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### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: ABG-9572-2020

Yoksis Araştırmacı ID: 120319

### Eğitim Bilgileri

Doktora, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Türkiye 2006 - 2011

Doktora, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Türkiye 1996 - 2000

Yüksek Lisans, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Türkiye 1994 - 1996

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, Türkiye 1985 - 1991

### Yaptığı Tezler

Doktora, Kesirdereceli kontrol sistemlerinin frekans cevaplarının hesaplanması ve tasarımı, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, 2011

Doktora, Cam Eşya üretim sektöründe Bilgisayar Destekli üretim planlama ve bilgisayarlı üretim teknikleri, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2000

Yüksek Lisans, Unix İşletim sisteminde çok boyutlu performans analizi, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 1996

### Araştırma Alanları

Bilgi Sistemleri, Haberleşme ve Kontrol Mühendisliği, Kontrol ve Sistem Mühendisliği, Benzetim, Modelleme ve Tanıma, Doğrusal Olmayan Kontrol Sistemleri , Genel Sistem Kuramı , Gürbüz Kontrol, Kararlılık , Uyarlanırlı Sistemler , Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof.Dr., İnönü Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Devam Ediyor

Doç.Dr., İnönü Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2019

### Akademik İdari Deneyim

### Yönetilen Tezler

YEROĞLU C., Kesir dereceli diferansiyelin doğrusal olmayan denetim yöntemlerine ve sinyal işleme tekniklerine uygulanması, Doktora, G.KAVURAN(Öğrenci), 2017  
YEROĞLU C., Kesir dereceli belirsiz sistemler için dayanıklı analiz araçlarının ve arayüz programlarının geliştirilmesi, Doktora, B.ŞENOL(Öğrenci), 2015  
YEROĞLU C., Prototip helikopter sisteminin matematiksel modelinin deneysel belirlenmesi ve denetçi tasarımı, Yüksek Lisans, A.ATEŞ(Öğrenci), 2013  
YEROĞLU C., Kesir dereceli kontrol sistemlerinin frekans cevaplarının analizi için MATLAB ortamında toolbox geliştirilmesi, Yüksek Lisans, B.ŞENOL(Öğrenci), 2011

