**EK-3**

**ÖZGEÇMİŞ**

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**5. Akademik Unvanlar**

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Doçentlik Tarihi : 2016Mayıs- Devam

Profesörlük Tarihi :

**6. Yönetilen Yüksek Lisans ve Doktora Tezleri**

**6.1**. Yüksek Lisans Tezleri

**A.R.Ghiasi**, A.Khakiseddig, 2001, Design of robust optimal control systems by

combining quantitative feedback theory and EEAS method using genetic algorithm,

University of K.N.Toosi, Tehran, Iran

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**7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI,Arts and Humanities)**

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**10.** M.Asadollahi, **A.R.Ghiasi**, H.Dehghani, *Excitation control of a synchronous generator using a novel fractional order controller* , **IET Generation Transmission and Distribution,**2015,2255-226

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**7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler**

**7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler**

1. A.Pornazhdy, M.Mirzaei,**A.R.Ghiasi**, *Dynamic Modeling and Sliding Mode Control for Fast Walking of Seven Link Biped Robot*, **IEEE The 2nd International Conference on Control, Instrumentation and Automation,** Dec 2011, Shiraz-Iran

 2. J.Rabati, H.Navid, **A.R.Ghiasi**,N.Sepehri, *QFT based yaw control of agricultural tractors having automatic seering system*, **Procedings of the Canadian society for mechanical engineering international congress(csme)Winnipeg**, Jun 2012, Manitoba-Canada

3. H.Noori,**A.R.Ghiasi**, *An Overview of FCS Control Systems and Improved Data Transfer Security*, **7th International Conference on Iranian Coding**, Agu 2012, Tabriz,Iran (IN Persian)

4. **A.R.Ghiasi**, H.Jafari, *Optimal robust controller design for the ball and plate system, 9th international conference on electronics*, **computer and Computation**, Nov 2012, Ankara-Turkay

5. S.khanmohammadi, **A.R.Ghiasi**, F.Samadi, Real time pattern generation for humanoid robot to walk on rough terrain using preview control, **9th international conference on electronics, computer and computation**, Nov 2012, Ankara-Turkay

6. H.Shokouhi Nejad, **A.R.Ghiasi**, *Anew adaptive sliding based congestion control trategy for a large scale TCP/IP Network with differentiated services*, **IEEE The 3nd International Conference on Control, Instrumentation and Automation** , Dec 2013, Tehran-Iran

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8. **A.R.Ghiasi**,A.A.Ghavifekr,M.R.Kankashvar, *System Identification of Practical Rotary Inverted Pendulum based on Hybrid Algorithm of PSO and Adaptive Genetic Operation*, **2nd International Conference on Mathematical Sciences**, Jul 2014, Istanbul-Turkey

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12. F.M.Miavagh, E.A.Miavaghi, **A.R.Ghiasi**, M.Asadollahi*, Applying of PID, FPID, TID and ITID Controllers on AVR System Using Particle Swarm Optimization (PSO)*, **IEEE-2015, 2nd International Conference on Knowledge-Based Engineering and Innovation (KBEI),** Nov2015, Tehran-Iran

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14. M.R.Kankashvar, F.Hashemzadeh, M.Baradaran-Nia and **A.R.Ghiasi***, State feedback time optimal controller for linear systems with input delay,* **IEEE, 2nd International Conference on Knowledge-Based Engineering and Innovation (KBEI),** Nov 2015,Tehran-Iran

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16. A.Azizi,R.Babazadeh,**A.R.Ghiasi**, *Anew combined robust controller using sliding mode and feedback linearization with NDO observer proposed for minimum phase quadruple tank process*, **IEEE The 4th international conference control,instrumentation and automation**, Jan 2016, Qazvin-Iran

17. E.Ebrahimkhani, **A.R.Ghiasi**, F.Hashemzadeh, and M.Baradarannia, *Scaled Consensus of Descriptor Multi-agent Systems*, **IEEE 1st International Conference on New Research Achievements in Electrical and Computer Engineering**, May2016,Tehran-Iran

18. H.Dehghani Aghbolagh, **A.R.Ghiasi**, F.Hashemzadeh, and M.Baradarannia *Consensus of Hierarchical Networked Euler-Lagrange Systems,* **IEEEE 1st International Conference on New Research Achievements in Electrical and Computer Engineering May 2016,**Tehran-Iran

19. A.A. Ghavifekr, M.A. Badamchizadeh, **A.R.Ghiasi** *Evaluation of Tree different null space joint velocities for a redundant 5 bar linkage manipulator*, **58 th international conference on power control and embedded system(ICPCES)**, Aug 2016,[Amsterdam](https://www.google.com/search?client=firefox-b-d&q=Nederland,+Amsterdam&spell=1&sa=X&ved=2ahUKEwjd9obcqqbnAhWNDOwKHaGqCEYQkeECKAB6BAgUECM)-Nederland

