



نام و نام خانوادگی	محمدجواد یزدان پناه
مرتبه علمی	استاد تمام
آدرس محل کار	---
تلفن	---
فکس	---
پست الکترونیک	yazdan@ut.ac.ir
آدرس وب سایت	---

تحصیلات

- 1) کارشناسی، 1365، مهندسی برق، صنعتی اصفهان
- 2) کارشناسی ارشد، 1367، مهندسی برق، تهران
- 3) دکتری، 1376، مهندسی برق، کنکور دیا

راهنمایی پایان نامه

- 1) طراحی کنترل کننده برای ناهمزمان سازی نوسانگرهای کوپل شده: کاربرد در جمعیت نوسانگرهای نرونی، غزل منتصری، کاربردی، دانشگاه تهران، 1392/09/30
- 2) تحلیل ناحیه پایداری گذرای سیستمهای قدرت، فرزین کاشانی، کاربردی، دانشگاه تهران، 1393/06/04
- 3) طراحی کنترل کننده غیرخطی برای سیستم دوچرخ متحرک با پاندول معکوس، میلاد قنبری، کاربردی، دانشگاه تهران، 1393/06/15
- 4) کنترل غیرخطی موتور سنکرون مغناطیسدائم، سجاد نادری لردجانی، کاربردی، دانشگاه تهران، 1394/06/01
- 5) کنترل اجسام پرنده بدون سرنشین با رویکرد کنترل پیش بین، محمد سپهری موافق، کاربردی، دانشگاه تهران، 1394/06/01
- 6) مدلسازی و کنترل غیرخطی میدلهای قدرت DC به DC، مصطفی علی ابوبی راد، کاربردی، دانشگاه تهران، 1394/06/01
- 7) تحلیل ناحیه پایداری در تومورهای سرطانی، افشین دینی، کاربردی، دانشگاه تهران، 1394/06/01
- 8) طراحی تنظیم کننده خروجی غیرخطی کاربردی، ارس ادهمی میرحسینی، کاربردی، دانشگاه تهران، 1394/06/31

فعالیت‌های اجرایی

- 1) مسئول کمیته آموزش IEEE (بخش ایران)، 1392/08/04، 1395/12/04، ایران، تهران
- 2) مدیر گروه مهندسی کنترل، 1394/07/01، 1395/03/25، ایران، تهران
- 3) عضو هیات ممیزه دانشگاه تهران، 1396/05/24، ایران، تهران

کتاب‌های تالیفی

1) Yazdanpanah, Mohammad Javad, Amir Farrokhpayam, and Morteza Fathi pour. "A Robust Motion Tracking Control of Piezo-Positioning Mechanism with Hysteresis Estimation." : InTech, 2012.

مقالات چاپ شده در نشریات بین المللی

- 1) Yazdanpanah, Mohammad Javad, and E Fallah . "The Design of PSS using Nonlinear Optimal Control." Amirkabir (Journal of Science and Technology) 13, no. 52 (1732): 525-536.
- 2) Yazdanpanah, Mohammad Javad. "The Design of H Controller for Robust Regulation of Singularly Perturbed Systems." -, no. --- (1732): -.
- 3) Yazdanpanah, Mohammad Javad, K Khorasani , and R V Patel . "Uncertainty Compensation for a Flexible - Link Manipulator using Nonlinear H inf Techniques." International Journal of Control 69, no. 6 (1998): 771-753.
- Javad, and محمد جلیلی . "Transient Stability of Power Systems." Ferdowsi University Magazine -, no. --- (1998): -.
- 4) Yazdanpanah, Mohammad
- 5) , K Khorasani, Mohammad Javad Yazdanpanah, and R V Patel . "On the Estimate of the Domain of Validity in Nonlinear H Control." International Journal of Control 72, no. 12 (1999): 1105-1097.

6) , HR Karimi, and Mohammad Javad Yazdanpanah. "Robust Stability and Disturbance Attenuation for a Class of Uncertain Singularly Perturbed Systems." Transactions on Control, Automation and Systems Engineering 3, no. 3 (2001): 164-170.

7) , A BAHRAMI PARACHAL , and Mohammad Javad Yazdanpanah. "DESIGN OF A CONVENTIONAL CONTROLLER UNDER OPTIMAL MIXED H₂/H_∞ CRITERION USING GENETIC ALGORITHM." JOURNAL OF SCHOOL OF ENGINEERING 14, no. 1 (2002): 41-66.

8) , Hassan Ebrahimirad , and Mohammad Javad Yazdanpanah. "Sliding Mode Congestion Control in Differentiated Service Communication - networks." Lecture Notes in Computer Science 2957, no. --- (2003): 99-108.

9) , M Boroushaki , M B Ghofrani , Caro Lucas , and Mohammad Javad Yazdanpanah. "Identification and Control of a Nuclear Reactor Core (VVER) Using Recurrent Neural Networks and Fuzzy Systems." IEEE Transactions on Nuclear Science 50, no. 1 (2003): 175-159.

10) Yazdanpanah, Mohammad Javad, and B Siahkollah . "Robust Control of Single - Phase PWMInverters using H_∞ Technique." International Journal of Engineering Science -, no. --- (2003): -.

11) , Mohammad Reza Hatami Yazd, and Mohammad Javad Yazdanpanah. "Forecasting stock price Direction Using a Neural network predictor." review of business research 2, no. 1 (2004): 126-133.

12) , A Adhami Mirhoseini, and Mohammad Javad Yazdanpanah. "Output Regulation of Perturbed Nonlinear Systems by Nested Sliding Mode Control." Proceedings of World Academy of Science, Engineering and Technology -, no. 1 (2005): 44-47.

13) , AMJADIFARD R, MT HAMIDI BEHESHTI , Mohammad Javad Yazdanpanah, and HR MOUMENIAN . "Robust Regulation of a Flexible Joint Robot Manipulator using Slow Fast Decomposition." JOURNAL OF SCHOOL OF ENGINEERING 17, no. 2 (2005): 49-63.

14) , HR Karimi, and Mohammad Javad Yazdanpanah. "Robust control for a class of uncertain state - delayed singularly perturbed systems." Asian Journal of Control 7, no. 2 (2005): 202-208.

15) , ali khaki sedigh, ali reza asna ashari , and Mohammad Javad Yazdanpanah. "Reconfigurable control system design using eigenstructure assignment : static, dynamic and robustapproaches." International Journal of Control 78, no. 13 (2005): 1005 -1016.

16) Yazdanpanah, Mohammad Javad, P Jabehdar Maralani , B Lohmann , and Behzad Moshiri. "H_∞ control of parameter - dependent state - delayed systems using polynomial parameter - dependent quadratic functions." International Journal of Control 78, no. 4 (2005): 254-263.

17) Yazdanpanah, Mohammad Javad, A Babazadeh , Parviz Jabe darmalani, Behzad Moshiri, and Nejila Parspour . " Sensorless Adaptive Output Tracking of Transverse Flux Permanent Magnet Machines." ARI Journal 54, no. 3 (2006): 17-23.

18) , H R Karimi , and Mohammad Javad Yazdanpanah. "A new modeling approach to single - link flexible manipulator using singular perturbation method." Electrical Engineering 5, no. 88 (2006): 382-375.

19) , H R Karimi, Mohammad Javad Yazdanpanah, R V Patel , and K Khorasani . "Modeling And Control Of Linear Two - time Scale Systems : Applied To Single - link Flexible Manipulator." Journal of Intelligent and Robotic Systems: Theory and Applications 3, no. 45 (2006): 235-265.

20) , M Moosavi, Mohammad Javad Yazdanpanah, and R Doostmohammadi . "Modeling the cyclic swelling pressure of mudrock using artificial neural networks." Engineering Geology 3,4, no. 87 (2006): 178-194.

21) , Mehdi Jalili, and Mohammad Javad Yazdanpanah. "Transient stability enhancement of power systems via optimal nonlinear state feedback control." Electrical Engineering 89, no. 2 (2006): 149-156.

22) , Samane S Sajjadi , Mehrdad Boroushaki , jalil Jafari , and Mohammad Javad Yazdanpanah. "Identification of a VVER horizontal steam generator using recurrent neural networks." International Journal of Knowledge Management 2, no. 3 (2007): 285-298.

