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Personal Information

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Address: Karadeniz Teknik Üniversitesi, İstatistik ve Bilgisayar Bilimleri Bölümü Ortahisar/Trabzon

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, , Turkey 2002 - 2007

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, , Turkey 1998 - 2002

Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, , Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Yer Radarı (GPR) Verilerinin İşlenmesinde Yeni Yaklaşımlar, Karadeniz Technical University, Fen Bilimleri Enstitüsü, , 2007

Postgraduate, Ters Evirişim (Deconvolution) Tekniklerinin Karşılaştırılması ve 1-Boyutlu Tam Ters Evirişim Yöntemi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, , 2002

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Fuzzy Sets and Systems, Pattern Recognition and Image Processing, Neural Networks, Optimization, Statistical Analysis and Applications

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Fen Fakültesi, İstatistik Ve Bilgisayar Bilimleri, 2018 - Continues
Karadeniz Technical University, Fen Fakültesi, İstatistik Ve Bilgisayar, 2018 - 2018

Assistant Professor, Karadeniz Technical University, Fen Fakültesi, İstatistik Ve Bilgisayar, 2008 - 2018

Assistant Professor, Bozok Üniversitesi, Mühendislik Mimarlık Fakültesi, Jeoloji Mühendisliği, 2007 - 2008

Lecturer, Karadeniz Technical University, Rektörlük, Enformatik, 2001 - 2007

Research Assistant, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Jeofizik Mühendisliği, 1999 - 2001

Academic and Administrative Experience

Karadeniz Technical University, Fen Fakültesi, İstatistik Ve Bilgisayar Bilimleri, 2013 - Continues

Courses

NUMERICAL ANALYSIS, Undergraduate, 2021 - 2022
İstatistiksel Veri Analizi ve Yorumlama, Postgraduate, 2019 - 2020
İstatistiksel Öğrenme Teorisi, Doctorate, 2019 - 2020
YAPAY ZEKAYA GİRİŞ, Undergraduate, 2017 - 2018
SAYISAL GÖRÜNTÜ İŞLEME, Undergraduate, 2017 - 2018
İSTATİSTİKSEL YAZILIMLAR, Undergraduate, 2017 - 2018
YAPAY SİNİR AĞLARI, Undergraduate, 2017 - 2018

Advising Theses

Kesemen O., Yapay Çekirge Sürü Optimizasyonu, Doctorate, E.ÖZKUL(Student), 2022
Kesemen O., Çok değişkenli normal dağılım için yeni bir deneysel uyum iyiliği testi, Doctorate, B.KAAN(Student), 2021
KESEMEN O., Radon dönüşümü ile sayısal görüntülerdeki grafların içerdiği tüm üçgenlerin bulunması, Postgraduate, S.ERTÜRK(Student), 2018
KESEMEN O., Bulanık Yerine Koyma ile Rastgele Örneklemeye, Postgraduate, E.NAZ(Student), 2018
KESEMEN O., Kutupsal Koordinatlarda Ki-Kare ve Kolmogorov-Smirnov Uyum İyiliği Testleri, Postgraduate, A.PAK(Student), 2017
KESEMEN O., Dört İşlem Kombinasyon Probleminin Tip-2 Ağaç Yapısı ile Çözümü, Postgraduate, E.AĞAYEV(Student), 2017
KESEMEN O., Çokgensel Alanda İki Değişkenli Sürekli Dağılım Fonksiyonu için Uyum İyiliği Testleri, Postgraduate, T.JULUYURT(Student), 2015
KESEMEN O., Dinamik Görüntülerde Mikro Değişimlerin Gerçek Zamanlı Ölçülmesi, Postgraduate, M.KESİM(Student), 2015
KESEMEN O., Ağırlıklı Yönel Kümeleme Algoritmaları Kullanılarak Renkli Görüntülerin Renk Özü Tabanlı Bölütlenmesi, Postgraduate, S.VEFAEINAHİR(Student), 2015
KESEMEN O., Çokgensel Alan İçerinde İki Değişkenli Keyfi Bir Dağılımdan Rastgele Sayı Üretimi, Postgraduate, B.Kaan(Student), 2014
KESEMEN O., Yönel Verilerin Kümelenmesinde Bulanık C-Ortalamlar Algoritması, Postgraduate, Ö.TEZEL(Student), 2014
KESEMEN O., Sayısal Görüntülerde İki Boyutlu Nesne Analizi İle Beton Boşluk Oranının Kestirimi, Postgraduate, E.ÖZKUL(Student), 2014
KESEMEN O., Spektral Ters Entropi Özniteliğinin Ağırlıklı Bulanık Kümelenmesi ile Ses Verilerinin Bölütlenmesi, Postgraduate, N.JABBARI(Student), 2014
KESEMEN O., Karayolları Üzerinde Dağıtım Noktalarının Konumunun Belirlenmesinde Yapay Arı Koloni Algoritmasının Kullanılması, Postgraduate, Y.YEĞİNOĞLU(Student), 2014
KESEMEN O., Yapay Arı Koloni Algoritması Kullanılarak Çokgensel Güven Bölgesinin Belirlenmesi Ve Maden Ocaklarına Uygulanması, Postgraduate, Ü.ÜNSAL(Student), 2014
KESEMEN O., Çok Tepeli Yapay Arı Koloni Optimizasyon Algoritması İle Yer Radarı Görüntülerindeki Saçılma Hiperbollerinin Otomatik Bulunması, Postgraduate, T.RAHKAR(Student), 2013
KESEMEN O., İkil Görüntülerde Nesnelerin Baskın Noktalarının Belirlenmesinde Optimizasyon Algoritmaları, Postgraduate, Ç.GÜNGÖR(Student), 2012
KESEMEN O., Melodik Işık Seslerindeki Notaların Otomatik Belirlenmesi, Postgraduate, G.KARPUZ(Student), 2011

