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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-9280-2020

ScopusID: 6507383596

Yoksis Researcher ID: 111776

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 1993 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 1991 - 1993

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1983 - 1987

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Kesikli zaman durum-uzay modelleri indirgemeli tahmin ve yakınsama problemleri, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 1998

Postgraduate, Kesikli-Zaman Durum-Uzay modelleri ve indirgemeli tahmin, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 1993

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2021 - Continues

Assistant Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2001 - 2021

Academic and Administrative Experience

Ankara University, 2001 - 2012

Courses

İST 320 Simülasyon, Undergraduate, 2023 - 2024

Bilgisayar Programlama II, Undergraduate, 2021 - 2022

810554 Rasgele Sayılar ve Simülasyon, Postgraduate, 2021 - 2022, 2009 - 2010, 2008 - 2009, 2007 - 2008

İST 451 ÖZEL KONU-1, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2002 - 2003, 2001 - 2002, 2000 - 2001

İST 105 A-BİLG PROG I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2002 - 2003, 2001 - 2002, 2000 - 2001

İST 451 ÖZEL KONU-2, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2002 - 2003, 2001 - 2002, 2000 - 2001

İST 105 C-BİLG PROG I, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

İST 105 B-BİLG PROG I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2002 - 2003, 2001 - 2002, 2000 - 2001

Bilgisayar Programlama III, Undergraduate, 2016 - 2017

İST 310 Sayısal Analiz , Undergraduate, 2007 - 2008

İST 412 İstatistik Programlama ve Veri Tabanları, Undergraduate, 2006 - 2007

Bilgisayar Programlama IV, Undergraduate, 2005 - 2006

İST 411 İstatistik Yazılımlar, Undergraduate, 2005 - 2006

İST 312 İstatistik Hesaplama , Undergraduate, 2003 - 2004

İst 509 İstatistiki Hesaplama, Postgraduate, 2002 - 2003, 2001 - 2002

İst 544 İstatistiki Prog. ve Veri Tabanları, Postgraduate, 2002 - 2003

ist 554 Rasgele sayılar ve Simülasyon, Postgraduate, 2001 - 2002

İST 418 Ekonometri, Undergraduate, 1999 - 2000

Advising Theses

EFE M., ÖZBEK L., DUAL KALMAN FILTER APPROACH FOR SPEECH ENHANCEMENT FROM NOISY OBSERVATIONS, Postgraduate, H.ANKIŞHAN(Student), 2019

ÖZBEK L., Uyarlı Kalman filtresinin başarımlı ve kararlılık analizi, Doctorate, C.BİÇER(Student), 2011

ÖZBEK L., Kısıtlı durum kalman filtresi ve bazı uygulamaları, Doctorate, E.KÖKSAL(Student), 2009

ÖZBEK L., Makro ekonomik modellerde bilinmeyen parametre vektörünün ilerletilmiş kalman filtresi ile tahmin edilmesi üzerine bir çalışma, Postgraduate, A.ALCAN(Student), 2008

ÖZBEK L., Mitokondri genomundan evrimsel olarak nükleer genoma transfer olan genlerde kodon kullanım farkına bağlı mutasyon etkisi, Postgraduate, A.OLGUN(Student), 2007

EFE M., ÖZBEK L., Gürültülü ses sinyali iyileştirilmesine ikili kalman filtre yaklaşımı, Postgraduate, H.ANKIŞHAN(Student), 2007

ÖZBEK L., EEG sinyallerinin zaman serileri ile modellenmesi, Postgraduate, C.ŞENOL(Student), 2006

ÖZBEK L., Hedef takibinde uyarlı Kalman filtresinin kullanımı üzerine bir çalışma, Postgraduate, E.ÇERÇİOĞLU(Student), 2006

ÖZBEK L., UYKU EEG'SİNDE KARŞILAŞILAN İĞCİKLERİN (SPINDLE) SEZİMİ ÜZERİNE BİR ÇALIŞMA, S.ÖZKARA(Student), 2005

ÖZBEK L., Uyku EEG'sinde karşılaşılan içciklerin (spindle) sezimi üzerine bir çalışma, Postgraduate, S.ÖZKARA(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

1. An Empirical Analysis of Consumption and Current Account in an Intertemporal Stochastic Model

Özbek L., Hacıoğlu V., Koç Ü.

COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, vol.1, no.1, pp.1-20, 2024 (SCI-Expanded)

- II. **A nonparametric test for the two-sample problem based on order statistics**
Aliev F., Özbek L., Kaya M. F., Kuş C.
COMMUNICATIONS IN STATISTICS -THEORY AND METHODS, vol.53, no.10, pp.3688-3712, 2024 (SCI-Expanded)
- III. **An analysis of stock market prices by using extended Kalman filter: The US and China cases**
Özbek L., Canbaloglu B.
INVESTMENT ANALYSTS JOURNAL, vol.1, no.5, pp.5-21, 2023 (SSCI)
- IV. **A study on determination of the growth models using covid-19 cases between march 17 and july 12 2020 in turkey: Cross-sectional study Türkiye’de 17 mart ile 12 temmuz 2020 arasında covid-19 vakaları kullanılarak büyüme modellerinin belirlenmesi üzerine bir çalışma: Kesitsel çalışma**
ÖZBEK L.
Türkiye Klinikleri Journal of Medical Sciences, vol.41, no.3, pp.320-326, 2021 (SCI-Expanded)
- V. **A study on decomposing EEGs during sleep into frequency components and revealing spindles using Kalman filter**
ÖZBEK L.
CHAOS SOLITONS & FRACTALS, vol.144, 2021 (SCI-Expanded)
- VI. **Attachment and depression: The mediating roles of personal life projects and emotional intelligence**
Ince B., Simsek O. F., ÖZBEK L.
CURRENT PSYCHOLOGY, vol.39, no.6, pp.1910-1920, 2020 (SSCI)
- VII. **Performance and stochastic stability of the adaptive fading extended Kalman filter with the matrix forgetting factor**
BİÇER C., ÖZBEK L., ERBAY H.
OPEN MATHEMATICS, vol.14, pp.934-945, 2016 (SCI-Expanded)
- VIII. **Stability of the adaptive fading extended Kalman filter with the matrix forgetting factor**
Biçer C., Babacan E., ÖZBEK L.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.20, no.5, pp.819-833, 2012 (SCI-Expanded)
- IX. **Analysis of real oil prices via trend-cycle decomposition**
Özbek L., Özlale Ü.
Energy Policy, vol.38, no.7, pp.3676-3683, 2010 (SCI-Expanded)
- X. **ONLINE ESTIMATION OF CAPILLARY PERMEABILITY AND CONTRAST AGENT CONCENTRATION IN RAT TUMORS**
Özbek L., Efe M., Köksal Babacan E., Yazıhan N.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.2, pp.283-293, 2010 (SCI-Expanded)
- XI. **Stochastic stability of the discrete-time constrained extended Kalman filter**
ÖZBEK L., KÖKSAL BABACAN E., EFE M.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.18, no.2, pp.211-223, 2010 (SCI-Expanded)
- XII. **Decomposition of motor unit firing pattern using Kalman filtering**
ÖZBEK L., EFE M., CENGİZ B., TEMUÇİN Ç. M., Öztürk F.
Gazi University Journal of Science, vol.23, no.2, pp.155-162, 2010 (SCI-Expanded)
- XIII. **Stability of the Extended Kalman Filter When the States are Constrained**
KÖKSAL BABACAN E., ÖZBEK L., EFE M.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, vol.53, no.11, pp.2707-2711, 2008 (SCI-Expanded)
- XIV. **Analyzing time-varying effects of potential output growth shocks**
Ozlale U., ÖZBEK L.
ECONOMICS LETTERS, vol.98, no.3, pp.294-300, 2008 (SSCI)
- XV. **Prediction of the effects of mitochondrial genetic code's evolutionary reassignment on protein structure by ab initio modelling**
Olgun A., Ozbek L.
DRUGS OF THE FUTURE, vol.32, pp.145, 2007 (SCI-Expanded)

