

Lect. PhD TÜRKER KOZA

Personal Information

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Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2011 - 2019

Undergraduate, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2017 - 2018

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2006 - 2010

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Yapay arı koloni algoritması kullanılarak çeyrek ayna süzgeç bankası tasarımı, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2019

Postgraduate, Mitral kapak Doppler sinyallerinin ileri işaret işleme metotları ile analizi ve sınıflandırılması, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2010

Academic and Administrative Experience

Yozgat Bozok University, 2016 - Continues

Yozgat Bozok University, 2011 - 2016

Yozgat Bozok University, 2008 - 2011

Courses

Sistem Analizi 2, Associate Degree, 2013 - 2014

Mesleki ve Teknik Yöntemler, Associate Degree, 2013 - 2014

Alternatif Akım Devre Analizi, Associate Degree, 2013 - 2014

Radyo TV Teknolojisi, Associate Degree, 2013 - 2014

İleri Mikrodenetleyiciler, Associate Degree, 2013 - 2014

Bilgisayar Destekli Devre Tasarımı, Associate Degree, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Adaptive FIR Filtering Using ABC Algorithm: a Noise Reduction Application on Mitral Valve Doppler Signal**
KOÇKANAT S., KOZA T., KARABOĞA N., Logoglu A.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.24, no.5, pp.62-68, 2018 (Journal Indexed in SCI)
- II. **Quadrature Mirror Filter Bank Design for Mitral Valve Doppler Signal Using Artificial Bee Colony Algorithm**
KOZA T., KARABOĞA N.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.23, no.1, pp.57-62, 2017 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Design of QMF Bank According to Power Spectral Intensity Using ABC Algorithm**
KOZA T., KARABOĞA N.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- II. **Examination of Success of the Finite Impulse Response Digital Filter designed using the Bat Algorithm**
Logoglu A., KOZA T., KOÇKANAT S., KARABOĞA N.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- III. **Performance Comparison of Two Channel CMFB and QMF Bank Designed via ABC Algorithm**
ÖZDEMİR G., KARABOĞA N., KOZA T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- IV. **Comparison of QMF Bank Designs in Frequency and Time Domain Using ABC Algorithm**
KOZA T., KARABOĞA N.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- V. **Noise Cancellation Application of ECG Signal Using Artificial Bee Colony Algorithm**
KOÇKANAT S., KOZA T., KARABOĞA N., ERKOÇ M. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1017-1020
- VI. **SSA Analysis of Noise Eliminated Transcranial Doppler Signals with IIR Filters**
KOZA T., Karaboga N., Kockana S., LATİFOĞLU F.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2021-2024
- VII. **IIR Filter Paramater Estimation with ABC Algorithm for Mitral Valve Doppler Signal Denoising**
KOÇKANAT S., KOZA T., KARABOĞA N.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1989-1992
- VIII. **Quadrature Mirror Filter Bank Design Using Differential Evolution Algorithm**
KOZA T., KARABOĞA N.
19th National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 5 - 06 November 2015
- IX. **Noise Cancellation on Mitral Valve Doppler Signal with IIR Digital Filter Using Harmony Search Algorithm**
Kamisliloglu B., KOÇKANAT S., KOZA T., KARABOĞA N.
IEEE International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), Bulgaria, 19 - 21 June 2013
- X. **SSA analysis of transcranial Doppler signal using IIR filters designed with ABC algorithm**
KARABOĞA N., LATİFOĞLU F., KOZA T.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
- XI. **Cancellation of noise on mitral valve Doppler signal using IIR filters designed with artificial bee colony algorithm**
KOÇKANAT S., KOZA T., KARABOĞA N.

Supported Projects

KOZA T., Project Supported by Higher Education Institutions, FDK-2012-4156 Çoklu Hıza Sahip Sayısal Süzgeçlerin Yapay Arı Koloni Algoritması ile Tasarımı, 2012 - 2019

Citations

Total Citations (WOS):24

h-index (WOS):3