- 23) , Mahmood Amiri, Sohrab Saeb , Mohammad Javad Yazdanpanah, and Saed Ali Seyyedsalehi . "Analysis of the dynamical behavior of a feedback auto - associative memory." *NEUROCOMPUTING* 71, no. 4-6 (2008): 486-494.
- 24) , Malekmohamadi, Reza Ghiassi, and Mohammad Javad Yazdanpanah. "Wave hindcasting by coupling numerical model and artificial neural networks." *Ocean Engineering* 35, no. 3-4 (2008): -.
- 25) , H R Karimi, Z Zamani , A Ebadi , Reza Fatahi, and Mohammad Javad Yazdanpanah. "Morphological diversity of Pistacia species in Iran." *Genetic Resources and Crop Evolution* 56, no. 4 (2009): 561-571.
- 26) , E Bavafaye Haghighi, Mohammad Javad Yazdanpanah, B Kalaghchi , and Hamid Soltanian Zadeh. "Multiscale cancer modeling In the line of fast simulation and chemotherapy." *Mathematical and Computer Modelling* 49, no. 7-8 (2009): 1449-1464.
- 27) , Berayan Pijanowski , Amin Tayyebi , Mahmoudreza Delavar, and Mohammad Javad Yazdanpanah. "Urban expansion simulation using geospatial information system and artificial neural networks." *International Journal of Environmental Research* 3, no. 4 (2009): 493-502.
- 28) , Hamed Kebriaei, and Mohammad Javad Yazdanpanah. "Robust adaptive synchronization of different uncertain chaotic systems subject to input nonlinearity." *Communications in Nonlinear Science and Numerical Simulation* 15, no. 2 (2010): 430-441.
- 29) Yazdanpanah, Mohammad Javad, and Maziar Ahmad Sharbafi . "IDFC : A new approach to control bifurcation in TCP/RED." *JOURNAL OF NETWORK AND COMPUTER APPLICATIONS* 34, no. 6 (2011): 2042-2050.
- 30) , J. Keighobadi, Mohammad Javad Yazdanpanah, and M. Kabganian . "An enhanced fuzzy H_∞ estimator applied to low-cost attitude-heading reference system." *Kybernetes* 40, no. 3 (2011): 300-326.
- 31) , T. Binazadeh, and Mohammad Javad Yazdanpanah. "Application of passivity based control for partial stabilization." *Nonlinear Dynamics and Systems Theory* 11, no. 4 (2011): -.
- 32) Yazdanpanah, Mohammad Javad, Nezhadfar , and . "Friction Compensation of Double Inverted Pendulum on a Cart using Locally Linear Neuro - Fuzzy Mode." *Neural Computing & Applications* -, no. --- (2011): 1-11.
- 33) , R Amjadifard, M T H Beheshti , and Mohammad Javad Yazdanpanah. "Robust Stabilization for a Class of Nonlinear Singularly Perturbed Systems." *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME* 133, no. 5 (2011): 1-6.
- 34) , T Binazadeh, and Mohammad Javad Yazdanpanah. "Robust partial control design for nonlinear control systems : A guidance application." *Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering* -, no. --- (2011): -.
- 35) , T Binazadeh, and Mohammad Javad Yazdanpanah. "Partial stabilization approach to 3 - dimensional guidance law design." *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME* 133, no. 6 (2011): -.
- 36) , Ghazal Montaseri , and Mohammad Javad Yazdanpanah. "Predictive control of uncertain nonlinear parabolic PDE systems using a Galerkin/neural - network - based model." *Communications in Nonlinear Science and Numerical Simulation* 17, no. 1 (2012): 388-404.
- 37) , T Binazadeh, and Mohammad Javad Yazdanpanah. "Partial stabilization of uncertain nonlinear systems." *ISA Transactions* 51, no. 2 (2012): 298-303.
- 38) , S F Atashzar, H A Talebi , M Shahbazi , F Towhidkhan , and Mohammad Javad Yazdanpanah. "Robust trajectory modification for tip position tracking of flexible - link manipulators." *Control Engineering Engineers, Part I: Journal of Systems and Proceedings of the Institution of Mechanical Engineers* 1, no. 1 (2012): 1-14.
- 39) , Aras Adhami Mirhosseini, Mohammad Javad Yazdanpanah, and Ali Khaki Sedigh . "Robust Tracking of a Class of Perturbed Nonlinear Systems via Multivariable Nested Sliding Mode Control." *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME* 134, no. 3 (2012): 1-8.
- 40) Montaseri , Ghazal , and Mohammad Javad Yazdanpanah. "Practical Output Regulation of Uncertain Strict - Feedback Form Systems." *Asian Journal of Control* 14, no. 4 (2012): 1123-1126.

- 41) , Ghazal Montaseri , and Mohammad Javad Yazdanpanah. "Adaptive control of uncertain nonlinear systems using mixed backstepping and Lyapunov redesign techniques." *Communications in Nonlinear Science and Numerical Simulation* 17, no. 8 (2012): 3367-3380.
- 42) Montaseri, Ghazal, Mohammad Javad Yazdanpanah, Arkady Pikovsky, and Michael Rosenblum. "Synchrony suppression in ensembles of coupled oscillators via adaptive vanishing feedback." *Chaos* 23, no. 3 (2013): 033122 .
- 43) Nejadfard, Atabak, Mohammad Javad Yazdanpanah, and Iraj Hassanzadeh . "Friction compensation of double inverted pendulum on a cart using locally linear neuro-fuzzy model." *Neural Computing & Applications* 22, no. 2 (2013): 337-347.
- 44) Agahi, Hamed, and Mohammad Javad Yazdanpanah. "Set-point regulation of monotone systems using the monotone small-gain theorem." *IET Control Theory and Applications* 7, no. 3 (2013): 447-454.
- 45) Montaseri, Ghazal, Aras Adhami Mirhosseini, and Mohammad Javad Yazdanpanah. "A MATHEMATICAL APPROACH TO DESYNCHRONIZATION OF COUPLED OSCILLATORS: APPLICATION TO A NEURONAL ENSEMBLE." *International Journal of Biomathematics* 06, no. 02 (2013): 1350009.
- 46) Shahbazi, Mahya, S. Farrokht Atashzar, Heidar Ali Talebi, Farzad Towhidkhah, and Mohammad Javad Yazdanpanah. "A sliding-mode controller for dual-user teleoperation with unknown constant time delays." *Robotica* 04, no. 31 (2013): 589-598.
- 47) Sharbafi, Maziar A., Christophe Maufroy, Majid Nili Ahmad Abadi, Mohammad Javad Yazdanpanah, and Andre Seyfarth. "Robust hopping based on virtual pendulum posture control." *Bioinspiration and Biomimetics* 8, no. 3 (2013): 036002 .
- 48) Asemani, M.H., Mohammad Javad Yazdanpanah, Vahid Johari Majd, and A.. Golabi. " H_{∞} Control of T-S Fuzzy Singularly Perturbed Systems Using Multiple Lyapunov Functions." *Circuits, Systems, and Signal Processing* 32, no. 5 (2013): 2243-2266.
- 49) , , Mohammad Javad Yazdanpanah, and Naser Khaji. "Parameter Estimation in Hysteretic Systems Based on Adaptive Least-Square." *Journal of Information Systems and Telecommunication* 1, no. 4 (2013): 217-221.
- 50) Peimani, Mansour, Mohammad Javad Yazdanpanah, and Naser Khaji. "Parameter Estimation in Hysteretic Systems Based on Adaptive Least-Squares." *Journal of Information Systems and Telecommunication* 1, no. 4 (2013): 217-221.
- 51) Montaseri, Ghazal, Aras Adhami, and Mohammad Javad Yazdanpanah. "DESYNCHRONIZATION OF TWO COUPLED LIMIT-CYCLE OSCILLATORS USING AN ASTROCYTE-INSPIRED CONTROLLER." *International Journal of Biomathematics* 07, no. 01 (2014): 1450001.
- 52) Kargar, S.M., K.- Salahshoor, and Mohammad Javad Yazdanpanah. "Integrated nonlinear model predictive fault tolerant control and multiple model based fault detection and diagnosis." *CHEMICAL ENGINEERING RESEARCH & DESIGN* 92, no. 2 (2014): 340-349.
- 53) Zardashti, R.-, A.A. Nikkhah, and Mohammad Javad Yazdanpanah. "Constrained optimal terrain following/threat avoidance trajectory planning using network flow." *Aeronautical Journal* 118, no. 1203 (2014): 523-539.
- 54) Montaseri, Ghazal, Aras Adhami, and Mohammad Javad Yazdanpanah. "Desynchronization of coupled limit-cycle oscillators through nonlinear output regulation." *SYSTEMS & CONTROL LETTERS* 71, no. -- (2014): 38-43.
- 55) Adhami, Aras, Mohammad Javad Yazdanpanah, and A.P. Aguiar. "Automatic bottom-following for underwater robotic vehicles." *Automatica* 50, no. 8 (2014): 2155-2162.
- 56) Kargar, S.M., Karim Salahshoor, and Mohammad Javad Yazdanpanah. "Multiple Model-Based Fault Detection and Diagnosis for Nonlinear Model Predictive Fault-Tolerant Control." *Arabian Journal of Science and Engineering* 39, no. 10 (2014): 7433-7442.
- 57) Zardashti, Reza, Amir Ali Nikkhah, and Mohammad Javad Yazdanpanah. "Multi-objective trajectory planning over terrain using label-setting greedy-based algorithm." *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering* 0, no. 0 (2014): 1-19.

