

Prof. METİN UYMAZ SALAMCI

Personal Information

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği (Dr), Turkey 1991 - 1999

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği (YI) (Tezli), Turkey 1987 - 1990

Undergraduate, Gazi University, Mühendislik-Mimarlık Fakültesi, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Two new switching surface design techniques for nonlinear systems with their applications to missile control, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Makine Mühendisliği (Dr), 1999

Postgraduate, Simulation and comparison of various control types as applied to manipulators, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Makine Mühendisliği (YI) (Tezli), 1990

Research Areas

Non-traditional manufacturing methods, Machine Theory and Dynamics, Machine Dynamics, System Dynamics and Control, Mechatronics, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, 2013 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, 2010 - 2013

Associate Professor, Gazi University, Mühendislik-Mimarlık Fakültesi, 2007 - 2010

Assistant Professor, Gazi University, Mühendislik-Mimarlık Fakültesi, 2003 - 2007

Academic and Administrative Experience

Gazi University, Rektörlük, 2016 - Continues

Gazi University, Mühendislik Fakültesi, 2013 - 2016

Gazi University, Mühendislik Fakültesi, 2012 - 2013

Gazi University, Mühendislik-Mimarlık Fakültesi, 2008 - 2010

Advising Theses

- SALAMCI M. U. , Development Of Indigenous Human Surrogate For Measurement Of Leg Forces Resulting From Mine Blast In Armored Military Vehicles, Postgraduate, E.ÖZDEMİR(Student), 2020
- SALAMCI M. U. , Sliding Mode Control Design For A Two Stage Electro Hydraulic Servo Valve, Postgraduate, A.ESATOĞLU(Student), 2020
- SALAMCI M. U. , BİR ASKERİ PERİSKOP İÇİN PID VE KAYAN KIPLİ DENETÇİ TASARIMI VE BENZETİM ÇALIŞMALARI, Postgraduate, M.YALÇIN(Student), 2020
- SALAMCI M. U. , Nonlinear Sliding Sector Controller For Missile Autopilot Design, Postgraduate, G.DEDE(Student), 2019
- SALAMCI M. U. , Sliding Sector Controller Design For Unmanned Aerial Vehicles And Its Experimental Application, Doctorate, S.ÖZCAN(Student), 2018
- SALAMCI M. U. , State Dependent Riccati Equation Based Model Reference Adaptive Controller Design And Application To Three Degree Of Freedom Helicopter, Postgraduate, B.MAHMUT(Student), 2017
- SALAMCI M. U. , State dependent Riccati equation based optimal controller design and application of three degree of freedom helicopter, Postgraduate, A.ÇAĞRI(Student), 2017
- SALAMCI M. U. , Application Of State Dependent Riccati Equation Based Sliding Mode Control To Three Degree Of Freedom Helicopter, Postgraduate, Ü.MÜFİT(Student), 2017
- SALAMCI M. U. , Doğrusal olmayan sistemler için model referans uyarlamalı kontrol yaklaşımlarının geliştirilmesi ve kişiye özgü ilaç verme protokollerinin belirlenmesi için kanser tedavisinde uygulamaları, Doctorate, N.BABAEI(Student), 2016
- SALAMCI M. U. , THE DEVELOPMENT OF MODEL REFERENCE ADAPTIVE CONTROL APPROACHES FOR NONLINEAR SYSTEMS AND THEIR APPLICATIONS TO CANCER TREATMENT FOR PERSONALIZED DRUG DELIVERY PROTOCOLS, Expertise In Medicine, N.Babei(Student), 2016
- SALAMCI M. U. , Optimal Controller Design For Rigid Satellite Systems, Postgraduate, O.BİÇER(Student), 2015
- SALAMCI M. U. , Model Reference Adaptive Control Design For Nonlinear Systems Via Successive Approximations, Postgraduate, F.KODALAK(Student), 2015
- SALAMCI M. U. , ÖZKAN B., Bir fırlatma aracında itki etkisini azaltıcı yönde denetim sistemlerinin tasarlanması, Postgraduate, H.KAMIŞLI(Student), 2015
- SALAMCI M. U. , Decentralized Model Reference Adaptive Control Design For Nonlinear Systems Using State Dependent Riccati Equation Approach, Postgraduate, F.SAHAMI(Student), 2015
- SALAMCI M. U. , New sliding surface design methods for sliding mode control, Postgraduate, F.İRMAK(Student), 2014
- SALAMCI M. U. , Mathematical modelling, PID and sliding mode control of a rocket launcher system, Postgraduate, K.DOKUMACI(Student), 2014
- SALAMCI M. U. , Cancer dynamics and chaotic behavior analysis, Postgraduate, B.NASERI(Student), 2014
- SALAMCI M. U. , New methods for eliminating the chattering problem in variable structure control input, Postgraduate, B.EREN(Student), 2013
- SALAMCI M. U. , Variable structure control design with sliding sector for a class of nonlinear systems, Postgraduate, S.ÖZCAN(Student), 2012
- SALAMCI M. U. , Nonlinear Dynamical Systems with Applications to Cancer Modelling and Control, Doctorate, M.İtik(Student), 2010
- SALAMCI M. U. , ÖZKAN B., Robust torque control of a hydraulically actuated loading system, Postgraduate, M.UĞUR(Student), 2010
- SALAMCI M. U. , Dynamic analysis and vibration control of a vertical roller grinding system, Postgraduate, E.HASAN(Student), 2010
- SALAMCI M. U. , Belirsizlik içeren nonlinear sistemler için kayan kipli denetim tasarlanması, Postgraduate, T.CHOBAN(Student), 2009
- SALAMCI M. U. , Sliding mode control of linearly actuated nonlinear systems, Postgraduate, B.DURMAZ(Student), 2009
- SALAMCI M. U. , Bozucu dışlama açısından en uygun kutup yerlerinin belirlenmesi, Postgraduate, C.DOĞAN(Student), 2008
- SALAMCI M. U. , SLIDING MODE CONTROL OF FLEXIBLE STRUCTURES AND ITS APPLICATION TO A SPACECRAFT MODEL, Postgraduate, N.BİLGİN(Student), 2007

