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Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 2010 - 2019
Yüksek Lisans, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 2007 - 2010
Lisans, İstanbul Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2003 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Zaman Gecikmeli ve Belirsiz Yapay Sinir Ağlarının Kararlılık Analizi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Matematik/Matematik, 2019
Yüksek Lisans, GENELLEŞTİRİLMİŞ LİNEER MODELLERDE MODEL SEÇİMİ ÜZERİNE ALTERNATİF BİR YAKLAŞIM, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2010

Araştırma Alanları

Diferansiyel denklemler, Dinamik Sistemler ve Ergodik Kuramı, Doğrusal ve Çoklu Doğrusal Cebir, Matris Kuramı, Sistem Kuramı:Kontrol

Akademik Unvanlar / Görevler

Doç.Dr., İstanbul Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2022 - Devam Ediyor
Dr.Öğr.Üyesi, İstanbul Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2020 - 2022
Araştırma Görevlisi, İstanbul Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2009 - 2019

Akademik İdari Deneyim

İstanbul Üniversitesi, Fen Fakültesi, Matematik , 2009 - 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Robust stability of dynamical neural networks with multiple time delays: a review and new results**
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VIII. **An improved Lyapunov functional with application to stability of Cohen-Grossberg neural networks of neutral-type with multiple delays**
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X. **New Results on Stability of Delayed Cohen-Grossberg Neural Networks of Neutral Type**
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XI. **New criteria for global stability of neutral-type Cohen-Grossberg neural networks with multiple delays**
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XII. **An analysis of stability of uncertain neural networks with multiple time delays**
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XIII. **A new upper bound for the norm of interval matrices with application to robust stability analysis of delayed neural networks**
Faydasicok O., Arik S.
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XIV. **A new robust stability criterion for dynamical neural networks with multiple time delays**
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XV. **Robust stability analysis of a class of neural networks with discrete time delays**
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XVI. **Further analysis of global robust stability of neural networks with multiple time delays**
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I. **A NEW CRITERION FOR STABILITY OF NEUTRAL-TYPE HOPFIELD NEURAL NETWORKS WITH CONSTANT DELAYS**
Faydasıçok Ö.
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II. **Stability Analysis of Neutral-Type Hopfield Neural Networks with Discrete Delays**
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Avrupa Bilim ve Teknoloji Dergisi, cilt.2020, sa.19, ss.515-523, 2020 (Hakemli Dergi)

III. **An Analysis of Global Stability of a Class of Neutral-Type Neural Systems with Time Delays**
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International Journal of Mathematical, Computational, Physical, Electrical and Computer Engineering, cilt.6, ss.391-395, 2012 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **An Analysis of Stability of Multiple Delayed Cohen-Grossberg Neural Networks of Neutral Type**
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III. **A Novel Condition for Stability of Cohen-Grossberg Neural Networks of Neutral-Type with Discrete Delays**
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IV. **A new robust stability result for delayed neural networks**
Faydasıçok Ö., Çiçek C., Arık S.
25. International Conference on Neural Information Processing, ICONIP 2018,, Siem-Reab, Kamboçya, 12 - 16 Aralık 2018, ss.343-352

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X. **An alternative approach on model selection in Generalized Linear Models**
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Bilimsel Dergilerdeki Faaliyetler

Mathematical Modelling and Control, Bilim Kurulu Üyeliği, 2021 - Devam Ediyor

Bilimsel Hakemlikler

FRACTAL AND FRACTIONAL, SCI Kapsamındaki Dergi, Ağustos 2022
JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, SCI Kapsamındaki Dergi, Ağustos 2022
ADVANCES IN DIFFERENCE EQUATIONS, SCI-E Kapsamındaki Dergi, Temmuz 2021
COGNITIVE NEURODYNAMICS, SSCI Kapsamındaki Dergi, Nisan 2021
NEURAL NETWORKS, SCI Kapsamındaki Dergi, Şubat 2020
IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS, SCI Kapsamındaki Dergi, Ocak 2020
NEURAL PROCESSING LETTERS, SCI Kapsamındaki Dergi, Ocak 2020
NEURAL COMPUTING & APPLICATIONS, SSCI Kapsamındaki Dergi, Aralık 2019
IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS, SCI Kapsamındaki Dergi, Aralık 2019
Neural Computing and Applications, SSCI Kapsamındaki Dergi, Nisan 2013
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Neural Processing Letters, SCI Kapsamındaki Dergi, Aralık 2012

Abstract and Applied Analysis, SCI Kapsamındaki Dergi, Haziran 2012
Nonlinear Dynamics, SCI Kapsamındaki Dergi, Ocak 2012
IEEE Transactions on Circuits and Systems-I, SCI Kapsamındaki Dergi, Aralık 2011

Metrikler

Yayın: 30
Atıf (WoS): 310
Atıf (Scopus): 408
H-İndeks (WoS): 8
H-İndeks (Scopus): 9

Kongre ve Sempozyum Katılımı Faaliyetleri

22. International Conference on Neural Information Processing, ICONIP 2015, Katılımcı, İstanbul, Türkiye, 2015
Ulusal Karmaşık Dinamik Sistemler ve Uygulamaları, Katılımcı, ANKARA, Türkiye, 2012
International Conference on Computer Mathematics and Natural Computing/An Analysis of Global Stability of a Class of Neutral-Type Neural Systems with Time Delays, Katılımcı, VENEDİK, İtalya, 2012
International Conference on Trends and Perspectives in Linear Statistical Inference/An Alternative Approach on Model Selection in Generalized Linear Models, Katılımcı, TOMAR, Portekiz, 2010