and Management; Istanbul, Turkey, Nov.2010.