SALAMCI M. U. , Havacılık navigasyonlarında diferansiyel GPS kullanılması üzerine bir uygulama, Postgraduate, H.TOK(Student), 2006

SALAMCI M. U. , Glass kokpitli helikopter kazalarının mürettebat kaynak yönetimi eğitimi ile azaltılması, Postgraduate, C.İZZET(Student), 2006

SALAMCI M. U. , Doğrusal olmayan sistemlerin zamanla değişen doğrusal yüzey kullanılarak kayan kipli kontrolü ve uygulamaları, Postgraduate, B.GÖKBİLEN(Student), 2006

SALAMCI M. U. , Köprülü kavşakların çevresel trafik gürültü seviyelerine etkilerinin incelenmesi, Postgraduate, G.ENER(Student), 2006

SALAMCI M. U. , Hava körüklü pasif ve yarı-aktif aski sistemlerinin performanslarının teorik olarak incelenmesi ve mekanik aski sistemleriyle karşılaştırılması, Postgraduate, H.BAL(Student), 2006

SALAMCI M. U. , Kayan kipli denetim kullanılarak esnek bir kirişin aktif titreşim kontrolü, Postgraduate, M.İTİK(Student), 2005

SALAMCI M. U. , Mürettebat kaynak yönetiminin hava aracı kazalarına etkisi ve bir uygulama, Postgraduate, N.ŞAHİN(Student), 2005

SALAMCI M. U. , Enerji nakil hatlarının ilaçlama uçaklarının kaza ve kırımlarına etkilerinin incelenmesi ve önlenmesine yönelik bir uygulama, Postgraduate, M.UYSAL(Student), 2003

SALAMCI M. U. , Lokal alan diferansiyel GPS hassas yaklaşması ve gözlem sonrası hesaplama yöntemiyle uygulaması, Postgraduate, R.FARUK(Student), 2003