- XVI. **Employing the extended Kalman filter in measuring the output gap**
Ozbek L., Ozlale U.
JOURNAL OF ECONOMIC DYNAMICS & CONTROL, vol.29, no.9, pp.1611-1622, 2005 (SSCI)
- XVII. **An adaptive extended Kalman filter with application to compartment models**
Ozbek L., Efe M.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.33, no.1, pp.145-158, 2004 (SCI-Expanded)
- XVIII. **Evaluation of convergence rate in the central limit theorem for the Kalman filter**
Aliev F., Ozbek L.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, vol.44, no.10, pp.1905-1909, 1999 (SCI-Expanded)
- XIX. **Comments on "Adaptive fading Kalman filter with an application"**
Ozbek L., Aliev F.
AUTOMATICA, vol.34, no.12, pp.1663-1664, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Evaluation of Structural Differences Between the Sleep EEGs of Depressive and Normal Subjects by Using Itakura Distance Measure: A Preliminary Study**
Özbek L.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.2, no.2, pp.2-15, 2024 (ESCI)
- II. **The adaptive extended Kalman filter approach for the Lotka-Volterra model and application to economic variables**
Özbek L., Hacıoğlu V.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.2, pp.390-398, 2024 (ESCI)
- III. **Discrete-Time Gompertz Model for Adana Breed Pigeons**
Özbek L.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.1, no.1, pp.1-8, 2023 (Scopus)
- IV. **A study on the estimation of COVID-19 case with the adaptive kalman filter (AKF) in USA, Germany, United Kingdom, Italy, France, Russia, Brazil, India, Turkey, Spain, Peru, Colombia, South Africa, Argentina, Iran, Pakistan**
Özbek L.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.40, no.2, pp.323-343, 2022 (ESCI)
- V. **A STUDY ON MODELING OF RAT TUMORS WITH THE DISCRETE-TIME GOMPERTZ MODEL**
Özbek L.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.71, no.4, pp.1169-1179, 2022 (ESCI)
- VI. **A STUDY ON MODELING GROWTH MODEL OF ADANA PIGEONS**
Özbek L.
Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.64, no.2, pp.95-103, 2022 (Peer-Reviewed Journal)
- VII. **Estimation Of Risk Premium Parameters In The Fisher Equation By The State Space Model And Kalman Filter: Case Of Turkey**
Özbek L., Şen R. K.
İZMİR JOURNAL OF ECONOMICS, vol.37, no.1, pp.19-33, 2022 (Peer-Reviewed Journal)
- VIII. **ESTIMATION OF DAILY CASES OF COVID-19 AND REPRODUCTION NUMBER IN USA, GERMANY, INDIA, RUSSIA, ITALY, SPAIN, FRANCE, UNITED KINGDOM, BRAZIL USING DISCRETE TIME GOMPERTZ MODEL AND ADAPTIVE KALMAN FILTER**
Özbek L., Demirtaş H.
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, vol.22,

no.3, pp.239-259, 2021 (Peer-Reviewed Journal)

