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EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	Gazi Üniversitesi	İstatistik Pr. (iö)	2010 - 2014
Yüksek Lisans	University of Tabriz		2003 - 2005
Lisans	Imam Khomeini International University		1998 - 2003

ARAŞTIRMA ALANLARI

copulas, DEA, Biostatistics, Çok Değişkenli Analiz

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
Yardımcı Doçent	Altınbaş Üniversitesi	Temel Tıp Bilimleri Bölümü	2024 -
Doçent	İslamik Azad Üniversitesi	Matematik	2021 - 2023
Doktor Öğretim Üyesi	İslamik Azad Üniversitesi	Matematik	2009 - 2021

İDARİ GÖREVLER

Görev	Üniversite	Yıl
Komisyon Üyesi	İslami Azad Üniversitesi	2015 - 2016
Kalite Kurulu Üyesi	İslami Azad Üniversitesi	2014 - 2023
Yönetim Kurulu Üyesi	İslami Azad Üniversitesi	2014 - 2023

AKADEMİK VE MESLEKİ ÜYELİKLER

Kurum	Üyelik	Yıl
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ÜNİVERSİTE DIŞI DENEYİM

Ülke	Kurum	Görev	Yıl
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KİTAPLAR

Descriptive Statistics At a Glance
Orhan Akay
tehran/iran, 978-600-6053-00-4, 2021

MAKALELER

Hyperbolic and Trigonometric Generators of Archimedean Copulas: Characteristics and Performance
kazemi rad amir masoud,golshani leila,AKAY ORHAN,KOKABINEZHAD MOHSEN
Sahand Communications in Mathematical Analysis, 2025
 DOI: 10.22130/scma.2024.2037882.1847

MAKALELER

Price Bubble and the Effect of Economic Variables on the Exchange Rate in the Iranian Financial Market Using ARIMA and TAR Methods

Zahedi Yaghoob, Rezaei Nader, AKAY ORHAN

Financial Economics, 2023

[Ulusal](#) DOI: 10.30495/fed.2022.1955939.2682

Archimedean Copulas in investigating efficiency of placed powerhouse on dams

kazemi rad amir masoud, golshani leila, AKAY ORHAN, KOKABINEZHAD MOHSEN

Journal of Iranian Dam and Hydroelectric PowerPlant, 2022

[Ulusal](#)

Geometric Comments on Music

AKAY ORHAN

WSEAS TRANSACTIONS on ACOUSTICS and MUSIC, 2021

[Uluslararası](#) DOI: 10.37394/232019.2021.8.3

Archimedean Copulas and Several Methods on Constructing Generators

kazemi rad amir masoud, golshani leila, AKAY ORHAN

WSEAS TRANSACTIONS on SYSTEMS, 2021

[Uluslararası](#)

Investigating of the Best Location of Solar Plants in Turkey by Different Multiple Decision Methods

AKAY ORHAN, MIRZAPOUR AMIN

Politeknik Dergisi, 2020

[Uluslararası](#)

Using Copulas to Model Dependence Between Crude Oil Prices of West Texas Intermediate and Brent-Europe

AKAY ORHAN

Sahand Communications in Mathematical Analysis, 2020

[Uluslararası](#) DOI: 10.22130/SCMA.2020.117584.713

A New Model for the Secondary Goal in DEA

KINACI HARUN, AKAY ORHAN

Sahand Communications in Mathematical Analysis, 2019

[Uluslararası](#)

On Generators in Archimedean Copulas

AKAY ORHAN

Sahand Communications in Mathematical Analysis, 2018

[Uluslararası](#)

Investigating 32 fundamental Iranian dams and efficiency of placed powerhouse on them in 1393

AKAY ORHAN, Arjomand Milad

Journal of Iranian dam and hydroelectric powerplant, 2016

[Ulusal](#)

The Dependence Structure Between the Monthly Minimum and Maximum Barometric Data in Iran

AKAY ORHAN

Gazi University Journal of Science, 2016

[Uluslararası](#)

STOCHASTIC FRONTIER MODELS BY COPULAS AND AN APPLICATION

AKAY ORHAN, BAL HASAN, ÖZTÜRK FİKRİ, ALP İHSAN

U.P.B. Sci. Bull, 2016

[Uluslararası](#)

MAKALELER

Using Data Envelopment Analysis and Stochastic Frontier Analysis Methods to Evaluate Efficiency of Hydroelectricity Centers

KINACI HARUN, AKAY ORHAN, ALP İHSAN

Gazi University Journal of Science, 2016

Uluslararası

Additive generators of copulas

Bacıgal Tomas, AKAY ORHAN, Mesiar Radko, BAL HASAN

FUZZY SETS AND SYSTEMS, 2015

Uluslararası

A NOTE ON "GENERALIZED BIVARIATE COPULAS AND THEIR PROPERTIES"