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Laser additive manufacturing of Co-Cr alloy and the induced defects thereof**
Mahmood M. A. , Rehman A. U. , Lungu M., Pitir F., SALAMCI M. U. , Ristoscu C., Tiseanu I., Mihailescu I. N.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 2022 (Journal Indexed in SCI)
- II. **The influence of laser power and scanning speed on the microstructure and surface morphology of Cu20 parts in SLM**
Ullah A., Ur Rehman A., SALAMCI M. U. , Pitir F., Liu T.
RAPID PROTOTYPING JOURNAL, 2022 (Journal Indexed in SCI)
- III. **Advances in Laser Additive Manufacturing of Cobalt-Chromium Alloy Multi-Layer Mesoscopic Analytical Modelling with Experimental Correlations: From Micro-Dendrite Grains to Bulk Objects**
Mahmood M. A. , Ur Rehman A., Ristoscu C., Demir M., Popescu-Pelin G., Pitir F., SALAMCI M. U. , Mihailescu I. N.
NANOMATERIALS, vol.12, no.5, 2022 (Journal Indexed in SCI)
- IV. **Influence of Silicon Carbide on Direct Powder Bed Selective Laser Process (Sintering/Melting) of Alumina**
Ur Rehman A., Saleem M. A. , Liu T., Zhang K., Pitir F., SALAMCI M. U.
MATERIALS, vol.15, no.2, 2022 (Journal Indexed in SCI)
- V. **Full-Field Mapping and Flow Quantification of Melt Pool Dynamics in Laser Powder Bed Fusion of SS316L**
Rehman A. U. , Pitir F., SALAMCI M. U.
MATERIALS, vol.14, no.21, 2021 (Journal Indexed in SCI)
- VI. **Laser Powder Bed Fusion (LPBF) of In718 and the Impact of Pre-Heating at 500 and 1000 degrees C: Operando Study**
Ur Rehman A., Pitir F., SALAMCI M. U.
MATERIALS, vol.14, no.21, 2021 (Journal Indexed in SCI)
- VII. **Mesoscopic Computational Fluid Dynamics Modelling for the Laser-Melting Deposition of AISI 304 Stainless Steel Single Tracks with Experimental Correlation: A Novel Study**
Ur Rehman A., Mahmood M. A. , Pitir F., SALAMCI M. U. , Popescu A. C. , Mihailescu I. N.
METALS, vol.11, no.10, 2021 (Journal Indexed in SCI)
- VIII. **Selective Laser Melting of 316L Austenitic Stainless Steel: Detailed Process Understanding Using Multiphysics Simulation and Experimentation**

Ansari P, Rehman A. U. , Pitir F., Veziroglu S., Mishra Y. K. , Aktas O. C. , SALAMCI M. U.
METALS, vol.11, no.7, 2021 (Journal Indexed in SCI)