- 58) Tabrizzadeh, Alireza, Fariba Bahrami Bode Lalo, and Mohammad Javad Yazdanpanah. "Bipedal Robot Locomotion on a Terrain with Pitfalls." *Majlesi Journal of Electrical Engineering* 8, no. 4 (2014): 59-65.
- 59) Montaseri, Ghazal, Mohammad Javad Yazdanpanah, and Fariba Bahrami Bode Lalo. "Designing a deep brain stimulator to suppress pathological neuronal synchronon." *NEURAL NETWORKS* 63, no. 63 (2014): 282-292.
- 60) Hosseinzadeh, Mehdi, and Mohammad Javad Yazdanpanah. "Performance enhanced model reference adaptive control through switching non-quadratic Lyapunov functions." *SYSTEMS & CONTROL LETTERS* 76, no. 76 (2015): 47-55.
- 61) Ghanbari, Milad, and Mohammad Javad Yazdanpanah. "Delay Compensation of Tilt Sensors Based on MEMS Accelerometer Using Data Fusion Technique." *IEEE Sensors Journal* 15, no. 3 (2015): 1959-1966.
- 62) Bavafaye Haghighi, Elham, G._ Palm, M._ Rahmati, and Mohammad Javad Yazdanpanah. "A new class of multi-stable neural networks: Stability analysis and learning process." *NEURAL NETWORKS* 65, no. 65 (2015): 53-64.
- 63) Zardashti, R.-, Mohammad Javad Yazdanpanah, and A.A. Nikkhah. "Nonlinear Multiobjective Time-Dependent TF/TA Trajectory Planning Using a Network Flow-Based Algorithm." *Journal of Aerospace Engineering* 10, no. 1061 (2015): 04015041.
- 64) Golestani, Mehdi, Iman Mohammadzaman, Mohammad Javad Yazdanpanah, and Ahmad Reza Vali. "Application of Finite-Time Integral Sliding Mode to Guidance Law Design." *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME* 137, no. 11 (2015): 114501.
- 65) Mohseni, Seyed Saleh, Mohammad Javad Yazdanpanah, and Abolfazl Ranjbar N. "New strategies in model order reduction of trajectory piecewise-linear models." *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields* 29, no. 4 (2015): 707-725.
- 66) Golestani, Mehdi, Iman Mohammadzaman, and Mohammad Javad Yazdanpanah. "Robust finite-time stabilization of uncertain nonlinear systems based on partial stability." *Nonlinear Dynamics* 85, no. 1 (2016): 87-96.
- 67) Vafaei, Alaleh, and Mohammad Javad Yazdanpanah. "A chain observer for nonlinear long constant delay systems: A matrix inequality approach." *Automatica* 65, no. 1 (2016): 164-169.
- 68) Peimani, Mansour, Mohammad Javad Yazdanpanah, and Naser Khaji. "Adaptive Dynamic Surface Control of Bouc-Wen Hysteretic Systems." *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME* 138, no. 9 (2016): 091007.
- 69) Karami, Ali, Mohammad Javad Yazdanpanah, and Behzad Moshiri. "Stability analysis for a class of nonlinear switched systems using variational principle." *JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS* 353, no. 16 (2016): 4133-4155.
- in domain of attraction estimation." *IMA Journal of Mathematical Control and Information* 32, no. 1 (2017): dnw071.
- 70) Yaghmaee, Abolfazl, and Mohammad Javad Yazdanpanah. "Padé-like approximation and its application
- 71) Yaghmaee, Abolfazl, and Mohammad Javad Yazdanpanah. "Trajectory tracking for a class of contractive port Hamiltonian systems." *Automatica* 83, no. 1 (2017): 331-336.
- 72) Seyed Saleh Mohseni, Seyed Saleh, Mohammad Javad Yazdanpanah, and Abolfazl Abolfazl Ranjbar Noei. "Model order reduction of nonlinear models based on decoupled multi-model via trajectory piecewise linearization." *International Journal of Control, Automation and Systems* 15, no. 5 (2017): 2088-2098.
- 73) Bahrain, Masoud, Milad Ghanbari, and Mohammad Javad Yazdanpanah. "Continuous control of sampled data systems with robustness against bounded measurement errors." *Transactions of the Institute of Measurement and Control* 1, no. 1 (2017): 014233121771698.
- 74) Karami, Ali, Mohammad Javad Yazdanpanah, and Behzad Moshiri. "Robust switching signal estimation for a class of uncertain nonlinear switched systems." *International Journal of Control* 1, no. 1 (2017): 1-9.
- 75) Hosseinzadeh, Mehdi, and Mohammad Javad Yazdanpanah. "Robust adaptive passivity-based control of open-loop unstable affine non-linear systems subject to actuator saturation." *IET Control Theory and Applications* 11, no. 16 (2017): 2731-2742.

76) Badri, Vahid, Mohammad Javad Yazdanpanah, and Mohammad Saleh Tavazoei. "On Stability and Trajectory Boundedness of Lotka–Volterra Systems With Polytopic Uncertainty." IEEE Transactions on Automatic Control 62, no. 12 (2017): 6423-6429.

مقالات چاپ شده در نشریات داخلی

1) , HR Karimi, and Mohammad Javad Yazdanpanah. "Robust Stability Analysis of Singularly Perturbed Systems Using the Structured Singular Values Approach." SCIENTIA IRANICA 9, no. 4 (2002): 425-432.

2) Yazdanpanah, Mohammad Javad, E MADANIAN , and A M FARAHMAND . "Channel Assignment in Cellular Communications Using a New Modification on Hopfield Networks." IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, TRANSCATION B: ENGINEERING 29, no. --- (2005): 459-467.

3) , masoud MIRMOUMENI , and Mohammad Javad Yazdanpanah. "AN UNSUPERVISED LEARNING METHOD FOR AN ATTACKER AGENT IN ROBOT SOCCER COMPETITIONS BASED ON THE KOHONEN NEURAL NETWORK." International Journal of Engineering-Transactions A: Basics 21, no. 3 (2008): 255-268.

4) , J Keighobadi, M Kabganian , and Mohammad Javad Yazdanpanah. "Fuzzy VariableLength Sliding Window Blockwise Least Square Algorithm with Application to vehicle Magnetic Heading Determination." Iranian Journal of Mechanical Engineering 8, no. 2 (2008): 59-78.

5) Yazdanpanah, Mohammad Javad, and Morteza Nazari Monfared. "Elimination of Hard-Nonlinearities Destructive Effects in Control Systems Using Approximate Techniques." AUT Journal of Modeling and Simulation 49, no. 2 (2017): 27-37.

6) Gorji, Shaghayegh, and Mohammad Javad Yazdanpanah. "A Novel Robust Adaptive Trajectory Tracking in Robot Manipulators." Journal of Computer & Robotics 10, no. 2 (2017): 1-10.

7) ، امجدی فرد ، حمیدی بهشتی ، محمدجواد یزدان پناه و مومنی . "رگولاسیون مقاوم یک بازوی رویات با اتصال انعطاف پذیر با استفاده از روش تفکیک دینامیک ها." نشریه دانشکده مهندسی دانشگاه فردوسی مشهد 17، 2 (1111): -.

8) یزدان پناه ، محمدجواد. "بررسی پایداری گذرا در سیستمهای قدرت با روشهای مستقیم." نشریه دانشکده مهندسی دانشگاه فردوسی مشهد -، 2 (1368): 64-33.

9) یزدان پناه ، محمدجواد و فلاح . "طراحی PSS غیر خطی بر اساس حل معادله ی HJB برای یک سیستم تک ماشینه." امیرکبیر 13، 52 (1381): 536-525.

10) یزدان پناه ، محمدجواد و بهزاد سیاه کلاه . "طراحی یک کنترلر مقاوم به روش H برای اینورتر PWM تکفاز سینوسی." مجله بین المللی مهندسی صنایع و مدیریت تولید 14، 1 (1382): 113-99.

11) ، سیامک گوشه ، مسعود تابش و محمدجواد یزدان پناه . "پیش بینی تقاضای کوتاه مدت آب شهر تهران با استفاده از شبکه های عصبی مصنوعی." نشریه دانشکده فنی دانشگاه تهران 41، 1 (1386): 24-11.