- IX. **A Study on the Estimation of COVID-19 Daily Cases and Reproduction Number Using Adaptive Kalman Filter for USA, Brazil, Germany, India, Russia, Italy, Spain, United Kingdom, France, Turkey.**
ÖZBEK L., DEMİRTAŞ H.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.13, no.1, pp.91-102, 2021 (Peer-Reviewed Journal)
- X. **A Modeling Study on the Estimation of COVID-19 Daily and Weekly Cases and Reproduction Number Using the Adaptive Kalman Filter: The Example of Ziraat Bank, Turkey**
met i., ÖZBEK L., Aksoy H., erkoç a.
Journal of Statistical and Econometric Methods, vol.10, no.3, pp.15-27, 2021 (Peer-Reviewed Journal)
- XI. **A STUDY ON THE MODELING AND SIMULATION FOR THE MOTOR UNIT ACTION POTENTIAL**
ÖZBEK L., TEMUÇİN Ç. M., CENGİZ B.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.70, no.1, pp.290-299, 2021 (ESCI)
- XII. **Levent Özbek, (2020), Kısmetse Olur – III, Kaderi ben mi yarattım, Müslüm'den Çıktık Yola Gauss'da Verdik Mola, Eleştirel Pedagoji, Sayı 65.**
Özbek L.
eleştirel pedagoji, no.51, pp.100-110, 2020 (Peer-Reviewed Journal)
- XIII. **AN ADAPTIVE EXTENDED KALMAN FILTERING APPROACH TO NONLINEAR DYNAMIC GENE REGULATORY NETWORKS VIA SHORT GENE EXPRESSION TIME SERIES**
ÖZBEK L.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.2, pp.1205-1214, 2020 (ESCI)
- XIV. **Levent Özbek, (2020), 5 Liralık Çorap Hikayesi, Eleştirel Pedagoji, Sayı 66, 57-59.**
Özbek L.
eleştirel pedagoji, no.66, pp.57-59, 2020 (Peer-Reviewed Journal)
- XV. **Rasgelelik Nedir**
Özbek L.
bilim ve gelecek, vol.11, no.101, pp.8-14, 2018 (Peer-Reviewed Journal)
- XVI. **Pi'nin rasgelelikteki gizemi**
Özbek L.
bilim ve gelecek, no.100, pp.30-40, 2018 (Peer-Reviewed Journal)
- XVII. **Çoklu Unutma Faktörleri ile Uyarlı Kalman Filtresi İçin İyileştirme**
BİÇER C., ÖZBEK L.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.33, no.1, pp.41-50, 2017 (Peer-Reviewed Journal)
- XVIII. **Reflections and Comments on Randomness**
ÖZBEK L.
Econometrics Letters, vol.3, no.2, pp.28-33, 2016 (Peer-Reviewed Journal)
- XIX. **Levent Özbek, (2016), Kısmetse Olur II, Eleştirel Pedagoji Dergisi, Sayı 48, 73-77.**
Özbek L.
eleştirel pedagoji, no.48, pp.73-77, 2016 (Peer-Reviewed Journal)
- XX. **. Levent Özbek, (2016), Kısmetse Olur I, Eleştirel Pedagoji Dergisi, Sayı 46-47, 108-113.**
Özbek L.
Eleştirel Pedagoji, no.46, pp.108-113, 2016 (Peer-Reviewed Journal)
- XXI. **Mutational consequences of the evolution of mitochondrial genetic code**
OLGUN A., ÖZBEK L.
Journal of Selçuk University Natural and Applied Science, vol.4, no.3, pp.1-11, 2015 (Peer-Reviewed Journal)
- XXII. **ESTIMATION OF TIME VARYING PARAMETERS IN AN OPTIMAL CONTROL PROBLEM**
Ozbek L., Babacan E.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.64, no.2, pp.111-121, 2015 (ESCI)
- XXIII. **MODIFIED UNSCENTED KALMAN FILTER FOR NONLINEAR SYSTEMS HAVING LINEAR SUBSYSTEMS**

Babacan E., Doroslovacki M. I., Ozbek L.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
vol.64, no.2, pp.89-98, 2015 (ESCI)

