

Conference Publications (Persian)

1. *Design of multivariable adaptive fast sampling tracking systems*, A. Khaki- Sedigh, J. Kamali, Electrical Engineering Conference, K. N. Toosi University of Technology, Tehran, Iran, 1991.
2. *Adaptive tuning of PID gains using Neural Networks*, A. Khaki- Sedigh, A. Sodagar, ICEE'93, Tehran, Iran, May 1993.
3. *Modeling and implementation of alignment in inertial navigation systems*, B. Andisheh, A. Khaki- Sedigh, ICEE'93, Tehran, Iran, 1993.
4. *Design of multivariable power systems stabilizers using INA design technique*, A. Khaki- Sedigh, I. Rezaia, ICEE'93, Tehran Iran, 1993.
5. *Design of robust power system stabilizers using QFT and a comparison with classical and state- space methods*, ICEE'93, Tehran, Iran, 1993.
6. *Design of robust multivariable PSS using QFT and a comparison with LQR based PSS'S*, A. Khaki- Sedigh, G. Alizadeh, ICEE'94, Theran, Iran, 1994.
7. *Linear and nonlinear identification of 3- degree of freedom turn table*, N. Afshar, K. Haeri. A, Khaki- Sedigh, A. Mahdenfina, ICEE'94, Tehran, Iran, 1994.
8. *Tracking control for a 3- degree of freedom turn table*, K. Haeri, N. Afshar, A. Khaki- Sedigh, A. Mahdemina, ICEE'94, Tehran, Iran, 1994.
9. *Identification of the dynamics of stable platforms using Neural Networks*, H. Khaloozadeh, A. Khaki- Sedigh, R. Amjadi far, ICEE'94, Tehran, Iran, 1994.
10. *Adaptive control of stable platforms using Neural Networks*, H. Khaloozadeh, , A. Khaki- Sedigh, ICEE'94, Tehran, Iran, 1994.
11. *Robust Internal stability theorem for inversion- based sequential procedure of multivariable QFT*, F. Kazemi, A. Khaki- Sedigh, ICEE-96, University of Tehran, May 13-16, 1996.
12. *Uncertainty template generation in QFT using GA's*, M. Behbehani, A. Khaki- Sedigh, C. Lucas, ICEE 96, university of Tehran, May 13-16, 1996.
13. *Decoupling and control of multivariable systems using Neural Networks*, A. Khaki- Sedigh, K. Family, C. Lucas, ICEE 96, May 13-16, 1996.
14. *Design of robust SVC for improving dynamical behavior of induction motors using QFT and Kharitonov theory*, M. Abedi, A. Taher, A. Khaki- Sedigh, H. Seifi, ICEE 96, University of Tehran, May 13-16, 1996.
15. *Design of robust controllers for compensating reactive power in industrial networks using LQG/LTR techniques*, A. Taher, H. Seifi, M. Abedi, A. Khaki- Sedigh, 11th International power system conference, Tehran, pp 308-317, Nov., 1996.
16. *Design of robust controller using QFT for the control of the injection of anesthesia*, 8th Iranian conference on Biomedical Engineering, ICBME 96, Amirabir University of Technology, pp 151-158, Dec. 19-23, 1996.
17. *Design and implementation of a predictive Fuzzy controller for an industrial furnace*, A. Khaki- Sedigh, N. Afshar, M. Afazelli, IFAC Symposium on AI in Real-time control, AIRTC 97, Malaysia, 1997.
18. *Intelligent loopshaping in QFT*, A. Khaki- Sedigh, M. Behbehani, C. Lucas, ICEE 97, Sharif university of Technology, May 7-9, 1997.
19. *Stabilization of on-off controllers using Fuzzy sets*, H. Momeni, G. Montazar, A. Khaki- Sedigh, ICEE 97, Sharif University of Technology, May 1-9, 1997.
20. *Design of robust multivariable digital PID controllers using step- response matrices for a Drum- type 500 MW boiler*, R. Amjadi- Far, A. Khaki- Sedigh, 12th International power system conference, Tehran, 3-5 Nov., 1997.
21. *H ∞ controller design for SVC in an industrial Power System*, M. Abedi, S.A. Taher, A. K. Sedigh, H. Seifi, ICEE 98, Tehran, Iran, May 1998.
22. *Robust multivariable adaptive control in the presence of bounded disturbances and unmodelled dynamics*, A. Khaki- Sedigh, M. T. Khomiran, ICEE 98, Tehran, Iran, May 1998.
23. *A new method for the design of robust relay controllers for robots*, H. Momeni, G. Montazar, A. Khaki- Sedigh, ICEE 98, Tehran, Iran, May 1998.
24. *Design of an adaptive autopilot for a ground- to- air missile and the elimination of pressure sensor and rate gyro*, A. Khaki- Sedigh, S. K. H. Sani, ICEE 98, Tehran, Iran, May 1998.
25. *Identification and adaptive control of induction motors using vector control and neural networks*, A. B. Khalili, A. Khaki- Sedigh, A. Afshar, ICEE 98, Tehran, Iran, May 1998.
26. *Output Feedback diagonal dominance via H ∞ theory*, A. Khaki- Sedigh, B. Labibi, ICEE99, Tehran, Iran, 1999.
27. *H ∞ controller design for SVC to enhance the voltage profile in industrial networks*, A. Taher, A. Abedi, H. Seifi, A. Khaki- Sedigh, ICEE 99, Tehran, Iran, 1999.