12) یزدان پناه ، محمدجواد، ابوالفضل یغمایی، ، سپهر طباطبایی و . "افقهای نو در مهندسی کنترل." فصلنامه آموزش مهندسی ایران 16، 62 (1393): 30-1.

13) زردشتی، رضا، امیر علی نیکخواه و محمدجواد یزدان پناه . "احتساب خطای ناوبری در طراحی مسیر پروازی بهینه و مقید بر فراز عوارض زمینی برای پرنده های بدون سرنشین." ماهنامه علمی پژوهشی مهندسی مکانیک مدرس 14، 12 (1393): 155-145.

همایش‌های بین المللی

1) , , Mohammad Javad Yazdanpanah, , and . "Shifted Frequency Sensitive Hierarchical SOM(SFS-HSOM), A Modified VQ with Neural Network." In the proceedings of The Second Iranian Conference on Machine Vision, Image Processing & Applications, K. N. Toosi University of Technology, Tehran.

2) , , Mohammad Javad Yazdanpanah, and . "Design of Mixed H2 /H Controller to a Half-Car Automotive Active Suspension System." In the Proceedings of the 11th Iranian Conference on Electrical Eng., Shiraz, May 1-1, 2003 .

3) Karimi, Hamid Reza, and Mohammad Javad Yazdanpanah. "Multi-objective H_{∞} control of singular systems." 11th Iranian Conference on Electrical Eng. (ICEE 03), Shiraz, May 1-5, 2003 .

4) , , Mohammad Javad Yazdanpanah, , and . "A modified method for codebook design with neural network in VQ sed image compression." ISCAS '03. Proceedings of the 2003 International Symposium on Circuits and Systems,, May 25-28, 2003 .

- 5) , , Mohammad Javad Yazdanpanah, and . "Stabilization of Inertia Wheel Pendulum using Output Feedback Back-stepping." In the proceedings of the 2003 IEEE International Conference on Control Applications,, June 23-25, 2003 .
- 6) Yazdanpanah, Mohammad Javad, and . "Air/Fuel Ratio Control in SI1 Engines Using a Combined Neural Network & Estimator." In the proceedings of the 2003 IEEE International Conference on Control Applications,,, June 23-25, 2003 .
- 7) Yazdanpanah, Mohammad Javad, and Mohammad Jalini. "Minimization of Actuator Repositioning in Delayed Processes Using Flexible Neural Networks." In the proceedings of the 2003 IEEE International Conference on Control Applications,, June 23-25, 2003 .
- 8) lucas, Karo, Mohammad Javad Yazdanpanah, and Mohammad Jalini. "Nonlinear Control and Disturbance Decoupling of an HVAC System via Feedback Linearization and Back-Stepping." In the proceedings of the 2003 IEEE International Conference on Control Applications,, June 23-25, 2003 .
- 9) , , Mohammad Javad Yazdanpanah, and . "K.?Performance Improvement of Active SuspensionSystem using Mixed H2/H_inf Technique." proceedings of the 2003 IEEE International iN Conference on Control Applications,, June 23-25, 2003 .
- 10) , , , Mohammad Javad Yazdanpanah, and . "Feedback linearization with sliding mode control of current arc length in GMAW systems." 4th IFAC Symposium on Robust Control Design (ROCOND 2003),,, June 25-27, 2003 .
- 11) , , , Mohammad Javad Yazdanpanah, and . "B.,?Discretetime sliding mode position control of an induction motor." 4th IFAC Symposium on Robust Control Design (ROCOND 2003),,, June 25-27, 2003 .
- 12) , , Mahmoud Nili Ahmadabadi, and Mohammad Javad Yazdanpanah. "Adaptive robust force tracking impedance control of redundant manipulators based on sliding mode control." in the Proceedings of ICAR 2003, The 11th International Conference on Advanced Robotics,, July 30-3, 2003 .
- 13) Yazdanpanah, Mohammad Javad, and . "Modification of Sliding Mode Controller by Neural Network with Application to a Flexible-link." In the proceedings of TheEuropean Control Conference (ECC 03), Cambridge, September 1-4, 2003 .
- 14) Yazdanpanah, Mohammad Javad. "Robust Regulation Of A Class Of Nonlinear Systems Using Singular Perturbation Approach." In the proceedings of TheEuropean Control Conference (ECC 03), Cambridge, September 1-4, 2003 .
- 15) , , and Mohammad Javad Yazdanpanah. "Transient Control And Voltage Regulation Of Power Systems Using Approximate Solution Of Hjb Equation." In the proceedings of TheEuropean Control Conference (ECC 03), Cambridge, September 1-4, 2003 .
- 16) , , , and Mohammad Javad Yazdanpanah. "Generalization of CLF-based nonlinear control systems." in the proceedings of The 4th IFAC workshop on time delay sytems,, September 8-10, 2003 .
- 17) Yazdanpanah, Mohammad Javad, and . "Robust Control of Mobile Robots Using Computed Torque Plus H-Infinity Compensation Method." In the Proceedings of the 42nd IEEE Conference on Decision and Control (CDC), Hawaii, December 9-12, 2003 .
- 18) Yazdanpanah, Mohammad Javad, , , and . "Robust Regulation of Synchronous Generator Parameters Using Singular Perturbation Approach." Int'l Conf. on System Identification and Control Problems, Moscow, January 1-1, 2004 .
- 19) , , [] [], and Mohammad Javad Yazdanpanah. "Stabilization Of Double Inverted Pendulum On A Cart By Using Integral-input-to-state-stability Concept." In the Proceedings of the 23rd IASTED International Conference Modelling, Identification, And Control, Grindelwald, April 21-23, 2004 .
- 20) , , , and Mohammad Javad Yazdanpanah. "Forecasting Daily Urban Water Demand Using Nueral Networks." In the Proceedings of the First National Congress on Civil Engineering, Tehran, May 1-1, 2004 .
- 21) , , and Mohammad Javad Yazdanpanah. "Performance Preserving Frequency Weighted Controller Reduction with Exact Solution for Low-Order Wights." In the proceeding of the 12th Iranian Conferences on Electrical Eng-ICEE04, Mashhad, May 16-16, 2004 .

- 22) , , and Mohammad Javad Yazdanpanah. "Robust Optimal Control Using Sliding-Mode Design:Unit Vector Approach." In The Proceeding Of The 12th Iranian Conference on Electrical Eng, Mashhad, May 22-22, 2004 .
- 23) Yazdanpanah, Mohammad Javad, Parviz Jabe darmalani, and . "Nonlinear Control of the Double inverted Prndulum." 12th Mediterranean Conference on Control and Automation,, June 6-9, 2004 .
- 24) , , and Mohammad Javad Yazdanpanah. "A QFT approach to robust control of automobiles active suspension." 5th asian control conference, Melbourne, June 21-24, 2004 .
- 25) , , and Mohammad Javad Yazdanpanah. "A novel low chattering sliding mode controller." 5th Asian Control Conference,, July 20-23, 2004 .
- 26) Yazdanpanah, Mohammad Javad, Parviz Jabe darmalani, and . "A Novel Adaptive Gain Scheduling Controller for Synchronous Generator." International Conference on Control Application, Taipei, September 2-4, 2004 .
- 27) , , and Mohammad Javad Yazdanpanah. "Observer based model reference sliding mode control of active suspension system." 6th IFAC-Symposium on nonlinear Control Systems-NOLCOS 2004,, September 2-4, 2004 .
- 28) , , Mohammad Javad Yazdanpanah, and . "A novel adaptive gain-scheduling controller for synchronous generator." Proceedings of the 2004 IEEE International Conference on Control Applications, Taipei, September 2-4, 2004 .
- 29) EMADI, M., Fariba Bahrami Bode Lalo, and Mohammad Javad Yazdanpanah. "Simulation of the STS Transfer Using a MLP without Embedded Internal Feedback." 8th Vienna International Workshop on Functional Electrical Stimulation, Vienna, September 10-13, 2004 .
- 30) Tabesh, Massoud, Siamak Gousheh, and Mohammad Javad Yazdanpanah. "Short-term water demand estimation using Artificial Neural Networks." the IWA 4th World Water Congress and Exhibition, Marrakech, September 19-24, 2004 .
- 31) , , Mohammad Javad Yazdanpanah, and . "design of a nonlinearoptimal controller for active suspension system in order to vertical motion control of automotive." 5th international workshop on research and education in mechatronics,, October 1-2, 2004 .
- 32) EMADI, M., Fariba Bahrami Bode Lalo, Mohammad Javad Yazdanpanah, and . "Movement prediction using an MLP without internal feedback." International conference on systems, man and cybernetics -IEEE SMS 2004, The Hague, October 10-13, 2004 .
- 33) , , Mohammad Javad Yazdanpanah, and . "Tracking Control of A Mobile Robot Using A Genetically Tuned MiXed H2/H-inf Adaptive technique." proceedings of the 2004 IEEE conference on robotics automation and mechatronics singapore,, December 2-4, 2004 .
- 34) , , Mohammad Javad Yazdanpanah, and . "A New Sliding Mode Four Slip Control Of Anti-Lock Brake Systems." In the Proceedings of IMEC2004 (International Mechanical Engineering Conference),, December 5-8, 2004 .
- 35) , , Mohammad Javad Yazdanpanah, , and Ali Afzali-Kusha. "Study of Super Cut-Off CMOS Technique in Presence of the Gate Leakage Current." Proceedings of the 16th International Conference on Microelectronics, Tunis, December 6-8, 2004 .
- 36) , , Mohammad Javad Yazdanpanah, , and . "A New Sliding Mode Four Wheel Slip Control Of Anti-Lock Brake Systems." Proceedingof IMEC2004 International Mechanical Engineering Conference, Kuwait, December 6-9, 2004 .
- 37) , , and Mohammad Javad Yazdanpanah. "Reduced orde observer based H-inf controller design for two nostandard problems." 43rd IEEE Conference on Decision and Control (CDC04),, December 15-18, 2004 .
- 38) Yazdanpanah, Mohammad Javad. "Output Regulation of Perturbed Nonlinear Systems by Nested Sliding Mode Control." Intenational Conference on Computational intelligence, Istanbul, December 18-20, 2004 .
- 39) , , Mohammad Javad Yazdanpanah, and Naser Yazdani. "Regulating Parameters of A Neural Controller Based PI with Genetic Algorithms and its Application on Controlling Queue Lengths in Computer networks." CSICC 2005, Tehran, March 4-5, 2005 .
- 40) Yazdanpanah, Mohammad Javad, Parviz Jabe darmalani, Behzad Moshiri, and . "Successive Leveraged Wavelet-Galerkin for Sub-Optimal Control of Nonlinear Systems." SIAM 2005, Stockholm, April 21-23, 2005 .

