9-11 November 2017

COSTAS

CONFERENCE PROGRAM

International Conference
on Computational and
Statistical Methods in
Applied Sciences

Samsun/TURKEY

THURSDAY (09 November 2017)

08:00-17:00	Registration
09:00-10:00	Opening Ceremony (UZEM Conference Center)
10:00-10:45	Tutorial 1: (Hall-1)
	"Strategies for improving the reliability of systems and networks"
	Prof. Dr. David Percy, Salford University, United Kingdom
10:45-11:00	Coffee Break
11:00-12:15	Session I
12:15-13:30	Lunch
13:30-14:15	Tutorial 2: (Hall-1)
	"Configural Frequency Analysis"
	Prof.Dr.Yüksel Bek , Ondokuz Mayıs University, Samsun
14:15-14:30	Coffee Break
14:30-16:00	Session II
16:00-16:15	Coffee Break
16:15-17:45	Session III

FRIDAY (10 November 2017)

08:00-17:00	Registration
09:30-10:15	Tutorial 3: (Hall-1)
	"Cure Models"
	Prof. Dr. Narayanaswamy Balakrishnan, McMaster University, Canada
10:15-10:30	Coffee Break
10:30-12:00	Session IV
12:00-13:30	Lunch
13:30-14:15	Tutorial 4: (Hall-1)
	"Unsupervised Learning with a New Generation Mixture Model Cluster Analysis Using the Genetic EM (GEM) Algorithm and Information Complexity"
	Prof. Dr. Hamparsum BOZDOĞAN, University of Tennessee, USA
14:15-14:30	Coffee Break
14:30-16:00	Session V
16:00-16:15	Coffee Break
16:15-17:45	Session VI
17:45-19:30	Gala Dinner (HOŞKADEM RESTAURANT)

SATURDAY (11 November 2017)

08:00-12:00	Registration
08:30-10:00	Session VII
10:00-10:15	Coffee Break
10:15-11:45	Session VIII
12:00-17:00	Social event

Keynote Speker -1   **THURSDAY (09 November 2017)- 10:00-10:45**

Hall-1	
Chair	Title
Prof. Dr. David Percy	Strategies for improving the reliability of systems and networks

SESSION I (Statistics-1)   **THURSDAY (09 November 2017)- 11:00-12:15**

Hall-1		
Chairman:	Prof. Dr. David Percy	
Submission Number (ID)	Authors	Title
103	Mehmet Niyazi Çankaya, Esra Pamukçu	General Class of Asymmetric Bimodal Distributions
90	Monjed Samuh, M. Hafidz Omar	Mixed Double-Ranked Set Sampling: A More Efficient and Practaical Approach
176	Selin Ceren Turan, Emre Dünder, Mehmet Ali Cengiz	Investigation of Factors Affecting Health System Effectiveness in OECD Countries by Path Analysis
96	Monjed Samuh	Permutation Tests for Two-Sample Location Problem Under Extreme Ranked Set Sampling
126	Esra Pamukçu, Mehmet Niyazi Çankaya, Elçin Kartal Koç	Model Selection in Hybrid Regression Model Using Genetic Algorithm and Information Complexity as A Fitness Function

SESSION I (Computer-1)   THURSDAY (09 November 2017)- 11:00-12:15

Hall-2 (Online)
Chairman: Res. Assist. Hasan Bulut

Submission Number (ID)	Authors	Title
170	Zehra Durak, Hasan Akyer, Özcan Mutlu	Optimum Agricultural Production Planning: a Case Study of Aydın
254	Zehra Durak, Özcan Mutlu, Hasan Akyer, Tuba Özbay	Review on Home Health Care Routing and Scheduling Problem
270	Selahattin Akkaş, Merve Özdeş, Şevket Umut Çakır	Sentiment Analysis on Turkish Tweets Using Convolutional Neural Networks
286	Selahattin Akkaş, Gökhan Uçkan	Appliances Energy Prediction Using Long Short-Term Memory
122	Saed Jama Abdi, Zerrin Aşan Greenacre	Application of Multivariate Statistical Methods on Kansei Engineering for Websites