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Optimal F-domain stabilization technique for reduction of commensurate fractional-order SISO systems**  
Mahata S., Herencsar N., ALAGÖZ B. B., YEROĞLU C.  
FRACTIONAL CALCULUS AND APPLIED ANALYSIS, cilt.25, sa.2, ss.803-821, 2022 (SCI-Expanded)
- II. **Adaptive protection method with fault current limiting mechanism for directional over current relays coordination problem**  
YEROĞLU C., Akdag O.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.37, sa.4, ss.1751-1765, 2022 (SCI-Expanded)
- III. **Modification of Harris hawks optimization algorithm with random distribution functions for optimum power flow problem**  
Akdag O., ATEŞ A., YEROĞLU C.  
NEURAL COMPUTING & APPLICATIONS, cilt.33, sa.6, ss.1959-1985, 2021 (SCI-Expanded)
- IV. **Optimal directional overcurrent relay coordination using MRFO algorithm: A case study of adaptive protection of the distribution network of the Hatay province of Turkey**  
Akdag O., YEROĞLU C.  
ELECTRIC POWER SYSTEMS RESEARCH, cilt.192, 2021 (SCI-Expanded)
- V. **Optimal load flow via modified water cycle algorithm**  
Akdag O., YEROĞLU C.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.36, sa.2, ss.1119-1131, 2021 (SCI-Expanded)
- VI. **Fine-Tuning of Feedback Gain Control for Hover Quad Copter Rotors by Stochastic Optimization Methods**  
ATEŞ A., ALAGÖZ B. B., Kavuran G., YEROĞLU C.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF ELECTRICAL ENGINEERING, cilt.44, sa.4, ss.1663-1672, 2020 (SCI-Expanded)
- VII. **2DOF multi-objective optimal tuning of disturbance reject fractional order PIDA controllers according to improved consensus oriented random search method**  
Özbey N., Yeroğlu C., Alagöz B. B., Herencsar N., Kartci A., Sotner R.  
Journal of Advanced Research, cilt.25, ss.159-170, 2020 (SCI-Expanded)
- VIII. **An evaluation of an offshore energy installation for the Black Sea region of Turkey and the effects on a regional decrease in greenhouse gas emissions**  
Akdag O., YEROĞLU C.  
GREENHOUSE GASES-SCIENCE AND TECHNOLOGY, cilt.10, sa.3, ss.531-544, 2020 (SCI-Expanded)
- IX. **Fine-Tuning of Feedback Gain Control for Hover Quad Copter Rotors by Stochastic Optimization Methods**  
ATEŞ A., ALAGÖZ B. B., Kavuran G., YEROĞLU C.  
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- X. **Electronically reconfigurable two-path fractional-order PI/D controller employing constant phase blocks based on bilinear segments using CMOS modified current differencing unit**  
SOTNER R., JERABEK J., KARTCI A., DOMANSKY O., HERENC SAR N., KLEDROWETZ V., ALAGÖZ B. B., YEROĞLU C.  
MICROELECTRONICS JOURNAL, cilt.86, ss.114-129, 2019 (SCI-Expanded)
- XI. **A theoretical investigation on moving average filtering solution for fixed-path map matching of noisy position data**  
ALAGÖZ B. B., ERTÜRKLER M., YEROĞLU C.  
INTERNATIONAL JOURNAL OF SENSOR NETWORKS, cilt.29, sa.4, ss.213-225, 2019 (SCI-Expanded)
- XII. **Modified Artificial Physics Optimization for Multi-parameter Functions**  
ATEŞ A., YEROĞLU C.  
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- XIII. **Model Reference Adaptive Control Scheme for Retuning Method-Based Fractional-Order PID Control with Disturbance Rejection Applied to Closed-Loop Control of a Magnetic Levitation System**  
TEPLJAKOV A., ALAGÖZ B. B., GONZALEZ E., PETLENKOV E., YEROĞLU C.  
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, cilt.27, sa.11, 2018 (SCI-Expanded)
- XIV. **Stability Analysis of Fractional Order Multiple Linear Uncertain Systems: Exposed Edge Sampling Approach**  
ŞENOL B., ATEŞ A., ALAGÖZ B. B., YEROĞLU C.  
CONTROL ENGINEERING AND APPLIED INFORMATICS, cilt.20, sa.2, ss.14-21, 2018 (SCI-Expanded)
- XV. **An Experimental Study on Model Reference Adaptive Control of TRMS by Error-Modified Fractional Order MIT Rule**  
Kavuran G., ATEŞ A., ALAGÖZ B. B., YEROĞLU C.  
CONTROL ENGINEERING AND APPLIED INFORMATICS, cilt.19, sa.4, ss.101-111, 2017 (SCI-Expanded)
- XVI. **Reference-shaping adaptive control by using gradient descent optimizers**  
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- XVII. **Implementation of fractional order filters discretized by modified Fractional Order Darwinian Particle Swarm Optimization**  
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- XVIII. **Linear systems with unstructured multiplicative uncertainty: Modeling and robust stability analysis**  
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- XIX. **Master-Slave Stochastic Optimization for Model-Free Controller Tuning**  
ATEŞ A., ALAGÖZ B. B., YEROĞLU C.  
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- XX. **Simplified Frequency Response Computation of Fractional Order Systems with Multiple Linear Uncertainty Structures**  
ŞENOL B., YEROĞLU C.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES, cilt.86, sa.3, ss.361-369, 2016 (SCI-Expanded)
- XXI. **Optimal fractional order PID design via Tabu Search based algorithm**  
ATEŞ A., YEROĞLU C.  
ISA TRANSACTIONS, cilt.60, ss.109-118, 2016 (SCI-Expanded)
- XXII. **Robust Stabilizing PID Controllers for Multiple Time Delay Systems with Parametric Uncertainty**  
Yeroglu C.  
CONTROL ENGINEERING AND APPLIED INFORMATICS, cilt.17, sa.3, ss.20-29, 2015 (SCI-Expanded)
- XXIII. **Probabilistic robust stabilization of fractional order systems with interval uncertainty**  
ALAGÖZ B. B., YEROĞLU C., ŞENOL B., ATEŞ A.