- 41) , , Mohammad Javad Yazdanpanah, and . "A New Strategy for reconfigurable control system design using eigenstructure assignment." In the Proceedings of the 13th Iranian Conference on Electrical Eng., Zanjan, May 10-12, 2005 .
- 42) Yazdanpanah, Mohammad Javad. "Nested Continuous Sliding Mode Control for Matched and Unmatched Uncertainty Rejection in Nonlinear Systems." the Proceedings of the 13th Iranian Conference on Electrical Eng. (ICEE 05), Zanjan, May 10-12, 2005 .
- 43) Yazdanpanah, Mohammad Javad. "Nested Continuous Sliding Mode Control for Matched and Unmatched Uncertainty Rejection in Nonlinear Systems." In the Proceedings of the 13th Iranian Conference on Electrical Eng., Zanjan, May 10-15, 2005 .
- 44) , , and Mohammad Javad Yazdanpanah. "More Efficient Portfolio in Markowitz Portfolio Selection Problem." Optimization Conference, Sponsored by the SIAM Activity Group on Optimization, Stockholm, May 15-19, 2005 .
- 45) Yazdanpanah, Mohammad Javad, Parviz Jabe darmalani, Behzad Moshiri, and . "Robust Control of Uncertain Parameterdependent Systems." ICEE 2005, Zanjan, May 28-30, 2005 .
- 46) , , and Mohammad Javad Yazdanpanah. "Designing a Linear Controller for Polynomial Systems with the Largest Domain of Attraction via LMIs." the Proceedings of The Fifth International Conference on Control and Automation, Budapest, June 27-29, 2005 .
- 47) Yazdanpanah, Mohammad Javad, and . "A new Approach to H_∞ Controller Design with Regional Pole Assignment." In the Proceedings of The Fifth International Conference on Control and Automation (ICCA 2005), Budapest, June 27-29, 2005 .
- 48) Yazdanpanah, Mohammad Javad. "A new Approach to H_∞ Controller Design with Regional Pole Assignment." the Proceedings of The Fifth International Conference on Control and Automation (ICCA 2005), Budapest, June 27-29, 2005 .
- 49) Yazdanpanah, Mohammad Javad. "Robust Tracking of Perturbed Nonlinear Systems by Nested Sliding Mode Control." Proceedings of The Fifth International Conference on Control and Automation, Budapest, June 27-29, 2005 .
- 50) , , , and Mohammad Javad Yazdanpanah. "Output Feedback Reconfigurable Controller Design using Eigenstructure Assignment: Post-Fault Order Change." the Proceedings of The Fifth International Conference on Control and Automation 2005, Budapest, June 27-29, 2005 .
- 51) , , Mohammad Javad Yazdanpanah, and Mohammad Jalini. "Modeling and Control of Washing Machine Based on approximate Solution of HJB Equation." the Proceedings of The Fifth International Conference on Control and Automation, Budapest, June 27-29, 2005 .
- 52) , , and Mohammad Javad Yazdanpanah. "Reconfigurable Sliding-Mode Control Design using Genetic Algorithms and Eigenstructure Assignment." Proceedings of The Fifth International Conference on Control and Automation (ICCA 2005), Budapest, June 27-29, 2005 .
- 53) Yazdanpanah, Mohammad Javad. "Locally Constrained Optimal and Globally Stable Backstepping Design." the Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .
- 54) Yazdanpanah, Mohammad Javad. "Robust Control of Time Delay Systems through a Structured Uncertainty Approach." the Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .
- 55) Yazdanpanah, Mohammad Javad. "A Singularly Perturbed Model for Robust Control of Linear Single-Link Flexible Manipulator." Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .
- 56) Yazdanpanah, Mohammad Javad, and . "Robust Regulation of a Class of Nonlinear Singularly Perturbed Systems." Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .
- 57) Yazdanpanah, Mohammad Javad, and . "A New Active Queue Management Algorithm based on Neural Networks PI." Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .
- 58) Yazdanpanah, Mohammad Javad, and Mohammad Jalini. "Nonlinear Control, Disturbance Decoupling and Load Estimation in HVAC Systems." Proceedings of 16th IFAC World Congress, Prague, July 4-8, 2005 .

- 59) , , Mohammad Javad Yazdanpanah, and Naser Yazdani. "A NEW ACTIVE QUEUE MANAGEMENT ALGORITHM BASED ON NEURAL NETWORKS PI." 16th IFAC World Congress, Prague, July 5-9, 2005 .
- 60) , , and Mohammad Javad Yazdanpanah. "Model Reduction Based on the Frequency Weighted Hankel-Norm Using Genetic Algorithm and Its Application to the Power Systems." Proceedings of the 2005 IEEE International Conference on Control Applications, Toronto, August 28-31, 2005 .
- 61) , , and Mohammad Javad Yazdanpanah. "Network Routing Based on Reinforcement Learning in Dynamically Changing Networks." 17th IEEE International Conference on Tools with Artificial Intelligence, Hong Kong, November 14-16, 2005 .
- 62) , , , Mohammad Javad Yazdanpanah, and . "Torque Control of Sensorless IM Based on Adaptive Feedback Linearization with Unknown Stator and Rotor Resistances in Consideration of Core Loss." International Conference on Power Electronics and Drive Systems, Kuala Lumpur, December 28-1, 2005 .
- 63) , , and Mohammad Javad Yazdanpanah. "Locally Optimal Takagi-Sugeno Fuzzy Controllers." 44th IEEE Conference on Decision and Control, and the European Control Conference, Sevilla, December 12-15, 2005 .
- 64) Yazdanpanah, Mohammad Javad, and . "Parameter adjustment of a PI neural controller for regulation of the queue length in computer networks." In the proceedings of the 10th Annual CSI Computer Conference, Tehran, January 15-17, 2006 .
- 65) , , , , and Mohammad Javad Yazdanpanah. "Velocity Control of an Electro Hydraulic Servosystem." 2006 IEEE International Conference On Networking, Sensing and Control, Florida, April 23-25, 2006 .
- 66) , , Mohammad Javad Yazdanpanah, and . "Implementation of inertial navigation toolbox in Simulink environment with real time processing ability." the proceedings of The 14th Annual International Conference of Mechanical Engineering, ISME2006, Isfahan, May 16-18, 2006 .
- 67) , , , , and Mohammad Javad Yazdanpanah. "Nonlinear control of mobile robots via fuzzy technique." the proceedings of The 14th Annual (International) Conference of Mechanical Engineering, ISME2006, Isfahan, May 16-18, 2006 .
- 68) , , , , and Mohammad Javad Yazdanpanah. "Improved adaptive feedback linearization control of induction motors based on online estimation of core loss and rotor resistance." International Symposium on Power Electronics, Electrical Drives, Automation and Motion, SPEEDAM 2006,, May 23-26, 2006 .
- 69) , , and Mohammad Javad Yazdanpanah. "Channel Assignment using Chaotic Simulated Annealing Enhanced Hopfield Neural Network." 2006 IEEE World Congress on Computational Intelligence, Vancouver, July 16-21, 2006 .
- 70) , , and Mohammad Javad Yazdanpanah. "Image Compression using An Enhanced Self Organizing Map Algorithm with Vigilance Parameter." 2006 IEEE World Congress on Computational Intelligence, Vancouver, July 16-21, 2006 .
- 71) , , Mohammad Javad Yazdanpanah, Mohammad Jalini, , and . "Development of Reinforcement Learning Methods in Control and Decision Making in the Large Scale Dynamic Game Environments." ". IEEE International Conference on Control Applications, IEEE International Symposium on Computer-Aided Control Systems Design, and IEEE International Symposium on Intelligent Control, CCA/CACSD/ISIC, Munich, August 28-30, 2006 .
- 72) , , , , and Mohammad Javad Yazdanpanah. "Horizontal Steam Generator Identification using NARX Recurrent Neural Network." International Conference on Nuclear Energy for New Europe 2006, Portoro?, September 18-21, 2006 .
- 73) , , Mohammad Javad Yazdanpanah, Karo lucas, Ashkan Rahimi-Kian, and Majid Nili Ahmad Abadi. "Development of Reinforcement Learning Methods in Control and Decision Making in the Large Scale Dynamic Game Environments #)." IEEE-International Symposium on Intelligent Control, Munich, October 4-6, 2006 .
- 74) , , and Mohammad Javad Yazdanpanah. "Semi-global enlargement of domain of attraction for a class of affine nonlinear systems." Proceedings of the 2006 IEEE International Symposium on Intelligent Control Munich, Munich, October 4-6, 2006 .
- 75) , , , , and Mohammad Javad Yazdanpanah. "Stability analysis of sensorless IM based on adaptive feedback linearization control with unknown stator and rotor resistances." IEEE Industry Application Conference 40 Annual Meeting, Hongkong, October 2-6, 2006 .