SESSION I (Mathematics-1)   THURSDAY (09 November 2017)- 11:00-12:15

Hall-3
Chairman: Assoc.Prof.Pelin Kasap

Submission Number (ID)	Authors	Title
61	Selahattin Maden Ulviyya Karimova	Determination of The Laplace Transform for the First Falling Moment to Zero Level of a Semi-Markov Random Process
83	Selahattin Maden	Some Expressions for the Group Inverse of the Block Matrices with an Invertible Subblock
138	Neslihan Nesliye Pelen	Dynamics about the Impulsive Predator–Prey Systems on Time Scale Analysis
105	Özkan Öztürk, Elvan Akın, Hacı M. Güzey	Control of Unmanned Ground Vehicles on Time Scales
136	Selahatti̇n Maden Sercan Turhan Yasin Başköy Imdat İşcan	On Inequalites for Strongly M_φ A-S- Convex Functions

SESSION I (Statistics-2)   **THURSDAY (09 November 2017)- 11:00-12:15**

Hall-4 Chairman:	Assoc Prof.Muhammet Bekci	
Submission Number (ID)	Authors	Title
144	Caner Tanış Buğra Saraçoğlu	Estimation of Parameters Based on Record Values for the Transmuted Weibull Distribution
185	Erdinç Yücesoy Murat Sağır Abdullah Çelik Vedat Sağlam	Comparison of Performance Measures of Limited and Unlimited Priority Queues Disciplines
180	Zumre Özdemir Güler Mehmet Akif Bakır	Shift Detection in Multivariate Process Control Using Blind Signal Separation
146	Buğra Saraçoğlu Caner Tanış	Cubic Rank Transmuted Kumaraswamy Distribution
255	Murat Sağır Erdinç Yücesoy Abdullah Çelik Vedat Sağlam	The z-Transform Approach in Solving Markovian Queues

Keynote Speker -2   **THURSDAY (09 November 2017)- 13:30-14:15**

Hall-1

Chair	Title
Prof. Dr. Yüksek BEK	Configural Frequency Analysis

SESSION II (Statistics-3)   **THURSDAY (09 November 2017)- 14:30-16:00**

Hall-1

Chairman: Narayanaswamy Balakrishnan

Submission Number (ID)	Authors	Title
110	Ezgi Özer, Ozan Kocadağlı	Classification of Eeg Signals for Detection of Epileptic Seizures Using Multivariate Logistic Regression Based on Wavelet Transforms and PCA
182	Yusuf Can Sevil, Tuğba Özkal Yıldız	Empirical Distribution Functions under Different Sampling Designs in Partially Rank-Ordered Sets
169	Güçkan Yapar, Hanife Taylan Selamlar, İdil Yavuz	Performance, Properties and Potential of ATA as a New Forecasting Method
129	Ayça Ölmez, Aylin Alın, Gökhan Karakülah, Aslı Suner	Gene Co-Expression Network Analysis with Partial Least Square Regression
66	Hakan Savaş Sazak, Buket Süngü	The Estimation of The Parameters of Weibull Distribution with Censored Data

SESSION II (Statistics-4)   **THURSDAY (09 November 2017)- 14:30-16:00**

Hall-2 (Online) Chairman: Res. Assist.Emre Dünder		
Submission Number (ID)	Authors	Title
207	Gökhan Uçkan Koray Ülgen	Performance Simulation of Photovoltaic Systems and Parabolic Collectors using Computer Programes
210	Gökhan Uçkan Koray Ülgen	Developing a Simulation Program of a Photovoltaic System using Hottel's Estimation
229	Cengiz Gazeloğlu Engin Aytekin Eren Erkılıç	Examination of Differences in Academicians' Communication Skills in Terms of Demographic Characteristics Through Statistical Techniques
300	Zeynep Öztürk	Effect on Convergence Diagnostic Tests of Thinning Rate in Bayesian Analysis
152	MD Musa Khan Zerrin Aşan Greenacre	The Weighting Adjustment Techniques for Internet Surveys: an Application

SESSION II (Engineering-1)   **THURSDAY (09 November 2017)- 14:30-16:00**

Hall-3 Chairman: Assist.Prof.Naci Murat		
Submission Number (ID)	Authors	Title
127	Fatma Buğlem Yalçı Hilal Singer, Fatih Yapıcı Berfin Akagündüz, Sezen Sözen	Research on the Determination on Entrepreneurship Tendencies of University Students : Ondokuz Mayis University Faculty of Engineering Sample
183	Ahad Foroughi Hakan Öztürk	Nurse Scheduling Problem and an Application in a Private Hospital
200	Yunus Börekçi, Fatih Yapıcı, Erkan Likos	The Effects of the Office Environments on the Employees and an Example Application
291	Aslı Çalış Boyacı Kamil Çelik, Cevriye Gencer	Evaluating the Cities in Turkey According to Consumption Expenditures
203	Nezire Zeynep Taşdemir, Fatih Yapıcı Hatice Tuğçe Kuru Yunus Börekçi	Dangers and Risks Exposed to Employees in Health Sector
202	Yunus Börekçi, Fatih Yapıcı, Derya Akgün Şeyda Saylık, Ayşegül Usta	Investigation of Internet Addictive According to Different Variables on University Students