20. A.Azizi, H.Nourisola **A.R.Ghiasi**,*3d inertial algorithm of slam for using on UAV* **IEEE International conference on robotics and mechatronics**, Oct 2016,Tehran-Iran

21. A.Kazemi, R.Behinfaraz, **A.R.Ghiasi** *Accurate model reduction of large scale systems using adaptive multi-objective particle swar optimization algorithm* **IEEE International conference of mechanical system and control engineering,** May2017 [St Petersburg, Russia](https://www.google.com/search?client=firefox-b-d&q=St+Petersburg,+russia&spell=1&sa=X&ved=2ahUKEwj1pO2kqabnAhVBjqQKHfAkDPkQkeECKAB6BAgTECM)

22. M.Safarzadeh,F.Hashemzadeh,**A.R.Ghiasi**,M.Baradaranniya *Design of h-inf controller for delayed linear systems developed with indefinite delta operator*, **2nd International Conference on Electrical Engineering**, Agu 2017,Tehran-Iran(IN Persian)

23. M.Nemati,F.Hashemzadeh,M.Baradarannia, **A.R.Ghiasi**, *An analytical igenvalue assignment of linear time delay systems using lambert w function*, **IEEE 5th international conference on control instrumentation and automation (ICCA)**, Nov 2017,Shiraz-Iran

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25. [R.Behinfaraz](https://ieeexplore.ieee.org/author/37085377526),**A.R.Ghiasi** *A survey on reliability analysis in controller design* ,**IEEE 14th International Colloquium on Signal Processing & Its Applications (CSPA)** Mar 2018, Malayzia-Malayzia

26. M.Parvan, **A.R.Ghiasi**, T.Yousefi Rezaii, A.Farzamnia *Transfer learning based motor imager classification using convolution neural network,* **IEEE 27th Iranian conference on electrical engineering,** Apr 2019,Yazd-Iran

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**7.4.** Yazılan uluslararası kitaplar veya kitaplarda bölümler

**7.5. Ulusal hakemli dergilerde yayınlanan makaleler**

**1.**H.Sanaei, P.D.Miandoab, **A.R.Ghiasi**, *Kinematic Modeling and Jacobian Analysis of the electro pneumatic mechanism stewart(6dof),* **Majlesi Journal of Mechatronic Systems, ISC Index,** 2014**,**

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5.R.Dehgani,MA.Ghorbani,M.Teshnehlab,**A.R.Ghiasi**,S.Asadi, *Co****mpa****rison and evaluation of Bayesian neural network models, gene expression programming, support vector machine and linear regression*, **Journal of Irrigation and Water Engineering, ISC Index,** 2015, 66-85 (IN Persian)

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1. **A.R.Ghiasi**,A.A.Ghavifekr,S.M.Sajadi, Design of Nonlinear Adaptive Controller for Laparoscopic Robot Graspper , **20th Iranian Conference on Electrical Engineering**, Apr 2012, Tehran-Iran(IN Persian)

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**7.7. Diğer yayınlar**

**Tezler**

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**8.**S. Asgharnejad **A.R.Ghiasi** G.Alizadeh, 2011*, controls the table with three degrees of freedom,* Yüksek Lisans Tezi, University of Tabriz, Iran

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**15**.D.Nojavanzadeh, **A.R.Ghiasi**, M.A.Badamchizadeh, 2.13, *Adaptive robust controller design for uncertain dynamic systems* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**16.**H.G.Aboli, M.A.Badamchizadeh, **A.R.Ghiasi**, M.Baradannia, 2014, *Stability of gain Scheduling Control for Nonlinear Systems*, **Yüksek Lisans Tezi**, University of Tabriz

**17**.A.Khalkhali, **A.R.Ghiasi**, M.Baradarannia, 2014, *Simultaneous location and mapping of partner robots*, **Yüksek Lisans Tezi** University of Tabriz, Iran

**18**.A.Azizi, **A.R.Ghiasi**, M.A.Badamchizadeh,2014, *Simultaneous positioning and mapping for an airborne vehicle*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**19**.A.Zakerimanesh, **A.R.Ghiasi**, F.Hashemzadeh,2015, *Robust control design for bidirectional teleoperation systems*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**20.**M.M.Namvar, **A.R.Ghiasi**, F.Hashemzadeh,2015, *Robust control of tele-operator systems and their application in remote surgery*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**21.**S.Pezeshki,M.A.Badamchizadeh,**A.R.Ghiasi,** 2015, *A New Approach to Improve the Performance of Free Model predict Control* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**22**.M.Purdadash Qarabolagh, **A.R.Ghiasi**, S.Ghaemi,2016, *Optimal intelligent design of the path of the industrial robot arm*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**23.** H.Dehghani, **A.R.Ghiasi**, F.Hashemzadeh, 2016, *Consensus control for multilayer multi-agent systems***, Yüksek Lisans Tezi** , University of Tabriz, Iran