- 76) , , , and Mohammad Javad Yazdanpanah. "Torque Control of Sensorless IM Based on Adaptive Feedback Linearization with Unknown Stator and Rotor Resistances in Consideration of Core Loss." International Conference on Power Electronics and Drive Systems, PEDS 2005, Kuala Lumpur, December 1-1, 2006 .
- 77) , , , , and Mohammad Javad Yazdanpanah. "Horizontal Steam Generator Identification using NARMAX Metod." 15th International Conference on Nuclear Engineering, Nagoya, April 22-26, 2007 .
- 78) , , Mohammad Javad Yazdanpanah, and . "Design of an inertial navigation systems for vehicles." 15th Annual-International Conference on Mechanical Engineering, Tehran, May 15-17, 2007 .
- 79) , , , and Mohammad Javad Yazdanpanah. "Analysis of the Dynamical Behavior of a feedback auto-associative memory." International Symposium on Neural Network, Nanjiang, June 3-7, 2007 .
- 80) shirani, farshad, Babak Nadjar Araabi, and Mohammad Javad Yazdanpanah. "Fuzzy-Model-Based Exponentially Stabilizing Nonlinear Systems in the Presence of Modeling Error." IEEE International Conference on Systems, Man and Cybernetics, Montreal, September 23-25, 2007 .
- 81) , , Mohammad Javad Yazdanpanah, , , , and . "Position Coordination of a Linear Teleoperation System with Constant Time Delay." 2007 IEEE/RSJ International Conference on Intelligent Robots and Systems, Sandiego, November 29-2, 2007 .
- 82) , , , and Mohammad Javad Yazdanpanah. "Hindcasting of storm waves using neural networks." 2nd Disaster Management Conference, Tehran, December 25-26, 2007 .
- 83) , , , and Mohammad Javad Yazdanpanah. "A Neural-Network-Based Controller for a Single-Link Flexible Manipulator Comparison of FFNN and DRNN Controllers." International Joint Conference on Neural Networks, Hong Kong, June 1-6, 2008 .
- 84) , , and Mohammad Javad Yazdanpanah. "Computing Optimized Nonlinear Sliding Surfaces." 2008 Chinese Control and Decision Conference,, July 2-4, 2008 .
- 85) , , , and Mohammad Javad Yazdanpanah. "Design and Real Time Implementation of a Fuzzy Tuned H Estimator in a Low Cost AHRS." 17th World Congress The International Federation of Automatic Control, Seoul, July 6-11, 2008 .
- 86) Yazdanpanah, Mohammad Javad, , and . "Nonlinear H-infinity Control of a Bilateral Nonlinear Teleoperation System." 17th World Congress The International Federation of Automatic Control, Seoul, July 6-11, 2008 .
- 87) , , and Mohammad Javad Yazdanpanah. "A Model Predictive Control Approach to Predict Sliding Surface." 17th World Congress The International Federation of Automatic Control, Seoul, July 6-11, 2008 .
- 88) Yazdanpanah, Mohammad Javad, , and Jawad Faiz. "Robust Speed Control of Pmsm Using Mixed Nonlinear H-infinity/SMC Techniques." 17th World Congress The International Federation of Automatic Control, Seoul, July 6-11, 2008 .
- 89) , , and Mohammad Javad Yazdanpanah. "Nonlinear sliding surfaces; Computing and existence of solution." International Conference on Control, Automation and Systems (ICCAS), Seoul, October 14-17, 2008 .
- 90) farrokh payam, amir, Morteza Fathi pour, and Mohammad Javad Yazdanpanah. "Design of a Hybrid Control System for Atomic Force Microscope Using Adaptive Nonlinear Observer and Backstepping Controller." 2th International Congress on Nanoscience and Nanotechnology ICNN 2008, Tabriz, October 27-29, 2008 .
- 91) , , , and Mohammad Javad Yazdanpanah. "Design of a Hybrid Control System for Atomic Force Microscope Using adaptive Nonlinear Observer and Backstepping Controller." 2nd International Congress on Nanoscience and Nanotechnology ICNN2008, Tabriz, October 28-30, 2008 .
- 92) farrokh payam, amir, Morteza Fathi pour, and Mohammad Javad Yazdanpanah. "A Backstepping Controller for Piezoelectric Actuators with Hysteresis in Nanopositioning." proc. of 4th IEEE Int.Con. on Nano/Micro in Jineered and Molecular Systems, 2009, Shenzhen, January 5-8, 2009 .

93) farrokh payam, amir, Mohammad Javad Yazdanpanah, and Morteza Fathi pour. "Design of a Feedforward Controller for AFM Nanopositioning Based on Neural Network Control Theory." proc. of 4th IEEE Int.Con. on Nano/Micro in Jineered and Molecular Systems, 2009, Shenzhen, January 5-8, 2009 .

94) , , , and Mohammad Javad Yazdanpanah. "A spatial logistic regression model for simulating land use patterns A case styudy Shiraz metropolitan area of Iran." 2nd international conference on earth observation for global changes EOGC 2009,, May 25-29, 2009 .

95) , , Mohammad Javad Yazdanpanah, , and . "Tracking Normal Action Potential Based on the FHN Model Using Adaptive Feedback Linearization Technique." IEEE Multi-conference on Systems and Control, Yokohama, September 8-10, 2010 .

96) , , and Mohammad Javad Yazdanpanah. "Chattering Reduction by the means of Intelligent Sliding mode Controller." International Conference on Control Automation and Systems, Suwon, October 27-30, 2010 .

97) , , , Mohammad Javad Yazdanpanah, and . "Tip Position Tracking of Flexible-Link Manipulators Based on Online Robust Trajectory Modification." 36th Annual Conference on IEEE Industrial Electronics Society, Arizona, November 7-10, 2010 .

98) , , Mohammad Javad Yazdanpanah, and . "A Finite-Time Tracker for Nonholonomic Systems Using Recursive Singularity-Free FTSM." American Control Conference, California, July 29-1, 2011 .

99) , , , and Mohammad Javad Yazdanpanah. "Analytic Approximate Solution to the Nonlinear Output Regulation Problem Using Galerkin Approximation Method." 18th IFAC World Congress, Milano, September 28-2, 2011 .

100) , , and Mohammad Javad Yazdanpanah. "Set-point Regulation of Constrained Strongly Monotone Systems." 18th IFAC World Congress, Milano, September 28-2, 2011 .