SESSION II (Mathematics-2) THURSDAY (09 November 2017)- 14:30-16:00

Hall-4
Chairman: Assoc.Prof.Selahattin Maden

Submission Number (ID)	Authors	Title
73	Sercan Turhan, İmdat İşcan, Selahattin Maden, Ayşe Kübra Demirel	Hermite-Hadamard Inequality for M_{φ} a Strongly Convex Functions
247	Hande Poşul, Elif Aydın, Servet Kütükçü	A Fixed Point Theorem in Complete Metric Spaces and an Application
121	Tekin Toplu, İmdat İşcan, Sercan Turhan, Selahattin Maden	Obtaining for the Lipschitzian Functions of Fractional Integral Inequalities Obtained for Harmonically Convex Functions
139	Elif Aydın, Hande Poşul, Servet Kütükçü	A Fixed Point Theorem in Modular A-Metric Spaces
239	Elif Aydın, Abdülkadir Ergün, Servet Kütükçü	Compatible Maps β-Type on Fuzzy Metric Spaces
89	Fatma Buğlem Yalçın, Cemil Yapar	Recently Some Important Studies Delivered on The Least Squares Fitting of Quadratic Curves and Surfaces

SESSION III (Enginering-2) THURSDAY (09 November 2017)- 16:15-17:45

Hall-1
Chairman: Assoc.Prof.Fatih Yapıcı

Submission Number (ID)	Authors	Title
55	Şahika Koyun Yıl-maz, İbrahim Kurşad Bayıralan, Çınar Sancak-tar,Vildan Özkir	Artificial Neural Network Models for Reducing Spoiled Product Return Rate in FMCG
181	Aslı Yaman, Mehmet Ali Cengiz	Lasso Feature Selection in Multivariate Bernoulli Logistic Models
197	Ebru Pekel, Sermin Elevli	Comparison of Fundamental Machine Learning Algorithms on Evaluation Student Survey
301	Zeynep Ceylan, Serol Bulkan, Hakan Tozan	An Application of Multi-Period Multi-Product Production Planning Model in Automotive Industry
264	Safa Bozkurt Coşkun, Hakan Erdoğan, Cengiz Gazeloğlu, Mehmet Tarık Atay, Serkan Engin	Is Engineering Education in Turkey Helping with Students Realize Their Potentialities
92	Yunus Demir, Cafer Çelik	Hierarchical Mathematical Modeling Approach for Timetabling Problem

SESSION III (Statistics-5)   **THURSDAY (09 November 2017)- 16:15-17:45**

Hall-2   (Online)
Chairman: Prof.Dr.V.Rezan Uslu

Submission Number (ID)	Authors	Title
108	Cengiz Gazeloğlu, Sinan Saraçlı, Zerrin Aşan Greenacre	Comparison of Fuzzy and Nonfuzzy Structural Equation Models
118	Onur Köksoy, Melis Zeybek	A Discussion on Loss Functions: to Achieve the Correct Loss, What Should be Considered?
282	Murat Erişoğlu, Ülkü Erişoğlu, Aydın Karakoca, Ahmet Pekgör	A New Dimensional Reduction Method Based on Distance for Mixture Discriminant Analysis
284	Ülkü Erişoğlu, Murat Erişoğlu, Ahmet Pekgör, Aydın Karakoca	Increasing Efficiency of Percentile Estimatons for Weibull Distribution
285	Ahmet Pekgör, Aydın Karakoca, Ülkü Erişoğlu, Murat Erişoğlu	A Comparison of Various Normality Tests in R
288	Aydın Karakoca, Ahmet Pekgör, Murat Erişoğlu, Ülkü Erişoğlu	A Performance Comparison of Maximum Likelihood Estimation and Genetic Algorithm on Progressive Type 2 Censored Samples