AKAY ORHAN, Rahimi Asghar

Sahand Communications in Mathematical Analysis, 2015

Uluslararası

Generators of copulas and aggregation

Bacıgal Tomas, Mesiar Radko, AKAY ORHAN

Information Sciences, 2015

Uluslararası

New families of symmetric/asymmetric copulas

Mesiar Radko, AKAY ORHAN

FUZZY SETS AND SYSTEMS, 2014

Uluslararası

A New Measure for Detecting Influential DMUs in DEA

ACARLAR IRMAK, KINACI HARUN, AKAY ORHAN

Journal of Optimization, 2014

Uluslararası

An Archimedean copula family with hyperbolic cotangent generator

AKAY ORHAN, Bacıgal Tomas, BAL HASAN

International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014

Uluslararası

SIMULATION STUDY ON COPULAS

ŞAHİN TEKİN SİNEM TUĞBA, AKAY ORHAN, ÖRKÜ HACI HASAN

Sahand Communications in Mathematical Analysis, 2014

Uluslararası

MODELING OF DEPENDENCE STRUCTURES IN METEOROLOGICAL DATA VIA ARCHIMEDEAN COPULAS

AKAY ORHAN, BAL HASAN, ÇELEBİOĞLU SALİH

U.P.B. Sci. Bull., 2013

Uluslararası

Archimedean Copulas Family via Hyperbolic Generator

BAL HASAN, AKAY ORHAN

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, 2013

Uluslararası

An Application of Archimedean Copulas for Meteorological Data

AKAY ORHAN, ÜNSAL MEHMET GÜRAY

Gazi University Journal of Science, 2012

Uluslararası

BİLDİRİLER

BİLDİRİLER

SEVERAL METHODS IN CONSTRUCTING GENERATORS OF ARCHIMEDEAN COPULAS

kazemi rad amir masoud, golshani leila, AKAY ORHAN
the 6th Seminar on Copula Theory and its Applications, 2021

Ulusal

Using copulas to model dependence between crude oil prices

AKAY ORHAN
International Conference of Mathematical Sciences (ICMS 2019), 2019

Uluslararası

Copulas in stochastic frontier models by an application

AKAY ORHAN
Copulas and their Applications, 2017

Uluslararası

On selection of copulas

AKAY ORHAN
VII Int. Joint Con. of Georgian Math. Union & Georgian Mechanical Union, 2016

Uluslararası

Using copulas in the stochastic frontier analysis and an application on efficiency of Iranian hydroelectricity centers

AKAY ORHAN, Arjomand Milad
8. NATIONAL CONFERENCE OF DEA, 2016

Ulusal

Hyperbolic Archimedean copulas by wavelets

AKAY ORHAN
The Euler International Mathematical Institute, 2015

Uluslararası

Copulas And Their Extensions

AKAY ORHAN
5th International Scientific Conference of Iranian Academics in Turkey, 2015

Uluslararası

A NEW ARCHIMEDEAN COPULAS FAMILY WITH TRIGONOMETRIC GENERATOR

AKAY ORHAN
The second science news conference, 2014

Ulusal

A NEW APPROACH FOR THE SECONDARY GOAL IN DEA

KINACI HARUN, AKAY ORHAN, ACARLAR IRMAK
11 INTERNATIONAL CONFERENCE ON DEA, 2013

Uluslararası

PROJELER

GEOMETRIC REPRESENTATION OF MUSIC (Yürütücü)

Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, 25.10.2010 - 25.07.2011

Ulusal Tamamlandı

MULTIVARIATE COPULAS (Yürütücü)

Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, 22.04.2012 - 22.09.2012

Ulusal Tamamlandı

New Archimedean copulas family with trigonometric and hyperbolic generators (Yürütücü)

Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, 09.10.2012 - 09.03.2013

Ulusal Tamamlandı

PROJELER

A new method in model selection via goodness of fit test (Yürütücü)

Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, 08.03.2015 - 08.09.2015

Ulusal Tamamlandı

TEZ DANIŞMANLIKLARI

Using Copulas with trigonometric and hyperbolic generator in Stochastic Frontier Analysis with an applied example

amirmasoud kazemi rad

2023 Doktora

Test of reciprocal transfer bubble financial markets (Stock Exchange, Exchange and Gold)

yaghoob zahedi

2022 Doktora

Investigation the impact of cash holding on-trade credit by emphasizing the role of competition in the market

mohammadreza mahdavi manesh

2021 Yüksek Lisans

The relationship between debt financing with the growth and survival of listed companies in Tehran Stock Exchange

HADI YAZDANI

2019 Yüksek Lisans

Relationship between values of the national culture and sensitivity of investors on prices in the Tehran Stock Exchange

mahsa mohebbkhah

2019 Yüksek Lisans

DERSLER

Ders Türü	Ders Kodu	Ders Adı
Lisans	MED112	INTRODUCTION TO RESEARCH METHODOLOGY
Lisans	DEN304	ADVANCED RESEARCH METHODOLOGY II
Lisans	MED162	BIOSTATISTICS
Lisans	MED100	MOLECULAR AND CELLULAR MEDICAL SCIENCES
Lisans	MED100-C1	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE I
Lisans	MED100-C2	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE II
Lisans	MED100-C3	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE III
Lisans	MED100-C4	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE IV
Lisans	MED300	INTRODUCTION TO CLINICAL SCIENCES (BODY SYSTEM DISEASES)
Lisans	MED300-C7	NEUROLOGICAL SCIENCES, PSYCHIATRY AND MUSCULOSKELETAL SYSTEM COMMITTEE - VII

KİŞİSEL BİLGİLER

İLETİŞİM BİLGİLERİ

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