101) , , , , Mohammad Javad Yazdanpanah, , and . "Uncertainty Framework in Land Use Change Models: An Application of Data Model Parameter and Model Outcome Uncertainty in Land Transformation Model." 7th International Symposium on Spatial Data Quality (ISSDQ 2011, Coimbra, October 12-14, 2011 .

102) , , , , Mohammad Javad Yazdanpanah, , and . "Model Parameter Uncertainty Assessment in the Land Transformation Model." 7th International Symposium on Spatial Data Quality (ISSDQ 2011, Coimbra, October 12-14, 2011 .

103) , , Mohammad Javad Yazdanpanah, and . "Astrocyte-Inspired Controller Design for Desynchronization of Two Coupled Limit-Cycle Oscillators." IEEE Conference on Nature and Biologically inspired computing, Salamanca, October 19-21, 2011 .

104) , , , and Mohammad Javad Yazdanpanah. "Seabed Tracking of an Autonomous Underwater Vehicle with Nonlinear Output Regulation." 50th IEEE Conference on Decision and Control and European Control Conference, Florida, December 12-15, 2011 .

105) Yazdanpanah, Mohammad Javad, , , and . "On Dynamic Models of Human Emotion." The 20th Iranian Conference on Electrical Engineering, Tehran, May 15-17, 2012 .

106) , , Mohammad Javad Yazdanpanah, and . "Controller Design for Fractional Order Chaotic Lu System." 2012 American Control Conference, Montreal, June 27-29, 2012 .

107) , , , , Majid Nili Ahmad Abadi, and Mohammad Javad Yazdanpanah. "Controllers for robust hopping with upright trunk based on the Virtual Pendulum concept." IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS, Algarve, October 7-12, 2012 .

108) Farjadian, A. B., Mohammad Javad Yazdanpanah, and Bahram Shafai. "Application of reinforcement learning in sliding mode control for chattering reduction." World Congress on Engineering, WCE 2013, London, July 3-5, 2013 .

109) Vafaei, Alaleh, and Mohammad Javad Yazdanpanah. "Terminal Sliding Mode Impedance Control for Bilateral Teleoperation under Unknown Constant Time Delay and Uncertainties." 2013 European Control Conference (ECC), Zurich, July 17-19, 2013 .

- 110) Dolatabadi, SMH, and Mohammad Javad Yazdanpanah. "Tracking control of a quad-rotor using sliding mode technique." The 6th RoboCup IranOpen International Symposium and the 4th joint conference of AI & Robotics, Qazvin, April 9-12, 2014 .
- 111) Vafaei, Alaleh, and Mohammad Javad Yazdanpanah. "Observer design for a class of nonlinear systems with long delay in output measurements: an LMI approach." European Control Conference (ECC), June 24-27, 2014 .
- 112) Peimani, Mansour, and Mohammad Javad Yazdanpanah. "Passivity-Based Control of Bouc-Wen Hysteretic Structural Systems." 5th International Conference on Acoustics & Vibration (ISAV2015), Tehran, November 25-26, 2015 .
- 113) Yaghmaei, Abolfazl, and Mohammad Javad Yazdanpanah. "Trajectory tracking of a class of port Hamiltonian systems using Timed IDA-PBC technique." IEEE 54th Annual Conference on Decision and Control (CDC), Osaka, December 15-18, 2015 .
- 114) Din, Afshin, and Mohammad Javad Yazdanpanah. "Estimation of the domain of attraction of free tumor equilibrium point of perturbed tumor immunotherapy model." 4th International Conference on Control, Instrumentation, and Automation (ICCIA), Qazvin, January 27-27, 2016 .
- 115) Tabatabaei, S.S., Mohammad Javad Yazdanpanah, and M. S. Tavazoei. "Formulation and Numerical Solution for Fractional Order Time Optimal Control Problem Using Pontryagin's Minimum Principle." 20th IFAC World Congress,, July 9-14, 2017 .
- 116) Nazari Monfared, Morteza, and Mohammad Javad Yazdanpanah. "Optimal Dynamic Lyapunov Function and The Largest Estimation of Domain of Attraction." 20th IFAC World Congress,, July 9-14, 2017 .
- 117) Yazdanpanah, Mohammad Javad. "New result on input-to -state stability." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 118) Yazdanpanah, Mohammad Javad. "Robust identification of nonlinear systems using neural networks." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 119) Yazdanpanah, Mohammad Javad. "Control of actuator repositioning in hvac systems." in the proceedings of The 8th Iranian Conference on Elwctrical Eng,, January 1, 2000 .
- 120) Yazdanpanah, Mohammad Javad. "Minimization of control signal oscillations in hvac systems using reinforcement learning." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 121) Yazdanpanah, Mohammad Javad. "Chammel Assignment in cellulaar communications Using a Mew Modification on Hopffield neural networks." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 122) Yazdanpanah, Mohammad Javad. "Robust stability Analysis of singularly perturbed systems using strucreed singular value." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 123) Yazdanpanah, Mohammad Javad. "Prediction through Interacting multiple model." in the proceedings of The 8th Iranian Conference on Elwctrical Eng,, January 1, 2000 .
- 124) Yazdanpanah, Mohammad Javad. "Stability analysis of a class of nonlinear uncertain systems via pseudo time approach." 3rd IFAC RCOND Symposium,, January 1, 2000 .
- 125) Yazdanpanah, Mohammad Javad. "Monlinear flight control of helicopters." International Conference on Flying Bodies,, January 1, 2000 .
- 126) Yazdanpanah, Mohammad Javad. "Robust stability and Disturbance attenuation for a class of uncertain singularly perturbed sustems." Accepted for presentation at the 6th European Control conference,, January 1, 2001 .
- 127) Yazdanpanah, Mohammad Javad. "Robuaat control of singularly perturbed systems." in the proceedings of The 8th Iranian Conference on Elwctrical Eng,, January 1, 2000 .
- 128) Yazdanpanah, Mohammad Javad. "Utilizing aple and matlab for modeling flexible -kink manipulators and designing nonlinear h&controllers." Technical Report, Dept. of ECE, Concordia Universi,, January 1, 1995 .
- 129) Yazdanpanah, Mohammad Javad. "Comparision of kinear an nonlinear Hcontrol for flexible-link manipulatn." American Control Conference,, December 30, 1997 .

- 130) Yazdanpanah, Mohammad Javad. "Control of non-minimum phase systems using sliding mode technique." in the proceedings of The 8th Iranian Conference on Elwctrical Eng,, January 1, 2000 .
- 131) Yazdanpanah, Mohammad Javad. "Impedance control of redundant manipulators using sliding mode control i." in the proceedings of The 9th Iranian Conference on Elwctrical Eng,, January 1, 2001 .
- 132) Yazdanpanah, Mohammad Javad. "Low-cost Rotating -enginfe speed control iusing event -detection in presence of uncrtainities or disturbances." Accepted for presentation at the 6th European Control conferrnce,, January 1, 2001 .
- 133) Yazdanpanah, Mohammad Javad. "Two Approximate solutions toHJI Equation vfa state Dependent riccati equation." Accepted for presentation at the 6th European Control conferrnce,, January 1, 2001 .
- 134) Yazdanpanah, Mohammad Javad. "Potentials of pseudo time approach in analysis of time varying and uncertain systems." Sixth International Conference on Control, Automation,, January 1, 2000 .
- 135) Yazdanpanah, Mohammad Javad. "Comparison of Linear and Nonlinear h&control for a flexible -kink manipulator." CDC 97,, January 1, 1997 .
- 136) Yazdanpanah, Mohammad Javad. "Minimization of Actuator repositioning using internal model control." 4th Portuguese Conference on Automatic Control (,, January 1, 2000 .
- 137) Yazdanpanah, Mohammad Javad. "Robust control of singularly perturbed systems baded on a new modeling approach." Sixth International Conference on Control, Automat,, January 1, 2000 .
- 138) Yazdanpanah, Mohammad Javad. "Minimization of control signal oscillations in Delayed systems using H&techniques." in the proceedings of The 8th Iranian Conference on Elwctrical Eng,, January 1, 2000 .
- 139) Yazdanpanah, Mohammad Javad. "Robust regulation of a flexible -link manipulators based ona mew modeling approach." CDC 97,, January 1, 1997 .