SESSION III (Engineering-3)   **THURSDAY (09 November 2017)- 16:15-17:45**

Hall-3
Chairman: Assoc.Prof.Kemal Yıldızlı

Submission Number (ID)	Authors	Title
249	Fatih Issı, Orhan Kaplan, Mustafa Karhan	Development of an Android Based Data Logging Software for Energy Procution and Consumption at Smart Homes
215	Cengiz Görkem Dengiz, Kemal Yıldızlı	Modeling of Duplex Stainless Steel Microstructures with Image Processing
71	Hatice Ay, Tuğçe Yavuz, Büşra Yazıcı, Fatma Betül Yeni, Pınar Baban	An Efficient Resource Planning Software Proposal for Small Medium Enterprises (SMEs): a Case Study in a Factory
250	Fatih Issı, Orhan Kaplan, Mustafa Karhan	Virtual Laboratory Study for Energy Efficiency: Asynchronous Motor's Real-Time Torque / Power Exchange Experiment
217	Cengiz Görkem Dengiz, Kemal Yıldızlı	Determination of Strains by Image Processing Technique in Sheet Metal Forming
274	Ülkü Kırıcı Yıldırım, Yasemin Şişman	The Deformation Analysis Using Hypothesis Tests

SESSION III (Operation Resarch)   **THURSDAY (09 November 2017)- 16:15-17:45**

Hall-4 Chairman:	Prof.Dr.Hasan Bal	
Submission Number (ID)	Authors	Title
228	Hasan Bal Volkan Soner Özsoy H. Hasan Örkcü	A New Weights Method for Cross Efficiency Based on Goal Programming in Data Envelopment Analysis
171	Emre Koçak, Hasan Bal	Ranking of Efficient Decision Making Units Using Topsis Via Objective Weights
175	Zülal Tüzüner Emre Koçak	Spatial Interaction Analysis Related to Institutional Reading Writing Rate Performance
174	Zülal Tüzüner Hasan Bal	Graphical View of Results of Data Envelopment Analysis
151	Meryem Bekar Adıgüzel Zülal Tüzüner	Analyzing the Health Satisfaction of Turkish Metropolitans with Data Envelopment Anaysis
184	Volkan Soner Özsoy Hasan Bal	A New Variable Selection Method for Data Envelopment Analysis Through Bootstrap Approach
112	Özlem Akay, Güzin	Investigation on the Factors Affecting Air Pollution by Clustered Panel Data Analysis

Keynote Speker -3 **FRIDAY (10 November 2017)-09:15-10:00**

Hall-1	
Chair	Title
Prof. Dr. Narayanaswamy Balakrishnan	Cure Models

SESSION IV (Statistics-6) **FRIDAY (10 November 2017)- 10:30-12:00**

Hall-1 Chairman:	Prof. Dr. Yüksel BEK	
Submission Number (ID)	Authors	Title
104	Mehmet Niyazi Çankaya	Confidence Interval of Systematic Samplings on Real Line and Circular
160	Aylin Göçoğlu Neslihan Demirel	Comparing the Efficiency of The Estimators for the Population Proportion Under Different Designs of Ranked Set Sampling
65	Hakan Savaş Sazak Burcu Aytaçoğlu	The Comparison of the Estimators of Skewness And Kurtosis Via Simulation
177	İlhan Usta Merve Akdede	Bayes Estimators of Topp Leone Parameter Under Different Loss Functions
101	Vilda Purutçuoğlu	Comparison of Various Biological Network Constructions
172	Dilek Sabancı, Mehmet Ali Cengiz	MARS Touch Upon Multiple Regression Model

SESSION IV (Mathematics-3) **FRIDAY (10 November 2017)- 10:30-12:00**

Hall-2 Chairman:	Assoc.Prof.Servet Kütükçü	
Submission Number (ID)	Authors	Title
98	Erdal Ünlüyol Cansu Altunç Rukiye Öztürk Mert	Operator P-Preinvex Class for Continuous Functions of Selfadjoint Operators
140	Esra Öztürk Sözen Şenol Eren	Modules that Have a Weak δ - Supplement in Every Cofinite Extension
145	Abdullah Dertli Yasemin Çengellenmiş Şenol Eren	Skew Cyclic Codes Over the Ring Z_4+uZ_4
114	Erdal Ünlüyol Elif Başköy Elif (Ünal) Başköy	On Operator h-Preinvex Functions
148	Yasemin Çengellenmiş Abdullah Dertli	Cyclic Dna Codes Over Rings

SESSION IV (Biostatistics)   FRIDAY (10 November 2017)- 10:30-12:00

Hall-3 Chairman:	Assoc.Prof.Yüksel Terzi	
Submission Number (ID)	Authors	Title
74	Nesrin Alkan B. Barış Alkan	The Problem of Outliers in Cox Regression Models
78	Esen Ersoy Aslı Süner	Dental Students Problem Solving Skills and Attitudes Towards Biostatistics
191	Didem Derici Yıldırım Bahar Taşdelen, Saim Yoloğlu, Aynur Özge	Using Group Based Trajectory Model and Latent Class Analysis Together for Modeling The Comorbidity Effect on Migraine Prognosis
194	Merve Türkegün Gülhan Orekici Temel İrem Ersöz Kaya	The Evaluation of Performance of Cox-Snell, Deviance and Martingale Residuals in Survival-Mars Model
195	Birol Topçu, Volkan Vatan, Muhammet Bekçi, Mehmet Yılmaz	The Anxiety Levels of Anesthetized and Unanesthetized Patients Before Gastroscopy