Jury Memberships

Competition, Teknofest 2019, Türkiye Teknoloji Takımı Vakfı, November, 2018

Competition, Liselerarası Akıl ve Zeka Yarışması , Trabzon Ortahisar İlçe Milli Eğitim Müdürlüğü, April, 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Random sampling with fuzzy replacement**
KESEMEN O., TİRYAKI B. K. , TEZEL Ö., ÖZKUL E., Naz E.
Expert Systems with Applications, vol.185, 2021 (Journal Indexed in SCI)
- II. **A New Goodness of Fit Test for Multivariate Normality**
Kesemen O., Tiryaki B. K. , Tezel Ö., Özkul E.
Hacettepe Journal Of Mathematics And Statistics, vol.50, no.3, pp.872-894, 2021 (Journal Indexed in SCI Expanded)
- III. **Fuzzy c-Means Directional Clustering (FCMDC) algorithm using trigonometric approximation**
KESEMEN O., TEZEL Ö., ÖZKUL E., TİRYAKI B. K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.1, pp.140-152, 2020
(Journal Indexed in SCI)
- IV. **Solving cross-matching puzzles using intelligent genetic algorithms**
KESEMEN O., ÖZKUL E.
ARTIFICIAL INTELLIGENCE REVIEW, vol.49, no.2, pp.211-225, 2018 (Journal Indexed in SCI)
- V. **Fuzzy c-means clustering algorithm for directional data (FCM4DD)**
KESEMEN O., TEZEL Ö., ÖZKUL E.
EXPERT SYSTEMS WITH APPLICATIONS, vol.58, pp.76-82, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A New Goodness-of-Fit Test: Free Chi-Square (FCS)**
Tezel Ö., Tiryaki B. K. , Özkul E., Kesemen O.
Gazi University Journal of Science, vol.34, no.3, pp.879-897, 2021 (Journal Indexed in ESCI)
- II. **Finding combinations of four-operations with Type-2 tree structure**
Özkul E., Tiryaki B. K. , Tezel Ö., Ağayev E., Kesemen O.
Pamukkale University Journal of Engineering Sciences, vol.27, no.1, pp.52-59, 2021 (Journal Indexed in ESCI)
- III. **Some Statistics in Polar Coordinate System with Uniform Angles**
Kesemen O., Tiryaki B. K. , Tezel Ö., Pak A.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.3, pp.846-867, 2020 (Journal Indexed in ESCI)
- IV. **CONFIDENCE REGIONS FOR BIVARIATE PROBABILITY DENSITY FUNCTIONS USING POLYGONAL AREAS**
KESEMEN O., ÖZKUL E., ÜNSAL Ü.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.276-306, 2020 (Journal Indexed in ESCI)
- V. **A Novel Approximation for Computation Bivariate Distribution Functions in Polygonal Area**
KESEMEN O., TİRYAKI B. K. , ULUYURT T.
Gümüşhane University Journal of Science and Technology Institute, vol.9, no.1, pp.88-98, 2019 (International Refereed University Journal)
- VI. **Non-Uniform Random Number Generation from Arbitrary Bivariate Distribution in Polygonal Area**
KESEMEN O., TİRYAKI B. K.
Süleyman Demirel University Journal of Natural and Applied Sciences, vol.22, no.2, pp.443-457, 2018
(International Refereed University Journal)
- VII. **Chi-Square Goodness of Fit Test for Bivariate Distributions in Polygonal Area**
KESEMEN O., TİRYAKI B. K. , ULUYURT T.
International Journal of Scientific and Technological Research, vol.4, no.10, pp.528-540, 2018 (Refereed Journals)