همایش‌های داخلی

- 1) farrokh payam, amir, Morteza Fathi pour, and Mohammad Javad Yazdanpanah. "Atomic Force Microscope Real Time Modeling Control and Simulation." ICEE 2008, Tehran, May 13-15, 2008 .
- 2) farrokh payam, amir, Morteza Fathi pour, , and Mohammad Javad Yazdanpanah. "Estimation of Sample-Tip Height in Non-Contact Mode Atomic Force Microscopy Using an Adaptive Nonlinear Observer." ICEE 2009, Tehran, May 12-14, 2009 .
- 3) Nazari Monfared, Morteza, and Mohammad Javad Yazdanpanah. "Adaptive compensation technique for nonlinear dynamic and static models of friction." Iranian Conference on Electrical Engineering, ICEE 2015, Tehran, May 10-14, 2015 .
- 4) Naderi Lordejani, Sajjad, and Mohammad Javad Yazdanpanah. "Sliding mode pulse width modulation for voltage control of a Voltage Source Inverter." Iranian Conference on Electrical Engineering, ICEE 2015, Tehran, May 10-14, 2015 .
- 5) Dolatabadi, S.M.H., and Mohammad Javad Yazdanpanah. "MIMO sliding mode and backstepping ocontrol for a quad-rotor UAV." Iranian Conference on Electrical Engineering, ICEE 2015, Tehran, May 10-14, 2015 .
- 6) Gorji, Shaghayegh, and Mohammad Javad Yazdanpanah. "A Robust Adaptive Sliding Mode Controller for Robot Manipulators." 2017 Artificial Intelligence and Robotics (IRANOPEN),, April 9-12, 2017 .
- 7) Abdi, J, محمدجواد یزدان پناه و M Hadian. "تضعیف اغتشاش در سیستم های غیر خطی L2 محدوده ی عملکرد". In the Proceedings of the 11th Iranian Conference on Electrical Eng, Shiraz, 1382, 11-11, اردیبهشت 1382.
- 8) یزدان پناه , محمدجواد. "کنترل H_{∞} چند منظوره سیستم های آشفته تکین." Iranian Conference on Electrical Eng., Shiraz, 1382, 11-11, اردیبهشت 1382.
- 9) یزدان پناه , محمدجواد, S. Orafa و R Abdollahi. "شبه سازی نقاله های هوشمند." of Mechanical Engineering, Mashhad "In the proceedings of The 11th Annual Conference (International) 1382, 25-23, اردیبهشت 1382.
- 10) یزدان پناه , محمدجواد, A Lucas و A Jalali. "ارائه ی روش جدید خوشه بندی فازی عصبی Babolsar Sets and its Applications. Babolsar, خرداد 8-7, 1382. HSOM." In the proceedings of The 4th Seminar on Fuzzy

- 11) یزدان پناه ، محمدجواد و محمد جلیلی. "Fault Detection and Isolation on Flexible-Joint Manipulators." In the proceedings of The European Control Conference (ECC 03), Cambridge, 1382, 13-10. شهریور 1382.
- 12) Vasegh, N. "Optimal Nonlinear Transient Control with Neuro-AVR of Single-Machine Infinite-Bus Power Systems." In the Proceedings of the 42nd IEEE Conference on Decision and Control (CDC), Hawaii و محمدجواد و پناه ، M Jalili-Kharaajoo. "Stabilization of Double Inverted Pendulum On A Cart By Using Integral-input-to-state-stability Concept." In the Proceedings of the 23rd IASTED International Conference Modelling, Identification, And Control, Grindelwald, 1382, 6-4. اسفند 1382.
- 13) یزدان پناه ، محمدجواد و پناه ، محمد رضا و محمدجواد یزدان پناه . "آشوب و کاربرد آن به منظور جداسازی سیگنال فیبریلاسین بطنی." یازدهمین کنفرانس مهندسی پزشکی ایران، تهران، بهمن 28-29، 1382.
- 14) تابش، مسعود، سیامک گوشه و محمدجواد یزدان پناه . "ارائه یک رابطه برای پیش بینی مصرف روزانه آب شهری با استفاده از شبکه های عصبی مصنوعی." اولین گنگره ملی مهندسی عمران، تهران، اردیبهشت 23-24، 1383.
- 15) Afkhami, S. P. Jbedar Maralani. "Observer-based Model Reference Sliding-mode Control Of Active Suspension Systems." 6th IFAC-Symposium on Nonlinear Control Systems (NOLCOS 2004)، 1383, 13-11. شهریور 1383.
- 16) تابش، مسعود، گوشه و محمدجواد یزدان پناه . "ارائه یک رابطه برای پیش بینی مصرف روزانه آب شهری با استفاده از شبکه های عصبی مصنوعی." اولین کنفرانس ملی مهندسی عمران (NCCE 2004)، تهران، اردیبهشت 23-25، 1383.
- 17) تابش، مسعود، گوشه و محمدجواد یزدان پناه . "Simulation of the STS Transfer Using a MLP without Embedded Internal Feedback." 8th Vienna International Workshop on Functional Electrical Stimulation, Vienna, 1383, 23-20. شهریور 1383.
- 18) Ashari, AE. "More Efficient Portfolio in Markowitz Portfolio Selection Problem." Optimization Conference, Sponsored by the SIAM Activity Group on Optimization, Stockholm, 1384, 29-25. اردیبهشت 1384.
- 19) Emadi, M, F Bahrami. "Reconfigurable Sliding-Mode Control Design using Genetic Algorithms and Eigenstructure Assignment." In the Proceedings of The Fifth International Conference on Control and Automation (ICCA 2005), Budapest و محمدجواد و پناه ، AE Ashari. "Robust Tracking of Perturbed Nonlinear Systems by Nested Sliding Mode Control." In the Proceedings of The Fifth International Conference on Control and Automation (ICCA 2005), Budapest? محمدجواد. تیر 6-8، 1384.
- 20) یعقوبی، مجتبی، محمدجواد یزدان پناه و ناصر یزدانی. "تنظیم پارامترهای پگ کنترل کننده عصبی مبتنی بر PI به کمک الگوریتم ژنتیک و کاربرد آن در تنظیم طول صف در شبکه های کامپیوتری." دهمین کنفرانس سالانه انجمن کامپیوتر ایران، تهران، بهمن 28-30، 1383.
- 21) اثنا عشری، علی رضا، علی خاکی صدیق و محمدجواد یزدان پناه . "راهکاری جدید در طراحی کنترل کننده ی قابل شکل دهی مجدد با استفاده از جا یابی ساختار ویژه." In the Proceedings of the 13th Iranian Conference on Electrical Eng, زنجان، اردیبهشت 20-22، 1384.
- 22) Hatami Yazd, M. "A Simple And Efficient Training Algorithm To Store Desired Number Of Stable Equilibrium Points In Self-feedabck Neural Network Structures." 3rd International Conference on Natural Computation (ICNC'07), Haikou, 1386, 4-2. شهریور 1386.
- 23) شیرانی، فرشاد، بابک نجارعرابی و محمدجواد یزدان پناه . "مدلسازی فازی سیستم های غیر خطی به قصد پایداری و تخمین ناحیه جذب به کمک تابع لیاپانوف تکه ای-درجه دو." هشتمین کنفرانس سراسری سیستم های هوشمند (زیر مجموعه اولین گنگره مشترک سیستم های فازی و سیستم های هوشمند)، مشهد، شهریور 7-9، 1386.
- 24) یزدان پناه ، محمدجواد. "کنترل نظارتی سیستم های هایبرید." شانزدهمین کنفرانس مهندسی برق ایران، تهران، اردیبهشت 24-26، 1387.
- 25) Amiri, M, A Sadeghian. "پایش وضعیت سیستم های جداساز پایه با رفتار هیستریزس." کنفرانس ملی زلزله سازه و روش های محاسباتی، کرمان، مهر 27-28، 1390.

29) ، وحید پاشاآزاده، ارس ادهمی و محمدجواد یزدان پناه . "کنترل سوئیچینگ در میدل چند برابرکننده ولتاژ." بیستمین کنفرانس مهندسی برق ایران، تهران، اردیبهشت 26-28، 1391.

30) کارگر، سیدمحمد، کریم سلحشور و محمدجواد یزدان پناه . "طراحی کنترل کننده تحمل پذیر در برابر عیوب برای سیستم های غیر خطی با وجود محدودیت در ورودی با قابلیت افزایش ناحیه جذب." بیستمین کنفرانس مهندسی برق ایران، تهران، اردیبهشت 26-28، 1391.

31) طباطبایی، سپهر، محمدجواد یزدان پناه و محمد صالح تواضعی. "کنترل بهینه سیستمهای با مرتبه کسری: کاربرد در درمان بیماری های روانی." بیست و یکمین کنفرانس مهندسی برق ایران، مشهد، اردیبهشت 24-26، 1392.

32) پیمانی، منصور، محمدجواد یزدان پناه و ناصر خاجی. "شناسایی پارامتری سیستمهای شامل هیستریزیس با استفاده از روشهای مبتنی بر تخمین کمترین مربعات." بیست و یکمین کنفرانس مهندسی برق ایران، مشهد، اردیبهشت 24-26، 1392.