SESSION IV (Finance-Economy)   FRIDAY (10 November 2017)- 10:30-12:00

Hall-4 Chairman:	Assist.Prof.Esra Pamukçu	
Submission Number (ID)	Authors	Title
164	Serkan Akbaş Türkan Erbay Dalkılıç	Analytic Hierarchy Process Using Trapezoidal Fuzzy Number Based Weights For Portfolio Selection
188	Hasan Aykut Karaboğa Serkan Akoğul, Enes Filiz, İbrahim Demir	Classification of the Financial Data Using Machine Learning Methods and Artificial Neural Network: Bist-50 Index Application
134	Nebiye Yamak, Fatma Kolcu, Filiz Köyel	Asymmetric Relationship Between Exchange Rate Volatility and Stock Market Index Volatility
167	Havvanur Feyza Erdem Zehra Abdioğlu, Rahmi Yamak	Inflation-Output Tradeoff in Turkey: Kalman Filter Estimation
97	Orhan Kesemen Buğra Kaan Tiryaki Eda Özkul, Özge Tezel Elçin Ağayel	Finding Combinations of Four Operations with Type-2 Search Method

Keynote Speker -4 **FRIDAY (10 November 2017)-13:30-14:15**

Hall-1	
Chair	Title
Prof. Dr. Hamparsum BOZDOĞAN	"Unsupervised Learning with a New Generation Mixture Model Cluster Analysis Using the Genetic EM (GEM) Algorithm and Information Complexity"

SESSION V (Agriculture) **FRIDAY (10 November 2017)- 14:30-16:00**

Hall-1 Chairman:	Prof.Dr.Bilal Cemek	
Submission Number (ID)	Authors	Title
223	Musa Kavas Aslıhan Kurt Kızıldoğan	Rna-Seq Analysis and Transcriptome Assembly for European Hazelnut (Corylus Avellana L.) Leaf Buds
141	Hasan Önder Samet Hasan Abacı	Determination of the Factors Affecting Success in Lesson of Experimental Design and Analysis
102	Mehmet İlker Bek Ercan Efe	Investigate Local Associations in Animal Research Multiway Cross Tabulated Count Data
246	Filiz Kara Bilal Cemek Erdem Küçüktopcu	Estimation of Soil Temperature in the Middle Black Sea Region of Turkey by Artificial Neural Network
142	Hasan Önder Uğur Şen Emre Şirin Mustafa Şahin Samet Hasan Abacı	Determination of Effective Placental Traits on Birth Weight in Akkaraman Sheep Breed with Path Analysis
243	Bilal Cemek	Irrigation Water Quality Assessment of Western Mediterranean Basin Waters Through Fuzzy Logic Approach

SESSION V (Statistics-7)   **FRIDAY (10 November 2017)- 14:30-16:00**

Hall-2 Chairman:	Assoc.Prof.Nesrin Alkan	
Submission Number (ID)	**Authors**	**Title**
168	Yener Ünal Muhammet Bekçi	Statistical Estimation for the Parameters of Generalized Inverted Exponential Distribution Based on Progressively Type-I Interval Censored Sample with Part Time Operator
62	Rıdvan Temiz Ali Mert	Comparison of Fuzzy Bayesian Hypotheses Tests
75	Nesrin Alkan B. Barış Alkan	The Solution Proposal for Missing Value in Cox Regression Model
116	Nurdan Yeniay Yaprak Arzu Özdemi Fikri Gökpınar	Bootstrap Based on Tests for the Difference Between Two Population Means Under Ranked Set Sampling
208	İlhan Usta Eda Çelik	A Comparison of Estimation Methods for the Parameters of Odd Weibull Distribution
263	Aytaç Akçay Elif Çelik Murat Abay	Meta-Analysis of Prevalence of Subclinical Mastitis in Holstein Cows (2006-2016)