- ISA TRANSACTIONS, cilt.57, ss.101-110, 2015 (SCI-Expanded)
- XXIV. **An experimental investigation for error-cube PID control**  
ALAGÖZ B. B., ATEŞ A., YEROĞLU C., ŞENOL B.  
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, cilt.37, sa.5, ss.652-660, 2015 (SCI-Expanded)
- XXV. **Note on describing function analysis of fractional order nonlinear control systems**  
YEROĞLU C., TAN N.  
Control and Cybernetics, cilt.44, sa.2, ss.233-255, 2015 (SCI-Expanded)
- XXVI. **Limit cycles in nonlinear systems with fractional order plants**  
ATHERTON D. P., TAN N., YEROĞLU C., Kavuran G., Yüce A.  
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- XXVII. **A stochastic multi-parameters divergence method for online auto-tuning of fractional order PID controllers**  
YEROĞLU C., ATEŞ A.  
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- XXVIII. **A numerical investigation for robust stability of fractional-order uncertain systems**  
ŞENOL B., ATEŞ A., ALAGÖZ B. B., YEROĞLU C.  
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- XXIX. **Sliding mode controller design with fractional order differentiation: applications for unstable time delay systems**  
YEROĞLU C., Kavuran G.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.22, sa.5, ss.1270-1286, 2014 (SCI-Expanded)
- XXX. **Investigation of robust stability of fractional order multilinear affine systems: 2q-convex parpolygon approach**  
YEROĞLU C., ŞENOL B.  
SYSTEMS & CONTROL LETTERS, cilt.62, sa.10, ss.845-855, 2013 (SCI-Expanded)
- XXXI. **Auto-tuning of PID controller according to fractional-order reference model approximation for DC rotor control**  
ALAGÖZ B. B., ATEŞ A., YEROĞLU C.  
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- XXXII. **Frequency boundary of fractional order systems with nonlinear uncertainties**  
ŞENOL B., YEROĞLU C.  
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- XXXIII. **Note on fractional-order proportional-integral-differential controller design**  
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IET CONTROL THEORY AND APPLICATIONS, cilt.5, sa.17, ss.1978-1989, 2011 (SCI-Expanded)
- XXXIV. **Classical controller design techniques for fractional order case**  
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- XXXV. **Frequency Response Computation of Fractional Order Interval Transfer Functions**  
Yeroglu C., OZYETKIN M. M., TAN N.  
INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS, cilt.8, sa.5, ss.1009-1017, 2010 (SCI-Expanded)
- XXXVI. **Effect of dielectric barrier discharge on the sorption properties of disperse porous materials in CO<sub>2</sub>-silicagel and SF<sub>6</sub>-silicagel systems**  
ALISOY H. Z., Yeroglu C., KOSEOGLU M., TAN N.  
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- XXXVII. **The evaluations of the influence of surface conductivity to the energy of particles in discharge**

### **channel and interaction force in contact charging process**

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PHYSICS LETTERS A, cilt.360, sa.1, ss.14-21, 2006 (SCI-Expanded)

### **XXXVIII. Computation of stabilizing PI and PID controllers using the stability boundary locus**

Tan N., KAYA I., Yeroglu C., ATHERTON D. P.

ENERGY CONVERSION AND MANAGEMENT, cilt.47, ss.3045-3058, 2006 (SCI-Expanded)

### **XXXIX. Investigation of the characteristics of dielectric barrier discharge in the transition region**

ALISOY H., Yeroglu C., KOSEGLU M., HANSU F.

JOURNAL OF PHYSICS D-APPLIED PHYSICS, cilt.38, sa.24, ss.4272-4277, 2005 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Proportional Integral Accelerator Controller Design and Theoretical Investigation of Disturbance Rejection Performance**  
Özbey N., Yeroğlu C.  
Technium: Romanian Journal of Applied Sciences and Technology, cilt.2, sa.6, ss.112-121, 2020 (Hakemli Dergi)
- II. **Harris Şahini Optimizasyon Algoritması ile Aktif Güç Kayıplarının Minimizasyonu**  
AKDAĞ O., ATEŞ A., YEROĞLU C.  
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, cilt.22, sa.65, ss.481-490, 2020 (Hakemli Dergi)
- III. **PIDA Denetçilerin Bozucu Dışlama Performansının Teorik İncelenmesi**  
ÖZBEY N., YEROĞLU C., ALAGÖZ B. B.  
Avrupa Bilim ve Teknoloji Dergisi, sa.18, 2020 (Hakemli Dergi)
- IV. **Multi-Loop Model Reference Proportional Integral Derivative Controls: Design and Performance Evaluations**  
ALAGÖZ B. B., Tepljakov A., Petlenkov E., YEROĞLU C.  
ALGORITHMS, cilt.13, sa.2, 2020 (ESCI)
- V. **Multi-loop Model Reference Adaptive PID Control for Fault-Tolerance**  
ALAGÖZ B. B., KAVURAN G., ATEŞ A., YEROĞLU C., ALISOY H.  
BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, cilt.7, sa.3, ss.276-285, 2019 (Hakemli Dergi)
- VI. **Time-domain identification of One Noninteger Order Plus Time Delay models from step response measurements**  
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INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING, cilt.10, sa.1, 2019 (ESCI)
- VII. **Multi-Parameter Optimization of Sliding-Mode Controller for Quadcopter Application**  
Dikmen İ. C., Karadağ T., Yeroglu C.  
Anatolian Science, cilt.3, sa.1, ss.14-28, 2018 (Hakemli Dergi)
- VIII. **Fractional Order Darwinian PSO with Constraint Threshold for Load Flow Optimization of Energy Transmission System**  
AKDAG O., Okumus F., KOCAMAZ A. F., YEROĞLU C.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.31, sa.3, ss.831-844, 2018 (ESCI)
- IX. **Effects of fractional order integration on ASDM signals**  
Kavuran G., YEROĞLU C., ATEŞ A., ALAGÖZ B. B.  
International Journal of Dynamics and Control, cilt.5, sa.1, ss.10-17, 2017 (Scopus)
- X. **Kesir dereceli model referans denetleyici ile görüntü işleme destekli nesne takip uygulaması**  
Kavuran G., ATEŞ A., ALAGÖZ B. B., YEROĞLU C.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, cilt.22, ss.659-665, 2016 (Hakemli Dergi)
- XI. **SMDO algoritması ile iki serbestlik dereceli FOPID kontrol çevrimi tasarımı**  
ATEŞ A., YEROĞLU C.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, cilt.22, ss.671-676, 2016 (Hakemli Dergi)
- XII. **Implementation of Model Reference Adaptive Controller with Fractional Order Adjustment Rules for**