- IX. **On the selective laser melting based additive manufacturing of AlSi10Mg: The process parameter investigation through multiphysics simulation and experimental validation**
Ansari P., SALAMCI M. U.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.890, 2021 (Journal Indexed in SCI)
- X. **Nonlinear sliding sector design for multi-input systems with application to helicopter control**
Ozcan S., Salamci M. U. , Nalbantoglu V.
INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL, vol.30, pp.2248-2291, 2020 (Journal Indexed in SCI)
- XI. **Multiloop state-dependent nonlinear time-varying sliding mode control of unmanned small-scale helicopter**
Ozcan S., Salamci M. U. , Nalbantoglu V.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, vol.234, pp.585-606, 2020 (Journal Indexed in SCI)
- XII. **Mixed therapy in cancer treatment for personalized drug administration using model reference adaptive control**
Babaei N., SALAMCI M. U.
EUROPEAN JOURNAL OF CONTROL, vol.50, pp.117-137, 2019 (Journal Indexed in SCI)
- XIII. **Analytical solution of stability of FG-CNTRC conical shells under external pressures**
Sofiyev A. H. , Turkaslan B. E. , Bayramov R. P. , SALAMCI M. U.
THIN-WALLED STRUCTURES, vol.144, 2019 (Journal Indexed in SCI)
- XIV. **An update algorithm design using moving Region of Attraction for SDRE based control law**
ÇOPUR E. H. , ARICAN A. Ç. , Ozcan S., SALAMCI M. U.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.356, no.15, pp.8388-8413, 2019 (Journal Indexed in SCI)
- XV. **Controller design for personalized drug administration in cancer therapy: Successive approximation approach**
Babaei N., SALAMCI M. U.
OPTIMAL CONTROL APPLICATIONS & METHODS, vol.39, no.2, pp.682-719, 2018 (Journal Indexed in SCI)
- XVI. **Model Reference Adaptive Sliding Surface Design for Nonlinear Systems**
Kara F., SALAMCI M. U.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.54, no.1, pp.611-624, 2018 (Journal Indexed in SCI)
- XVII. **Stability and vibration of sandwich cylindrical shells containing a functionally graded material core with transverse shear stresses and rotary inertia effects**
Sofiyev A. H. , Hui D., Huseynov S. E. , SALAMCI M. U. , Yuan G. Q.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.230, no.14, pp.2376-2389, 2016 (Journal Indexed in SCI)
- XVIII. **Personalized drug administration for cancer treatment using Model Reference Adaptive Control**
Babaei N., SALAMCI M. U.
JOURNAL OF THEORETICAL BIOLOGY, vol.371, pp.24-44, 2015 (Journal Indexed in SCI)
- XIX. **Sliding mode control for non-linear systems with adaptive sliding surfaces**
Durmaz B., ÖZGÖREN M. K. , SALAMCI M. U.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.34, no.1, pp.56-90, 2012 (Journal Indexed in SCI)
- XX. **SDRE optimal control of drug administration in cancer treatment**
Itik M., SALAMCI M. U. , Banks S. P.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.5, pp.715-729, 2010 (Journal Indexed in SCI)
- XXI. **Optimal control of drug therapy in cancer treatment**
Itik M., SALAMCI M. U. , Banks S. P.

- NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.71, no.12, 2009 (Journal Indexed in SCI)
- XXII. **Active vibration suppression of a flexible structure using sliding mode control**
Itik M., SALAMCI M. U.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.20, no.8, pp.1149-1158, 2006 (Journal Indexed in SCI)
- XXIII. **Sliding mode control with optimal sliding surfaces for missile autopilot design**
Salamci M. U. , Ozgoren M., Banks S.
JOURNAL OF GUIDANCE CONTROL AND DYNAMICS, vol.23, no.4, pp.719-727, 2000 (Journal Indexed in SCI)
- XXIV. **Non-local stabilization of nonlinear systems using switching manifolds**
Banks S., Salamci M. U. , McCaffrey D.
INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE, vol.31, no.2, pp.243-254, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **PRECISE CONTROL OF AN ELECTROMECHANICALLY-ACTUATED LAUNCHER UNDER PARAMETER UNCERTAINTY**
KAMIŞLI H., SALAMCI M. U. , ÖZKAN B.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY A - Applied Sciences and Engineering, vol.18, no.4, pp.788-803, 2017 (Other Refereed National Journals)
- II. **Controller Designs for Nonlinear Systems with Application to 3 DOF Helicopter Model**
KOCAGİL B. M. , ARICAN A. Ç. , Güzey Ü. M. , Özcan S., SALAMCI M. U.
Gazi University Journal of Science Part A: Engineering and Innovation, vol.4, no.3, pp.47-66, 2017 (Other Refereed National Journals)