SESSION V (Mathematics-4)   **FRIDAY (10 November 2017)- 14:30-16:00**

Hall-3 Chairman:	Assist.Prof.Figen Eryılmaz	
Submission Number (ID)	**Authors**	**Title**
99	Erdal Ünlüyol, Rukiye Öztürk Mert, Cansu Altunç	Operator Q-Preinvex Class for Continuous Functions of Selfadjoint Operators
113	Yasemin Soylu	Some Compactness Theorems on Complete Riemannian Manifolds
256	Fırat Yerlikaya, Savaş Karaahmetoğlu, İsmail Aydemir	Bertrand-B Curves in 3 Dimensional Riemannian Space Forms
120	Fatma Güler Emin Kasap	The Timelike Mannheim B-pair Curves According to Bishop Type-2 in Minkowski 3-Space
153	Evren Ergün, Ergin Bayram, Emin Kasap	Surface Family with a Common Natural Line of Curvature Lift
115	Erdal Ünlüyol Elif (Ünal) Başköy Elif Başköy	On Operator m-Preinvex Functions

SESSION V (Statistics-8)　　　　**FRIDAY (10 November 2017)- 14:30-16:00**

Hall-4
Chairman: Assoc.Prof.Vedat Sağlam

Submission Number (ID)	Authors	Title
158	Davut Canlı Yüksel Terzi	Which Method to Use on Pooling Alpha Coefficients for Reliability Generalization: a Simulation Study
198	Pelin Kasap, Burçin Şeyda Çorba, Tuba Çelebi	Data Mining Methods and Their Application in Health Insurance
268	Davut Canlı Yüksel Terzi	On the Publication Bias Issue in Reliability Generalizations: Interpreting Conflict Results of Different Methods
296	Naci Murat Emre Dünder	A Robust Approach for Multi-Criteria Decision Making
251	Yeşim Akbaş Tolga Berber	Comparison of the Effect of Color Spaces in Fuzzy Clustering of Burn Images
267	Ersin Yılmaz Dursun Aydın	Estimating the Nonparametric Regression Function by Using Rational Function Approximation

SESSION VI (Engineering-4)　　　　**FRIDAY (10 November 2017)- 16:15-17:45**

Hall-1
Chairman: Assoc.Prof.Erdal Kılıç

Submission Number (ID)	Authors	Title
259	Armağan Karabina Durmuş Özkan Şahin Oğuz Emre Kural Erdal Kılıç	Comparison of Statistical Normalization Techniques on Speakers Height Estimation
292	Gülcan Yıldız, Bekir Dizdaroğlu	Gaussian Noise Removal Via Heat Equation
262	Armağan Karabina, Oğuz Emre Kural, Durmuş Özkan Şahin, Erdal Kılıç	Comparison of Regression Methods on Speakers Height Estimation
281	Şükrü Acıtaş Talha Arslan Birdal Şenoğlu	Modelling Extreme Wind Speed Data: a Case Study for Eskisehir, Turkey
269	Rıdvan Ertuğrul Yıldırım, Aziz Şişman	Determination of Social and Technical Infrastructure Locations in Zoning Plans of High Populated Areas
119	Selim Orhun Susam, Burcu Hüdaverdi Uçer	Testing Independence for Archimedean Copulas by Bernstein Polynomial Approximation

SESSION VI (Statistics-9)   **FRIDAY (10 November 2017)- 16:15-17:45**

Hall-2
Chairman: Assoc.Prof.Erol Terzi

Submission Number (ID)	Authors	Title
219	Meryem Bekar Adıgüzel Mehmet Ali Cengiz	Analyzing the Gender and Physical Characteristics Effects on Weight by Using Multivariate Adaptive Regression Splines (Mars)
166	Havvanur Feyza Erdem Nebiye Yamak	The Long-Run Relationship Between Hedonic House Prices And Consumer Prices:Ardl Bounds Testing Approach
199	Burcu Oralhan Çağatay İbili	Determination of the Factors that Affect the Job Satisfaction of The Medical Representatives
76	Erol Terzi Zeynep Aktaş	Conjoint Analysis and Implementation in Determining Mobile Phone Consumer Preferences
206	Erdinç Karakullukçu Uğur Şevik	Segmentation and Texture Based Classification of Burn Color Images
216	Ayhan Gölcükcü	Positive Discrimination, an Alleged Phrase or Exactly the Truth Statistical Analysis According to an Educational Status by Province