of Other Institutions)

- VIII. **Determination of the Confidence Intervals for Multimodal Probability Density Functions**
Kesemen O., Tiryaki B. K., Özkul E., Tezel Ö.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.310-326, 2018 (Journal Indexed in ESCI)
- IX. **Sayısal Görüntülerde Nesnelerin Baskın Noktalarının Algılanmasında İstatistiksel Yaklaşımlar**
KESEMEN O., GÜNGÖR Ç.
İstatistik Araştırma Dergisi, vol.09, no.2, pp.93-100, 2012 (Other Refereed National Journals)
- X. **Çokgen Alanlarda İki Değişkenli Birikimli Dağılım Fonksiyonunun Bulunması**
KESEMEN O., DOĞRU F. Z.
İstatistik Araştırma Dergisi, vol.09, no.1, pp.65-71, 2012 (Other Refereed National Journals)
- XI. **Certain asymptotic results for the stationary characteristics of semimarkovian random walk with constraint**
KHANIEV T., KESEMEN T., KESEMEN O., ALIEV R.
Automatic Control and Computer Sciences, vol.40, no.1, pp.26-37, 2006 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **SIK-BUL (Sıklık Bulmaca)**
KESEMEN O., KARAKAYA G.
Akademi Kitabevi Yayınları, Trabzon, 2010
- II. **Adım Adım LATEX**
RAHIMOV A. A., KESEMEN O.
DERYA YAYINEVİ, Trabzon, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **A Numerical Approximation of Inversion Method to Generate Non-Uniform Random Numbers**
KESEMEN O., TİRYAKİ B. K., PAK A.
11. International Statistics Congress, Muğla, Turkey, 4 - 08 October 2019, pp.328-335
- II. **A New Approximation for Fuzzy Directional Clustering(FDC)**
Kesemen O., Tezel Ö., Özkul E., Tiryaki B. K.
11th International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018, pp.75
- III. **Directional K-Means Algorithm Using Signed Angular Distance**
Kesemen O., Tiryaki B. K., Tezel Ö., Özkul E.
11th International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018, pp.155
- IV. **Full Automatic Evaluation of Seismic Refraction Data**
KESEMEN O., ERTÜRK S., NAS E.
11. International Statistics Days Conference, 3 - 07 October 2018
- V. **Detection of Lines on Images with Multimodal Directional Artificial Bee Colony Algorithm**
Kesemen O., Özkul E., Tiryaki B. K., Tezel Ö.
11th International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018, pp.151
- VI. **Solving Cross-Matching Puzzle Using Heuristic Approximation with Probabilities**
Kesemen O., Özkul E., Tezel Ö., Tiryaki B. K.
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018, pp.414
- VII. **Calculating the Moments of Circular Data Using Angular Distance**
Kesemen O., Tezel Ö., Özkul E., Tiryaki B. K.
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018, pp.763-764