Books & Book Chapters

- I. **Doğrusal Olmayan Titreşim**
SALAMCI M. U.
in: Mekanik Titreşimler, Yaşar Pala, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti, Ankara, pp.1036-1111, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **A Modified SDRE-based Sub-optimal Hypersurface Design in SMC**
Ozcan S., Copur E. H. , ARICAN A. Ç. , SALAMCI M. U.
21st IFAC World Congress on Automatic Control - Meeting Societal Challenges, ELECTR NETWORK, 11 - 17 July 2020, vol.53, pp.6250-6255
- II. **Controller Design for a Nonlinear 3 DOF Helicopter Model Using Adaptive Sliding Surfaces**
Kara F., SALAMCI M. U.
27th International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 10 - 13 October 2019
- III. **Experiment of Sliding Mode Control with Nonlinear Sliding Surface Design for a 3-DOF Helicopter Model**
Guzey U. M. , ÇOPUR E. H. , Ozcan S., ARICAN A. Ç. , KOCAGİL B. M. , SALAMCI M. U.
27th International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 10 - 13 October 2019
- IV. **Adaptive Control of a 3 DoF Helicopter with Linear and Nonlinear Reference Models**
KOCAGİL B. M. , Ozcan S., ARICAN A. Ç. , Guzey U. M. , ÇOPUR E. H. , SALAMCI M. U.

6th International Conference on Control Engineering and Information Technology (CEIT), İstanbul, Turkey, 25 - 27 October 2018

- V. **MRAC of a 3-DoF Helicopter with Nonlinear Reference Model**
KOCAGİL B. M. , Ozcan S., ARICAN A. Ç. , Guzey U. M. , ÇOPUR E. H. , SALAMCI M. U.
26th Mediterranean Conference on Control and Automation (MED), Zadar, Croatia, 19 - 22 June 2018, pp.278-283
- VI. **Effect of Delay of Immune System Response in Cancer Dynamics: Bifurcation and Chaos Analysis**
Soufiani B. N. , SALAMCI M. U.
26th Mediterranean Conference on Control and Automation (MED), Zadar, Croatia, 19 - 22 June 2018, pp.765-770
- VII. **Linear and Nonlinear Optimal Controller Design for a 3 DOF Helicopter**
ARICAN A. Ç. , Ozcan S., KOCAGİL B. M. , Guzey U. M. , ÇOPUR E. H. , SALAMCI M. U.
19th International Carpathian Control Conference (ICCC), Szilvasvarad, Hungary, 28 - 31 May 2018, pp.185-190
- VIII. **Sliding Mode Control of an Electromechanically-Actuated Launcher by Diminishing the Thrust Effect**
KAMIŞLI H., ÖZKAN B., SALAMCI M. U.
2017 International Conference on Mechanical, System and Control Engineering (ICMSC 2017), St. Petersburg, Russia, 19 - 21 October 2017
- IX. **Sliding Mode Control of an Electromechanically-Actuated Launcher by Diminishing the Thrust Effect**
Kamışli H., Ozkan B., SALAMCI M. U.
International Conference on Mechanical, System and Control Engineering (ICMSC), St Petersburg, Russia, 19 - 21 May 2017, pp.155-159
- X. **Chaotic behavior in virotherapy for cancer treatment**
Soufiani B. N. , SALAMCI M. U.
XXVI International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 26 - 28 October 2017
- XI. **Drug Administration in Cancer Treatment via Optimal Nonlinear State Feedback Gain Matrix Design**
Unal C., SALAMCI M. U.
20th World Congress of the International-Federation-of-Automatic-Control (IFAC), Toulouse, France, 9 - 14 July 2017, vol.50, pp.9979-9984
- XII. **Suboptimal Control of a 3 DOF Helicopter with State Dependent Riccati Equations**
ARICAN A. Ç. , Ozcan S., Guzey U. M. , KOCAGİL B. M. , SALAMCI M. U.
XXVI International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 26 - 28 October 2017
- XIII. **ADAPTIVE CONTROL DESIGN FOR NONLINEAR SYSTEMS VIA SUCCESSIVE APPROXIMATIONS**
Babaei N., SALAMCI M. U. , Karakurt A. H.
10th ASME Annual Dynamic Systems and Control Conference, Virginia, United States Of America, 11 - 13 October 2017
- XIV. **Parametre Belirsizliği Altında Elektromekanik Eyletimli Bir Fırlatma Aracının Hassas Denetimi**
KAMIŞLI H., SALAMCI M. U. , ÖZKAN B.
TOK2016-Otomatik Kontrol Ulusal Toplantısı, Eskişehir, Turkey, 29 September - 01 October 2016, pp.779-784
- XV. **State Dependent Riccati Equation Based Model Reference Adaptive Stabilization of Nonlinear Systems with Application to Cancer Treatment**
Babaei N., SALAMCI M. U.
IFAC 2014 World Congress, Cape-Town, South Africa, 24 - 29 August 2014, vol.47, pp.1296-1301
- XVI. **Dynamic Modeling of an Electromechanically-Actuated Launcher**
Kamışli H., SALAMCI M. U. , Ozkan B.
17th IEEE International Carpathian Control Conference (ICCC), Tatranska Lomnica, Slovakia, 29 May - 01 June 2016, pp.303-307
- XVII. **Design of a Cascaded Control System for an Electromechanically-Actuated Launcher to Reduce the Thrust Effect**
Kamışli H., Ozkan B., SALAMCI M. U.
17th IEEE International Carpathian Control Conference (ICCC), Tatranska Lomnica, Slovakia, 29 May - 01 June 2016, pp.308-313