SESSION VI (Statistics-10)   **FRIDAY (10 November 2017)- 16:15-17:45**

Hall-3
Chairman: Prof.Dr.İhsan Alp

Submission Number (ID)	Authors	Title
187	Hasan Aykut Karaboğa, Reşit Çelik, İbrahim Demir	Econometric Modeling the State Airports Authority of Turkey Monthly Total Airport Passenger
67	Seniha Gündüz, Yüksel Öner	Association and Market Basket Analysis in Data Mining and Implementation
132	Esin Avcı	Bayesian Meta-Analysis of Prevalence: Hepatitis B Prevalence in Turkey
137	Zeynep Gökkuş, Kâmil Alakuş	Power Analysis in Community Trials and an Application
82	İhsan Alp	Some Problems of Performance Evaluation Methods
227	Mervenur Pala, Mehmet Ali Cengiz	Combining Different Efficiency Scores With the Copula

SESSION VI (Life Science-1) **FRIDAY (10 November 2017)- 16:15-17:45**

Hall-4 Chairman:	Prof.Dr Hüsnü Demirsoy	
Submission Number (ID)	Authors	Title
271	Handan Akülker, Hava Yıldız Özgül	Determination of Measurement Uncertainty in Analysis of Loss on Ignition of Cement
283	Handan Akülker, Hava Yıldız Özgül, Elif Hatice Gürkan	Performing Proficiency Tests for Analysis of Anions in Water
209	Esra Per	An Artificial Neural Network Approach to Predictive Modelling The Habitat Preference of the Steppe Birds Around Tuzla Palas Lake in Central Anatolia, Turkey
272	Handan Akülker, Hava Yıldız Özgül	Determination of Measurement Uncertainty in Analysis of Nitrogen in Water
302	Ahmet Öztürk, Leyla Demirsoy, Hüsnü Demirsoy	New Leaf Area Estimation Model in Pear
222	Esra Per, Sadık Demirtaş	The Statistical Estimation of the Potential Distribution of Serinus Pusillus (Pallas, 1811) in Turkey Based Ecological Species Model

SESSION VII (Life Science-2) **SATURDAY (11 November 2017)- 08:30-10:00**

Hall-1 Chairman:	Prof.Dr.Bilal Cemek	
Submission Number (ID)	Authors	Title
64	Burcu Aytaçoğlu, Özlem Türker Bayrak	Estimation Effect under Non Normality on T2 Control Chart for Monitoring Linear Profiles
233	Ecevit Eyduran, Cem Tırınk, Ahmet Erhan Karahan, Mete Türkoğlu	Prediction of an Upper Bound of Generalized Cross Validation in Multivariate Adaptive Regression Splines in Agricultural Studies
240	Ecevit Eyduran, Ahmet Erhan Karahan, Cem Tırınk, Mete Türkoğlu, Mohammad Masood Tariq	Comparison of Predictive Performances of Mars and Cart Algorithms through R Software
235	Bilal Cemek, Erdem Küçüktopcu	Comparison of Different Normalization Techniques for Ammonia Emission Estimation
303	Leyla Demirsoy, Ahmet Öztürk, Hüsnü Demirsoy, Hüseyin	The Leaf Area Estimation Models Developed by Ondokuz Mayıs University, Department of Horticulture

SESSION VII (Mathematics-5)   **SATURDAY (11 November 2017)- 08:30-10:00**

Hall-2 Chairman:	Prof.Dr. Birsen SAĞIR DUYAR	
Submission Number (ID)	**Authors**	**Title**
111	Haşim Çayır	On the Diagonal Lifts of Affinor Fields along a Cross-Section on T_{q}^{p}(M)
80	Haşim Çayır Gökhan Köseoğlu	Some Notes on Lifts of the Modified Riemannian Extension g_{∇,c} on Cotangent Bundle
220	Gülnur Şaffak Atalay	Surfaces Family with a Common Mannheim Geodesic Curve
81	Haşim Çayır Kübra Akdağ	Some Notes on Metalic Riemannian Structures
79	Haşim Çayır	Metrics and Operators on (1,1) Tensor Bundle
179	Canan Akın Ülkü Karakaya, Kübra Eyüboğlu, Recep Baştan	Fuzzy(m,n)- Γ -Ideals in LA- Γ -Semigroups

SESSION VII (Mathematics-6)   **SATURDAY (11 November 2017)- 08:30-10:00**

Hall-3 Chairman:	Prof.Dr.Ali Pancar	
Submission Number (ID)	**Authors**	**Title**
212	Mehmet Korkmaz	On a New Growth Model Namely Korkmaz Model Compared with Some Growth Models
86	Onur Şahin, Nihal Ege	Rayleigh Wave Field Arising from a Distributed Moving Load on a Coated Elastic Half Space
231	Mehmet Kunt, İmdat İşcan, Sercan Turhan	On Hermite-Hadamard Type Inequalities with Respect to the Generalization of Some Types of S-Convexity
226	Çağla Özyılmaz, Ali Pancar, Ayşe Nallı	A New Approach to Asymmetric Cryptography by Using Power Fibonacci Sequence Module M
232	İmdat İşcan, Mehmet Kunt, Sercan Turhan	Hermite-Hadamard Type Inequalities for $M\varphi A$ -Convex Functions
253	Figen Eryılmaz	Modules that have a δ - Supplement in Every- Coatomic Extension