- VIII. **Finding Combinations of Four Operations with Type-2 Search Method**
Kesemen O., Tiryaki B. K. , Özkul E., Tezel Ö., Ağayev E.
International Conference on Computational and Statistical Methods in Applied Sciences COSTAS 2017, Samsun, Turkey, 9 - 11 November 2017, pp.37-38
- IX. **Finding Combinations Of Four Operations With Type-2 Search Method**
KESEMEN O., TİRYAKİ B. K. , ÖZKUL E., TEZEL Ö., AGAYEV E.
International Conference on Computational and Statistical Methods in Applied Sciences COSTAS 2017, 9 - 11 November 2017, pp.37-38
- X. **Bitki Dallarının Ortalama Yönelim Sayılarının Belirlenmesinde Yönelim Kümeleme Yaklaşımı**
KESEMEN O., TİRYAKİ B. K. , TEZEL Ö., ÖZKUL E.
XVIII. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu 2017, Trabzon, Turkey, 5 - 07 October 2017, pp.364
- XI. **Yapay Arı Kolonisi Algoritmasıyla Test Sorularının Soru Kağıdına Otomatik Yerleştirilmesi**
Kesemen O., Tiryaki B. K. , Özkul E., Tezel Ö.
XVIII. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu 2017, Trabzon, Turkey, 5 - 07 October 2017, pp.382
- XII. **Yığın Ortalamasının Kestiriminde Z ve T Testlerinin Benzetimle Karşılaştırılması**
Kesemen O., Tiryaki B. K. , Tezel Ö., Özkul E.
XVIII. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu 2017, Trabzon, Turkey, 5 - 07 October 2017, pp.422-423
- XIII. **Real time measurement of micro changes in dinamic images Dinamik Görüntülerde Mikro Değişimlerin Gerçek Zamanlı Ölçülmesi**
KESEMEN O., TEZEL Ö., ÖZKUL E., KESİM M.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XIV. **A comparison of validity indices on fuzzy C-means clustering algorithm for directional data**
Kesemen O., Tezel Ö., Özkul E., Tiryaki B. K. , Ağayev E.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XV. **Hue-Based Segmentation of Color Images Using Weighted Directional Clustering Algorithms**
KESEMEN O., ÖZKUL E., TEZEL Ö., TİRYAKİ B. K. , Vefaeinahr S.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XVI. **Real Time Measurement of Micro Changes in Dinamic Images**
KESEMEN O., TEZEL Ö., ÖZKUL E., KESİM M.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XVII. **The Use of ABC and PSO Algorithms for Determination of the Shortest Multiple Target Route for Armed UAVs**
KESEMEN O., ÖZKUL E., ERTÜRK S.
Xth International Statistics Days Conference, Giresun, Turkey, 07 October 2016, pp.802-807
- XVIII. **Investigation of the Kolmogorov Smirnov Test Statistics**
KESEMEN O., TİRYAKİ B. K. , EBRU N.
Xth International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016, pp.768-773
- XIX. **Comparison of the Directional Fuzzy Clustering Algorithms via Cluster Centers obtained the Directional Hierarchical Clustering**
Kesemen O., Tezel Ö., Pak A.
Xth International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016, pp.734-742
- XX. **A Novel Approximation for Computation Bivariate Distribution Functions in Polygonal Area**
KESEMEN O., TİRYAKİ B. K. , ULUYURT T.
5th International Eurasian Conference On Mathematical Sciences And Applications, Belgrade, Serbia And Montenegro, 16 - 19 August 2016
- XXI. **Novel Approximation for Computation Bivariate Distribution Functions in Polygonal Area**
KESEMEN O., TİRYAKİ B. K. , ULUYURT T.
5TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Belgrad,