### **Coaxial Rotor Control Test System**

Kavuran G., ALAGÖZ B. B., ATEŞ A., YEROĞLU C.

BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, cilt.4, ss.84-88, 2016 (Hakemli Dergi)

### **XIII. Online Tuning of Two Degrees of Freedom Fractional Order Control Loops**

ATEŞ A., YEROĞLU C.

BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, cilt.4, ss.5-10, 2016 (Hakemli Dergi)

### **XIV. Two degrees of freedom FOPID control loop design via SMDO algorithm**

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PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, cilt.22, sa.8, ss.671-676, 2016 (ESCI)

### **XV. Image processing based object tracking application with fractional-order model reference controller**

Kavuran G., ATEŞ A., ALAGOZ B. B., YEROĞLU C.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, cilt.22, sa.8, ss.659-665, 2016 (ESCI)

### **XVI. Fuzzy Velocity and Fuzzy Acceleration in Fractional Order Motion**

ATEŞ A., ALAGÖZ B. B., Alisoy G., YEROĞLU C., Alisoy H.

BALKAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING, cilt.3, ss.98-102, 2015 (Hakemli Dergi)

## **Kitap & Kitap Bölümleri**

### **I. Fractional Order Filter Discretization by Particle Swarm Optimization Method**

IMIK O., ALAGÖZ B. B., ATEŞ A., YEROĞLU C.

Mathematical Methods in Engineering, Taş K., Baleanu D., Machado T., Editör, Springer-Verlag , Cham, ss.133-144, 2019

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

### **I. Development of CNN architecture for Honey Bees Disease Condition**

YEROĞLU C., HANBAY D., ÜZEN H.

2019 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 21 - 22 Eylül 2019, ss.1-5

### **II. Feature Selection by Using Heuristic Methods for Text Classification**

YEROĞLU C., HANBAY D., Sel İ.

2019 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 21 - 22 Eylül 2019, ss.1-6

### **III. Fractional Order Model Identification of Receptor-Ligand Complexes Formation by Equivalent Electrical Circuit Modeling**

ATEŞ A., ALAGÖZ B. B., Tepcljakov A., Petlenkov E., YEROĞLU C., Kuznetsov A., Sobolev I.

International Conference on Artificial Intelligence and Data Processing, Malatya, Türkiye, 21 - 22 Eylül 2019, cilt.7, sa.1, ss.1-6

### **IV. Fractional Order Filter Discretization by Particle Swarm Optimization Method**

Imik O., ALAGÖZ B. B., ATEŞ A., YEROĞLU C.

International Symposium on Mathematical Methods in Engineering (MME), Ankara, Türkiye, 27 - 29 Nisan 2017, cilt.23, ss.133-144

### **V. Analogue Implementation of a Fractional-Order PI lambda Controller for DC Motor Speed Control**

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28th IEEE International Symposium on Industrial Electronics (IEEE-ISIE), Vancouver, Kanada, 12 - 14 Haziran 2019, ss.467-472

### **VI. Optimal Fractional Order PID Controller Design for Fractional Order Systems by Stochastic Multi**

## **Parameter Divergence Optimization Method with Different Random Distribution Functions**

ATEŞ A., ALAGÖZ B. B., Chen Y. Q., YEROĞLU C., Hosseinia S. H.