28. *Adaptive control of time delayed systems with variable delay*, A. Tehrani, A. Khaki- Sedigh, C. Lucas, ICEE 99, Tehran, Iran, May 1999.
29. *Design of an adaptive multivariable autopilot for an anti-tank missile*, A. Baran-Zadeh, A. Khaki- Sedigh, ICEE 99, Tehran, Iran, May 1999.
30. *Optimal control using measure theory*, A. Zareh, A. Khaki- Sedigh, First Conference on optimization and its applications, Mashad, Iran, 1999.
31. *Reduction of Maximum Overshoot using Emotional Learning*, M. Fatourechi, C. Lucas, A. Khaki-Sedigh, ICEE 2000, Isfahan, Iran.
32. *Reduction of Control Effort using Emotional learning*, M. Fatourechi, C. Lucas, A. Khaki-Sedigh, ICEE2001, PWIT, Tehran, Iran, May 2001.
33. *Analysis of the Process of Generating of Share Prices in Tehran Stock Market*, H. Khaloozadeh, A. Khaki-Sedigh, C. Lucas, ICEE2001, PWIT, Tehran Iran, May 2001.
34. *Predictability and Correlation Analysis of Weather Data*, A. Khaki- Sedigh, M. Zamanian, ICEE2001, PWIT, Tehran, Iran, May 2001.
35. *Chemical Data Fusion and X-Ray imaging in the Fruit Quality Control*, M. Seddighi Anaraki, A. Khaki-Sedigh, and B. Moshiri, The 2nd Iranian Conference on Machine Vision & Image Processing, K. N. Toosi University of Technology, Tehran, Feb 13-15, 2003.
36. *Design of Emotional Learning Controllers Based on Context Study for Multi-Objective Control systems*, F. Rashidi, C. Lucas, A. Khaki-Sedigh, ICEE2003, University of Shiraz, Iran, May 2003.
37. *QFT and EEAS Robust controller design using GA*, A. Khaki-Sedigh, M. Hadian, 5th Conference of Intelligent Systems, Ferdowsi University of Mashad, Iran, 14-16 October 2003.
38. *A New Method for Automatic QFT Loop-Shaping Using Genetic Algorithm and Linear Programming*, V. S. Bokharaei, A. Khaki-Sedigh, 5th Conference of Intelligent Systems, Ferdowsi University of Mashad, Iran, 14-16 October 2003.
39. *Stabilization of Multivariable Time-Delayed Plants using Continuous Pole-Placment*, N. Vasegh, A. Khaki sedigh, ICEE 2004, may 11-13 ,2004.
40. *Modification of the Guidacne system of a Typical Missile by the Multiple Model Method*, A. Vahabian Tehrani, A. Khaki-Sedigh, ICEE2005, May 10-12, University of Zanjan, 2005.
41. *A New Method in Reconfigurable Controller Design Using Eigenstructure Assignment*, A. Esna Ashari, A. Khaki-Sedigh, ICEE2005, May 10-12, University of Zanjan, 2005.
42. *Nonlinear Optimization Using Particle Filters in GPS/INS Under Critical Situations*, A. Asadi, B. Moshiri, and A. Khaki-Sedigh, ICEE2005, May 10-12, University of Zanjan, 2005.
43. *A New Input-Output Pairing Analysis of the Quadruple-Tank*, B. Moaveni, A. Khaki-Sedigh, ICEE2006, Amir Kabir University, 2006.
44. *Three Dimensional Adaptive Guidance*, A. Moharam Pour, J. Poshtan, and A. Khaki-Sedigh, 6th Conference of Iranian Aerospace Society, K. N. Toosi University of Technology, Tehran, Iran, Feb 24-25, 2007.
45. *Stability Analysis of Gain Scheduling Missile Guidance using Root-Locus and Kharitanov Methods*, A. Mohammadi Nejad Rashti,, A. Khaki-Sedigh, J Roshanian, M. Sherbafi, and A. Mehrabian, 6th Conference of Iranian Aerospace Society, K. N. Toosi University of Technology, Tehran, Iran, Feb 24-25, 2007.
46. *Modeling and Analysis of Free Gyros using Linear Systems Analysis*, A. Arvan, J Nobari, and A. Khaki-Sedigh, 6th Conference of Iranian Aerospace Society, K. N. Toosi University of Technology, Tehran, Iran, Feb 24-25, 2007.
47. *A New Method to Obtain Maximum Power form a Dual Induction Generator using Sliding Mode Controllers*, S. Roozdehaneh, A. Towhidi, A. Khaki-Sedigh, K. Abbas-Zadeh, 25th Int. Power Conference, Tehran, Iran, 2010.
48. *Design of Supervisory Based Switching QFT Controllers for Improved Closed Loop Performance*, O. Namaki-Shoushtari, A. Khaki-Sedigh, ICEE2010, May 11-13, 978-1-4244-6760-0/10, Isfahan, Irann, 2010.
49. *Adaptive neural network control of a bilateral teleoperation with time delay*, A. Forozantabar, H. Talebi, A. Khaki-Sedigh, ICCIA, Shiraz, 2011.
50. *Considerations on the design of multivariable control systems using QFT*, M. Hantezadeh, A. Khaki-Sedigh, ICCIA, Shiraz, 2011.