

Res. Asst. PhD ÖZGE CANLI USTA

Personal Information

Email: ozge.canli@deu.edu.tr

Web: <https://avesis.deu.edu.tr/ozge.canli>

International Researcher IDs

ORCID: 0000-0003-3469-5229

Publons / Web Of Science ResearcherID: AIA-7629-2022

ScopusID: 57210593588

Yoksis Researcher ID: 120135

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2022

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2011 - 2015

Undergraduate, Ege University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2007 - 2011

Dissertations

Doctorate, Average integrated causation entropy in analysis of chaotic dynamical networks in complete and cluster synchronization, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2022

Postgraduate, Speech protected active noise control system, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2015

Research Areas

Information Theory, Simulation, Modelling and Identification, General System Theory, Electrical and Electronics Engineering, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Causation Entropy En Route to Re-Synchronization Unfolds the Structure of Chaotic Dynamical Networks**
Canlı Usta Ö., Günel S.
IEEE TRANSACTIONS ON NETWORK SCIENCE AND ENGINEERING, vol.10, no.6, pp.3242-3252, 2023 (SCI-Expanded)
- II. **Speech protected noise cancellation system in noise dominated environments**
Usta O. C., Doğan H.
APPLIED ACOUSTICS, vol.189, 2022 (SCI-Expanded)
- III. **Can we detect clusters of chaotic dynamical networks via causation entropy?**
CANLI USTA Ö., GÜNEL S.
CHAOS, vol.30, no.6, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Entropi Ölçülerinin Kestirim Başarımının İncelenmesi**
Canlı Usta Ö., Günel S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.23, no.68, pp.435-457, 2021 (Peer-Reviewed Journal)
- II. **Öbek Eşzamanlılığın Nedensellik Entropisi ile Belirlenmesi**
CANLI USTA Ö., GÜNEL S.
Deu Mühendislik Fakültesi Fen ve Mühendislik, vol.21, no.63, pp.1027-1036, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Definition of a Graph Cepstrum for Homomorphic Processing of Graph Signals**
Canlı Usta Ö., Akay O.
31. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, İstanbul, Turkey, 5 - 08 July 2023, pp.1-4
- II. **Network reconstruction of chaotic synchronized networks via information theory**
Canlı Usta Ö., Günel S.
Inverse Network Dynamics - Network structure and function from nonlinear dynamics and time series data, Dresden, Germany, 12 - 21 September 2022, pp.1
- III. **Performance Evaluation of A Speech Protected Active Noise Control System**
CANLI USTA Ö., DOĞAN H.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 21 - 22 September 2019
- IV. **Detecting Cluster Synchronization in Chaotic Dynamic Networks via Information Theoretic Measures**
CANLI USTA Ö., GÜNEL S.
42nd International Conference on Telecommunications and Signal Processing (TSP), Budapest, Hungary, 1 - 03 July 2019, pp.521-524

Scientific Refereeing

2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2024), Conference Paper (Full Text), November 2023

2023 IEEE International Conference on Acoustics, Speech and Signal Processing, Conference Paper (Full Text), June 2023

APPLIED ACOUSTICS, SCI Journal, November 2022

Metrics

Publication: 9

Citation (WoS): 5

Citation (Scopus): 3

H-Index (WoS): 2

H-Index (Scopus): 1

Scholarships

Clarkson University Post-Doctoral Research Scholarship, University, 2024 - Continues