Serbia And Montenegro, 16 August - 19 September 2016, pp.191

- XXII. **Multi Decision of Determining the Location of Dominant Point in Digital Images by Multi Local Methods**
KESEMEN O., YEGİNOĞLU Y., GÜNGÖR Ç.
International Symposium on Aggregation on Bounded Lattices, Trabzon, Turkey, 16 June 2016 - 20 June 2014, pp.35-36
- XXIII. **Determining Statistical Tables Using Simulation**
TİRYAKİ B. K. , KESEMEN O.
9th International Statistics Congress, Antalya, Turkey, 28 October - 01 November 2015
- XXIV. **Yönel Verilerde Uyum İyiliği Testi**
KESEMEN O., BAYRAK H., TEZEL Ö.
9. Uluslararası İstatistik Kongresi, Antalya, Turkey, 28 October - 01 November 2015
- XXV. **Goodness-of-Fit Test For Directional Data**
KESEMEN O., BAYRAK H., TEZEL Ö.
9th International Statistics Congress, Antalya, Turkey, 28 October - 01 November 2015, pp.45-46
- XXVI. **İstatistiksel Test Tablolarının Benzetimle Elde Edilmesi**
TİRYAKİ B. K. , KESEMEN O.
9. Uluslararası İstatistik Kongresi, Antalya, Turkey, 28 October - 01 November 2015, pp.306-307
- XXVII. **Recognition of the Objects in Digital Images Using Weighted Fuzzy C Means Clustering Algorithm for Directional Data W-FCM4DD**
Özkul E., Kesemen O.
19th European Young Statisticians Meeting, Praha, Czech Republic, 31 August - 04 September 2015, pp.113-114
- XXVIII. **Fuzzy Similarity Measure For Geometric Shapes in Digital Images**
KESEMEN O., TEZEL Ö., TİRYAKİ B. K.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014
- XXIX. **A New Method For Fuzzy Ranking For Fuzzy Numbers**
KESEMEN O., TİRYAKİ B. K. , TEZEL Ö.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014
- XXX. **Multi Decision Of Determining The Location Of Dominant Point in Digital Images by Multi Local Methods**
KESEMEN O., YEGİNOĞLU Y., GÜNGÖR Ç.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014
- XXXI. **Fuzzy Clustering For Line Segments in Digital Images With Multi Parameters**
KESEMEN O., ÖZKUL E.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014
- XXXII. **Automatic Detection Of Fuzzy Segment Of Musical Notes Using Weighted Fuzzy C Means Clustering With Optimal Segment Numbers**
KESEMEN O., JABBARİ N., KESİM M.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014
- XXXIII. **Fuzzy Similarity Measure for Geometric Shapes in Digital Images**
KESEMEN O., TEZEL Ö., TİRYAKİ B. K.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014, pp.32
- XXXIV. **A New Method for Fuzzy Ranking for Fuzzy Numbers**
KESEMEN O., TİRYAKİ B. K. , TEZEL Ö.
International Symposium on Aggregation on Bounded Lattices (ABLAT), Trabzon, Turkey, 16 - 20 June 2014, pp.33-34
- XXXV. **Fuzzy Clustering for Line-Segments in Digital Images with Multi Parameters**
KESEMEN O., ÖZKUL E.
International Symposium on Aggregation on Bounded Lattices, Antalya, Turkey, 16 - 20 June 2014, pp.30-31
- XXXVI. **Multi Decision of Determining the Location of Dominant Point in Digital Images by Multi Local Methods**