- XVIII. **Decentralized Model Reference Adaptive Control Design for Nonlinear Systems; Application to Cancer Treatment**
Sahami F., SALAMCI M. U.
17th IEEE International Carpathian Control Conference (ICCC), Tatranska Lomnica, Slovakia, 29 May - 01 June 2016, pp.635-640
- XIX. **State Dependent Riccati Equation Based Sliding Mode Control For Nonlinear Systems With Mismatched Uncertainties**
BIÇER O., SALAMCI M. U. , Kodalak F.
17th IEEE International Carpathian Control Conference (ICCC), Tatranska Lomnica, Slovakia, 29 May - 01 June 2016, pp.54-59
- XX. **Model Reference Adaptive Control Design For Helicopters Using Gain Scheduled Reference Models**
Ertugrul T., ADLI M. A. , SALAMCI M. U.
17th IEEE International Carpathian Control Conference (ICCC), Tatranska Lomnica, Slovakia, 29 May - 01 June 2016, pp.182-187
- XXI. **State Dependent Riccati Equation controlled drug delivery for mixed therapy of cancer treatment**
Babaei N., SALAMCI M. U. , Çimen T.
16th IFAC Workshop on Control Applications of Optimization CAO'2015, 6 - 09 October 2015, vol.48, pp.265-270
- XXII. **Successive Approximations of Model Reference Adaptive Control Design for Nonlinear Systems**
KODALAK F., SALAMCI M. U.
16th IFAC Workshop on Control Applications of Optimization CAO'2015, 6 - 09 October 2015, vol.48, pp.248-253
- XXIII. **Elektromekanik Eyletimli Bir Fırlatma Sisteminin İtki Etkisini En Aza İndirgeyecek Şekilde Denetimi**
KAMIŞLI H., SALAMCI M. U. , ÖZKAN B.
TOK2015-Otomatik Kontrol Ulusal Toplantısı, Denizli, Turkey, 10 - 12 September 2015, pp.1080-1085
- XXIV. **Decentralized Model Reference Adaptive Control Design for Nonlinear Systems; State Dependent Riccati Equation Approach**
Sahami F., SALAMCI M. U.
2015 16th International Carpathian Control Conference (ICCC), Szilvasvarad, Hungary, 27 - 30 May 2015, pp.437-442
- XXV. **Model Reference Adaptive Control Design for Nonlinear Systems using Linear Time Varying Approximations**
Kodalak F., SALAMCI M. U.
16th International Carpathian Control Conference (ICCC), Miskolc, Hungary, 27 - 30 May 2015, pp.202-207
- XXVI. **Model Reference Adaptive Control for MIMO Nonlinear Systems by using Linear Time Varying Approximation**
Babaei N., SALAMCI M. U.
16th International Carpathian Control Conference (ICCC), Miskolc, Hungary, 27 - 30 May 2015, pp.7-12
- XXVII. **Model Reference Adaptive Sliding Surface Design for Nonlinear Systems**
Kara F., SALAMCI M. U.
2015 16th International Carpathian Control Conference (ICCC), Szilvasvarad, Hungary, 27 - 30 May 2015, pp.190-195
- XXVIII. **Implementation of the Sliding Mode Control with Constant and Varying Sliding Surfaces to a Hydraulically-Actuated Fin Loading System**
ÖZAKALIN M. U. , SALAMCI M. U. , ÖZKAN B.
19th IFAC World Congress, Cape-Town, South Africa, 24 August - 29 April 2014, vol.47, pp.10920-10925
- XXIX. **Determination of Optimal Feedback Gain Matrix for a Class of Nonlinear Systems**
Bilgin N., SALAMCI M. U.
15th International Carpathian Control Conference (ICCC), Velke Karlovice, Czech Republic, 28 - 30 May 2014, pp.46-51
- XXX. **VIBRATION ANALYSIS OF A VERTICAL ROLLER MILL: MODELING AND VALIDATION**
Copur E. H. , SALAMCI M. U. , Gulbeyaz S.
12th ASME Biennial Conference on Engineering Systems Design and Analysis (ESDA2014), Copenhagen, Denmark,