- XXIV. **Matris Unutma Faktörü İle Uyarlanmış Kalman Filtresinin Başarım Değerlendirmesi**
BİÇER C., KÖKSAL BABACAN E., ÖZBEK L.
Fırat Üniversitesi Fen Bilimleri Dergisi,, vol.25, no.1, pp.71-76, 2013 (Peer-Reviewed Journal)
- XXV. **Eğitim Üzerine Saçmalamalar**
Özbek L.
eleştirel pedagoji, vol.3, no.14, pp.16-18, 2011 (Peer-Reviewed Journal)
- XXVI. **Uyarlı kokusuz Kalman Filtresi**
Köksal Babacan E., Özbek L., Biçer C.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.59-67, 2011 (Peer-Reviewed Journal)
- XXVII. **Industrialization in Animal Agriculture: A Kalman Filter Analysis**
Erdogdu O. S., ÖZBEK L.
JOURNAL OF MODERN APPLIED STATISTICAL METHODS, no.1, pp.289-298, 2009 (ESCI)
- XXVIII. **Lineer Regülatör Parametrelerinin Kalman Filtresi Kullanılarak En çok olabilirlik Yöntemiyle Tahmini**
KÖKSAL BABACAN E., ÖZBEK L.
Selçuk Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, no.34, pp.93-100, 2009 (Peer-Reviewed Journal)
- XXIX. **Rasgelelik Üzerine Düşüncelerde Bir Gezinti**
Özbek L.
Koridor Dergisi, no.9, pp.4-7, 2009 (Peer-Reviewed Journal)
- XXX. **Türkiye de Tüketim Eğilimi ve Maliye Politikası**
ERDOĞDU O. S., ÖZBEK L.
İktisat İşletme ve Finans, vol.20, no.235, pp.29-35, 2005 (Peer-Reviewed Journal)
- XXXI. **İlerletilmiş Kalman Filtresi ve Sistem Belirleme Üzerine Bir Çalışma**
Özbek L.
Selçuk Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, no.25, pp.9-18, 2005 (Peer-Reviewed Journal)
- XXXII. **Employing Extended Kalman Filter in a Simple Macroeconomic Model**
Özbek L., Özlale Ü., Öztürk F.
Central Bank Review, vol.3, no.1, pp.53-65, 2003 (ESCI)
- XXXIII. **Yeniden Pi**
ÖZBEK L.
Pivolka, vol.2, no.5, pp.8-11, 2003 (Peer-Reviewed Journal)
- XXXIV. **Olasılık ve Olasılık Öğretimi Üzerine Bir Çalışma**
ÖZBEK L.
Matematik Dünyası, vol.11, no.2, pp.19-23, 2002 (Peer-Reviewed Journal)
- XXXV. **Uyarlı Kalman Filtresi**
ÖZBEK L.
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.369-380, 2000 (Peer-Reviewed Journal)
- XXXVI. **Rasgele Dizi ve Pi**
ÖZBEK L.
Matematik Dünyası, vol.9, no.1, pp.26-28, 2000 (Peer-Reviewed Journal)
- XXXVII. **Durum Uzay Modelleri ve Kalman Filtresi**
ÖZBEK L.
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.113-126, 2000 (Peer-Reviewed Journal)
- XXXVIII. **Fading Kalman Filter For Manoeuvring Target Tracking**
EFE M., ÖZBEK L.
Journal of the Turkish Statistical Association, vol.2, no.3, pp.193-206, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A STUDY ON THE NUMBER π AND RANDOMNESS**
ÖZBEK L.
in: RECENT ADVANCES IN MATHEMATICS, Assist. Prof. Dr. Esen HANAÇ DURUK, Editor, iksad publishing house, Ankara, pp.3-16, 2023
- II. **A Study On Software Reliability With Kalman Filter**
ÖZBEK L.
in: Data Analysis and Advanced Modeling Techniques, Assoc. Prof. Dr. Sadi ELASAN, Editor, BIDGE Publications, Ankara, pp.5-15, 2023
- III. **A Study On The Number π And Geometric Distribution**
ÖZBEK L.
in: Data Analysis and Advanced Modeling Techniques, Assoc. Prof. Dr. Sadi ELASAN, Editor, BIDGE Publications, Ankara, pp.16-30, 2023
- IV. **C ile Programlama Matematiksel ve İstatistiksel Uygulamalar**
ÖZBEK L.
Akademisyen Kitabevi, Ankara, 2022
- V. **Müslümden Çıktık Yola Matematikte Verdik Mola**
Özbek L.
Akademisyen Yayınevi Kitabevi, Ankara, 2021
- VI. **Olasılık ve Algoritma Tasarımına Giriş**
Özbek L.
Akademisyen Yayınevi Kitabevi, Ankara, 2018
- VII. **Kalman Filtresi**
ÖZBEK L.
Akademisyen, Ankara, 2017
- VIII. **Joint Generation of Binary, Ordinal, Count, and Normal Data with Specified Marginal and Association Structures in Monte-Carlo Simulations .**
demirtaş H., allozi R., Hu Y., İnan g., ÖZBEK L.
in: Monte Carlo Simulation-Based Statistical Modeling, Chen, Ding-Geng, Chen, John Dean, Editor, Springer, pp.3-16, 2017
- IX. **İstatistik Laboratuvarı**
Özbek L.
Pi Yayınları, Ankara, 2015
- X. **Kimsesiz Şiirler**
Özbek L.
Gazi Yayın Dağıtım, Ankara, 2010
- XI. **Algoritma Tasarımına Giriş Bazı Matematiksel ve İstatistiksel Uygulamalar**
Özbek L., Köksal Babacan E., Başkır M. B.
Gazi Kitabevi, Ankara, 2010
- XII. **Matematiksel Modelleme ve Simulasyon**
ÖZBEK L., Öztürk F.
Gazi Yay., Ankara, 2004
- XIII. **Online Estimation of the State and Parameters in Compartmental Models Using Extended Kalman Filtre**
ÖZBEK L., EFE M.
in: Nonlinear Dynamic in the Life and Social Science, William Sullis-Irina Trofimova, Editor, NATO Science Series Vol 320 IOS Press, pp.262-271, 2001
- XIV. **Online Estimation of the State and Parameters in Compartmental Models Using Extended Kalman Filter**
ÖZBEK L., EFE M.