- KESEMEN O., YEGİNOĞLU Y.
International Symposium on Aggregation on Bounded Lattices, Trabzon, Turkey, 16 - 20 June 2014, pp.35-36
- XXXVII. **Average Air Temperature Forecasting Of Trabzon Using Artificial Neural Networks**
TEZEL Ö., KESEMEN O., ÖZKUL E.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014
- XXXVIII. **A Novel Method For Random Numbers Generating In The Polygonal Area**
TİRYAKI B. K. , KESEMEN O., ÜNSAL Ü.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014
- XXXIX. **Polygonal Approach in Determining 2D Confidence Region Of Multimodal Distribution Function Using Monte Carlo Method**
YEGİNOĞLU Y., KESEMEN O., ÜNSAL Ü.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014
- XL. **Investigation Significant Differences Between Standard Linear Method And Proposed Method in The Estimation Of The Air Void Analysis Of Hardened Concrete**
ÖZKUL E., KESEMEN O.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014
- XLI. **Different Approaches For Decrease Of Type I Error At Chi Square Goodness Of Fit Test**
KESEMEN O., KESİM M., TEZEL Ö.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014
- XLII. **Different Approaches for Decrease of Type I Error at Chi-Square Goodness of Fit Test**
KESEMEN O., KESİM M., TEZEL Ö.
9. International Statistics Days Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.69
- XLIII. **Investigation Significant Differences between Standard (Linear) Method and Proposed Method in the Estimation of the Air Void Analysis of Hardened Concrete**
Özkul E., Kesemen O.
9th International Statistics Days Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.68
- XLIV. **Polygonal Approach in Determining 2D Confidence Region of Multimodal Distribution Function Using Monte Carlo Method**
YEGİNOĞLU Y., KESEMEN O., ÜNSAL Ü.
9th International Statistics Day Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.56
- XLV. **Bivariate Kolmogorov-Smirnov Goodness of Fit Test on Polygonal Areas**
ULUYURT T., KESEMEN O., TİRYAKI B. K.
9. International Statistics Days Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.68
- XLVI. **Average Air Temperature Forecasting of Trabzon Using Artificial Neural Networks**
Tezel Ö., Kesemen O., Özkul E.
9th International Statistics Days Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.40
- XLVII. **A Novel Method for Random Numbers Generating in the Polygonal Area**
TİRYAKI B. K. , KESEMEN O., ÜNSAL Ü.
9th International Statistic Days Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.69
- XLVIII. **MULTI HYPERBOLE DETECTION ON IMAGES USING MODIFIED ARTIFICIAL BEE COLONY (ABC) FOR MULTIMODAL FUNCTION OPTIMIZATION**
Rahkar-Farshi T., Kesemen O., Behjat-Jamal S.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.894-898
- XLIX. **Determining Minimum Number Of Class For Chi Square Goodness Of Fit Test Using t Test With Simulation**
KESEMEN O., TİRYAKI B. K.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013
- L. **Bivariate Chi Square Goodness Of Fit Test In Polygonal Areas**
KESEMEN O., ULUYURT T.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013

- LI. **Determination Mine Reserve Area In Open Pit With Particle Swarm Optimization PSO**
KESEMEN O., ÜNSAL Ü.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013
- LII. **Determination Of The Locations Of Distribution Centers On The Road Using Modified Artificial Bee Colony Algorithm**
KESEMEN O., YEGİNOĞLU Y., ÖZKUL E.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013
- LIII. **Determination Mine Reserve Area in Opet Pit with Particle Swarm Optimization (PSO)**
KESEMEN O., ÜNSAL Ü.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013, pp.350-351
- LIV. **DETERMINING MINIMUM NUMBER OF CLASS FOR CHI-SQUARE GOODNESS OF FIT TEST USING T-TEST WITH SIMULATION**
KESEMEN O., TİRYAKİ B. K.
8. International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013, pp.230-231
- LV. **A New Approach to The Determination of The Optimal Number of Clusters**
Kesemen O., Tezel Ö.
8. International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013, pp.352-353
- LVI. **Değiştirilmiş Yapay Arı Kolonisi Algoritması Kullanılarak Yol Güzergahı Üzerinde Dağıtım Merkezlerinin Yerlerinin Belirlenmesi**
KESEMEN O., YEGİNOĞLU Y., ÖZKUL E.
8. Uluslararası İstatistik Kongresi, Antalya, Turkey, 27 - 30 October 2013, pp.354-355
- LVII. **Determination of the Locations of Distribution Centers on the Road Using Modified Artificial Bee Colony Algorithm**
Kesemen O., Yeginoğlu Y., Özkul E.
8th International Statistics Congress, Antalya, Turkey, 27 - 30 October 2013, pp.354-355
- LVIII. **The comparison of Harris corner detection method and statistical methods for detection of dominant points of two-dimensional objects**
KESEMEN O., GÜNGÖR Ç.
18th European Young Statisticians Meeting, Osijek, Croatia, 26 - 30 August 2013, pp.32
- LIX. **Auto Test Exam Preparation Software for Each Student**
KESEMEN O., RAHKAR FARSHI T., ULUYURT T.
1st International Instructional Technologies & Teacher Education Symposium, Trabzon, Turkey, 26 - 28 June 2013, pp.1
- LX. **Uyarlamalı Yüzdeler Kullanılarak Otomatik Not Sınıflandırma**
KESEMEN O., YEGİNOĞLU Y.
First International Instructional Technologies & Teacher Education Symposium, Trabzon, Turkey, 26 - 28 June 2013, pp.214
- LXI. **Grade Classification Using Automatic Adaptive Percentile**
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