25 - 27 June 2014

- XXXI. **SLIDING MODE CONTROL DESIGN FOR NONLINEAR SYSTEMS WITHOUT REACHING PHASE AND ITS APPLICATIONS TO A FLEXIBLE SPACECRAFT**
Bilgin N., SALAMCI M. U.
12th ASME Biennial Conference on Engineering Systems Design and Analysis (ESDA2014), Copenhagen, Denmark, 25 - 27 June 2014
- XXXII. **Modeling, PID Control and Simulation of a Rocket Launcher System**
Dokumaci K., Aydemir M. T. , SALAMCI M. U.
16th International Power Electronics and Motion Control Conference and Exposition (PEMC), Antalya, Turkey, 21 - 24 September 2014, pp.1283-1288
- XXXIII. **State Dependent Riccati Equation Based MRAC Design for Nonlinear Systems**
Babaei N., SALAMCI M. U.
International Conference on Information, Communication and Automation Technologies (ICAT), SARAYBOSNA, Bosnia And Herzegovina, 29 October - 01 November 2013
- XXXIV. **State Dependent Sliding Sectors For Nonlinear Systems With Nonlinear Sliding Surfaces**
Ozcan S., SALAMCI M. U. , Birinci B. E.
American Control Conference (ACC), Washington, Kiribati, 17 - 19 June 2013, pp.5754-5759
- XXXV. **State Dependent Riccati Equation Based Model Reference Adaptive Control Design for Nonlinear Systems**
Babaei N., SALAMCI M. U.
24th International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 30 October - 01 November 2013
- XXXVI. **Controller Design for Nonlinear Systems for Shaping the Transient Response**
Ünal C., SALAMCI M. U. , Özgören M. K.
9th European Workshop on Advanced Control and Diagnosis, Budapest, Hungary, 17 - 18 November 2011
- XXXVII. **Dynamic Modelling and Vibration Analysis of a Vertical Roller Mill**
Çopur E. H. , SALAMCI M. U. , KARAÇAY T., TOKA E.
ISAAM&MIT 2011, Baku, Azerbaijan, 22 - 23 September 2011
- XXXVIII. **Sabit ve Değişken Kayma Yüzeyle Kayan Kipli Denetim Yönteminin Hidrolik Eyletimli Bir Kanat Yükleme Cihazına Deneysel Olarak Uygulanması**
ÖZAKALIN M. U. , SALAMCI M. U. , ÖZKAN B.
TOK2011-Otomatik Kontrol Ulusal Toplantısı, İzmir, Turkey, 14 - 16 September 2011, pp.139-144
- XXXIX. **Hidrolik Eyletimli Bir Yük Uygulama Sisteminin Sistem Tanımlama Yöntemi ile Dinamik Modelinin Çıkarılması**
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