7th IEEE International Conference on Control, Mechatronics and Automation (ICCMA), Delft, Hollanda, 6 - 08 Kasım 2019, sa.2, ss.9-14

### **VII. Biyocografya Tabanlı Optimizasyon ile Yangın Görüntülerinin Ayrıştırılması**

Toptaş B., HANBAY D., YEROĞLU C.

International Conference on Artificial Intelligence and Data Processing (IDAP 2018), Malatya, Türkiye, 28 - 30 Eylül 2018, ss.1000-1004

### **VIII. SOS Algoritması ile Tasarlanan PIDA Denetçinin Bozucu Bastırma Etkisi**

KARADENİZ E., ÖZBEY N., YEROĞLU C., KAHRAMAN H. T.

International Conference on Artificial Intelligence and Data Processing (IDAP 2018), 28 - 30 Eylül 2018

### **IX. PIDA Denetçi Parametrelerinin PSO Algoritması ile Belirlenmesi**

DONUK K., ÖZBEY N., İNAN M., YEROĞLU C., HANBAY D.

International Conference on Artificial Intelligence and Data Processing (IDAP 2018), 28 - 30 Eylül 2018

### **X. Malatya Public Transportation Route Optimization via Ant Colony Algorithm**

ÖZTEMİZ F., YEROĞLU C.

2018 International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Türkiye, 28 - 30 Eylül 2018

### **XI. Optimization of the FO[PI] Controller for MTDS using MAPO with Multi Objective Function**

Ateş A., Yeroğlu C., Yuan J., Chen Y., Hamamcı S. E.

The International Conference on Fractional Differentiation and its Applications, Amman, Ürdün, 16 - 18 Temmuz 2018

### **XII. A Set-point Filter Type 2DOF Fractional Order PID Control System Design Scheme for Improved Disturbance Rejection Control**

ÖZBEY N., ALAGÖZ B. B., YEROĞLU C.

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### **XIII. Optimization of the FO[PI] Controller for MTDS using MAPO with Multi Objective Function**

Ateş A., YEROĞLU C., Yuan J., Hamamcı S. E., Chen Y.

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### **XIV. A Numerical Study for Plant-Independent Evaluation of Fractional-order PID Controller Performance**

ALAGÖZ B. B., TEPLJAKOV A., YEROĞLU C., GONZALEZ E., HOSSEINNIA S. H., PETLENKOV E.

3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control (PID), Ghent, Belçika, 9 - 11 Mayıs 2018, cilt.51, ss.539-544

### **XV. Investigation of PIDA Controller Parameters via PSO Algorithm**

Donuk K., ÖZBEY N., İnan M., YEROĞLU C., HANBAY D.

International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Türkiye, 28 - 30 Eylül 2018

### **XVI. PID2018 Benchmark Challenge: Multi-Objective Stochastic Optimization Algorithm**

ATEŞ A., Yuan J., DEHGHAN S., ZHAO Y., YEROĞLU C., Chen Y.

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### **XVII. Malatya Public Transportation Route Optimization via Ant Colony Algorithm**

ÖZTEMİZ F., YEROĞLU C.

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### **XVIII. FOPID Controllers and Their Industrial Applications: A Survey of Recent Results**

TEPLJAKOV A., ALAGÖZ B. B., YEROĞLU C., GONZALEZ E., HOSSEINNIA S. H., PETLENKOV E.

3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control (PID), Ghent, Belçika, 9 - 11 Mayıs 2018, cilt.51, ss.25-30

### **XIX. Disturbance Rejection Effect of PIDA Controller Designed via SOS Algorithm**

Karadeniz E., ÖZBEY N., YEROĞLU C., KAHRAMAN H. T.

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- XX. **Cat Swarm Based Shadow Detection Method**  
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## Desteklenen Projeler

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## Metrikler

Yayın: 149  
Atıf (WoS): 823  
Atıf (Scopus): 759  
H-İndeks (WoS): 14  
H-İndeks (Scopus): 11

## Akademi Dışı Deneyim

Ticari Kuruluş Özel, Şişecam, Üretim Müdürlüğü  
Diğer Kamu Kurumu, Bayındırlık Ve İskan Bakanlığı, Sismoloji Şube Müdürlüğü