**24**.Y.Shabboei, **A.R.Ghiasi**, S.Khanmohammadi, 2016, *fault diagnosis based on robust model reference control for industrial robots*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**25**.R.Behin Faraz, M.A.Badamchizadeh,**A.R.Ghiasi**, 2017, *Presenting a Method for Synchronizing Fractional order Systems Using Active Control* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**26**. M.R.Konkashour**, A.R.Ghiasi**, F. Hashemzadeh, 2017, *Optimal controller design for linear time delay systems* Yüksek Lisans Tezi , University of Tabriz, Iran

**27**.M.Ahmadiller, **A.R.Ghiasi**, H.Kharati,2017, *Optimizing Multipart Routing Using Intelligent Algorithms* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**28.** M.Rahimi, S.Ghaemi, **A.R.Ghiasi**, 2017, *Adaptive fuzzy control of nonlinear systems with non-rigid feedback structure* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**29**. Sh.Goli, **A.R.Ghiasi**, P.Bagheri, 2018, *Stabilization of Large scale Systems by event-based decentralized control*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**30**. S.M.Sharifzadeh, **A.R.Ghiasi**, A.Akbari , 2018, *Robust estimation of friction parameters between tire and road* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**31**. M.R.Khalilzadeh, **A.R.Ghiasi**, M.Baradarannia, 2019, *Distributed secondary control based on adaptive control for microgrid ,* Yüksek Lisans Tezi , University of Tabriz, Iran

**32**. S.Z.Goldar, **A.R.Ghiasi**, M.A.Badamchizadeh, 2019, *Extraction of a predictive model for non-alcoholic fatty liver disease by fuzzy and neural algorithms*, **Yüksek Lisans Tezi** , University of Tabriz, Iran

**33**. M.Peron, **A.R.Ghiasi**, Y.Rezaei, 2019, *Classification of motor imagery EEG Signals Using Deep Learning Method***, Yüksek Lisans Tezi** , University of Tabriz, Iran

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**35**.A.A.Zarei, **A.R.Ghiasi,** M.Salim, 2020, *Stability Analysis of Discrete Multi-agent Systems,* **Yüksek Lisans Tezi** , University of Tabriz, Iran

**Ulusal Kitap**

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**2.** **A.R.Ghiasi**,M.Nilkar,B Zarei, *Proteus Software reference* , ISBN 978-600-9042-83-8 , Published by Ashina , , 2008(IN Persian)

**8. Projeler**

**9. İdari Görevler**

|  |  |
| --- | --- |
| 2019-2015 | **Bölüm Başkan** kontrol Bölümü, Elektrik ve Bilgisayar Fakültesi,Tebriz Üniversitesi, Iran |
|  |  |
| 2013-devam | **Robotik Laboratuvarı Başkanı**kontrol Bölümü, Elektrik ve Bilgisayar Fakültesi,Tebriz Üniversitesi, Iran |

**10. Bilimsel ve Mesleki Kuruluşlara Üyelikler**

• İran Kontrol ve Enstrümantasyon Derneği Üyesi

• İran Elektrik Mühendisleri Derneği Üyesi

**11. Ödüller**

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| --- |
| **12. Son iki yılda verdiği lisans ve lisansüstü düzeyindeki dersler**  |
| **Akademik Yıl** | **Dönem** | **Dersin Adı** | **Haftalık Saati** | **Öğrenci Sayısı** |
| **Teorik** | **Uygulama** |
| 2018-2019 | İlkbahar | Large scale systems (Ph.D. &M. S) | 3 |  | 3 |
| İlkbahar | Modern control (M. S) | 3 |  | 3 |
| İlkbahar | Robotic (Ph.D. &M. S) | 3 |  | 7 |
| İlkbahar | instrumentation (B.S) | 3 |  | 42 |
| 2019-2020 | Güz | Large scale systems (Ph.D. &M. S) | 3 |  | 11 |
| Güz | Industrial control (B.S) | 3 |  | 44 |
| Güz | Identification (Ph.D. &M. S) | 3 |  | 15 |
| 2019-2020 | İlkbahar | Modern control (M. S) | 3 |  | 5 |
| İlkbahar | Linear control (B.S) | 3 |  | 33 |
| İlkbahar | instrumentation (B.S) | 3 |  | 22 |
| 2020-2021 | Güz | Industrial control (B.S) | 3 |  | 30 |
| Güz | Robotic (Ph.D. &M. S) | 3 |  | 4 |
| Güz | Optimal control (Ph.D. &M. S) | 3 |  | 42 |