in: Nonlinear Dynamics in the Life and Social Sciences, Sulis William, Trofimova Irina, Editor, IOS Press , pp.262-274, 2001

- XV. **Ders Geçme ve Kredi Sistemine Göre Bilgisayar 4, Ders Kitabı**
Özbek L.
Ecem Yayıncılık, Ankara, 1995

Refereed Congress / Symposium Publications in Proceedings

- I. **Analysis Of Exchange Rate In Turkey: An Application With Trend-Cycle Decomposition Method,**
Özbek L.
Pearson Journal International Conference on Social Sciences & Humanities, Ankara, Turkey, 22 - 25 January 2021, pp.10-20
- II. **A Plug-in Estimator for the Mean Value Function of a Geometric Process with Exponential Distribution**
PEKALP M. H., ÖZBEK L., AYDOĞDU H.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 28 September 2019, vol.2293
- III. **Uyarlı İki Aşamalı Kalman Filtresi**
BİÇER C., ÖZBEK L., KÖKSAL BABACAN E.
Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 - 01 May 2011
- IV. **Uyarlı Kokusuz Kalman Filtresi**
KÖKSAL BABACAN E., ÖZBEK L., BİÇER C.
Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 April - 01 May 2011
- V. **Uyarlı Kalman Filtresi ile GPS Tabanlı Navigasyon**
BİÇER C., ÖZBEK L., KÖKSAL BABACAN E.
Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 - 01 May 2011
- VI. **Dual kalman filter approach for colored noise corrupted speech enhancement Renkli gürültülü ses sinyali iyileş tirlmesine ikili kalman filtre yaklaşımı**
Ankışhan H., EFE M., ÖZBEK L.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.633-636
- VII. **Tümör Hücrelerinin Kılcal Damarlardan Geçirgenliğinin Online Tahmini**
ÖZBEK L., EFE M., YAZIHAN N., KÖKSAL BABACAN E.
5. İstatistik Günleri Sempozyumu, Antalya, Turkey, 24 - 27 May 2006, pp.254-260
- VIII. **Kısıtlı Durum Kalman Filtresi**
KÖKSAL BABACAN E., ÖZBEK L.
5. İstatistik Günleri Sempozyumu, Antalya, Turkey, 24 - 27 May 2006, pp.117-122
- IX. **Kesikli Zaman Deterministik Durum Uzay Modellerinde İlerletilmiş Kalman Filtresinin Yakınsaması**
KÖKSAL BABACAN E., ÖZBEK L.
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