SESSION VII (Mathematics-7)   **SATURDAY (11 November 2017)- 08:30-10:00**

Hall-4 Chairman:	Assoc.Prof.Cenap Duyar	
Submission Number (ID)	**Authors**	**Title**
275	Hakan Gezgin, Mehmet Korkmaz	A Study on a Geometric Approach in Regression Analysis
276	Mehmet Korkmaz, Hakan Gezgin	A Brief Overview on the Geometry of the Uncentered Coefficient of Determination
161	Murat Erdoğan, Cenap Duyar	Non-Newtonian Improper Integrals
85	Oğuz Oğur, Cenap Duyar	On a Class of Double Sequences Related to Lp-Space by Orlicz Functions
265	Erhan Set, Abdurrahman Gözpınar, Emrullah Aykan Alan	Generalized Fractional Integral Inequalities for Some Classes of Symmetrized Convex Functions
261	Erhan Set, İlker Mumcu, Mehmet Emin Özdemir	Generalization of Some Inequalities Related to the Chebyshev's Functional via Fractional Integral

SESSION VIII (Statistics-11)   **SATURDAY (11 November 2017)- 10:15-11:45**

Hall-1 Chairman:	Prof.Dr.Güçkan Yapar	
Submission Number (ID)	**Authors**	**Title**
173	Seda Tekeli, Betül Kan Kılıç, Mustafa Çavuş, Güler Günsoy, Bülent Günsoy, Berna Yazıcı, Çağlar Karaduman	Does Distance Learning Meet the Life Goals and Expectations?
60	Özlem Alpu, Hatice Samkar	Using of the Some Bounded Influence Estimators in a Survey Study
186	Vedide Rezan Uslu, Azize Zehra Çelenli Başaran	Portfolio Optimization Based on Artificial Bee Colony Algorithm
159	Çağlar Sözen, Yüksel Öner, Hasan Bulut, Tolga Zaman	Use of Anova Test in Analysis of Functional Data: An Application
95	Mustafa Çavuş, Berna Yazıcı, Ahmet Sezer	A New Performance Criterion for Hypothesis Testing
143	Leman Tomak, Özlem Midik	Primary Principles in Developing Scale with Rasch Analysis: Portfolio Anxiety Assessment

SESSION VIII (Statistics-12)   **SATURDAY (11 November 2017)- 10:15-11:45**

Hall-2
Chairman: Assoc.Prof.Kamil Alakuş

Submission Number (ID)	Authors	Title
304	Hasan Bulut, Yüksel Öner, Çağlar Sözen	Clustering Algorithms for Categorical Data Sets and an Application
305	Emre Yıldırım	Estimating Value at Risk for Portfolio via Copula Approach
306	Serpil Gümüştekin Talat Şenel	Malmquist Efficiency Analyses of Wind Turbines in Turkey
307	Vedide Rezan Uslu, Keziban Kiliç Topal, Mehmet Arif Demirci, Asiye Zühal Küçükmustafa	Differential Evolution Algorithm for Parameter Estimation in Double Exponential Smoothing
308	Pelin Akın Yüksel Terzi	Performance of Supervised Machine Learning Algorithms for the Turkey's Top 100 Industrial Enterprises 2016
309	Vedide Rezan Uslu Asiye Zühal Küçükmustafa, Keziban Kiliç Topal, Mehmet Arif Demirci	LMS And LAD Based Artificial Neural Network Robust Learning Algorithms

SESSION VIII (Mathematics-8)   **SATURDAY (11 November 2017)- 10:15-11:45**

Hall-3
Chairman: Assoc.Prof.Elçin Kartal Koç

Submission Number (ID)	Authors	Title
77	Hande Günay Akdemir	Pricing and Ordering Decisions of Risk-Averse Newsvendors: Expectile-Based Value at Risk (E-Var) Approach
91	Hatice Yaldız	On Hermite-Hadamard Type Inequalities via Katugampola Fractional Integrals
109	Gülhan Ayar Nesip Aktan	On almost α-Cosymplectic Manifolds with M-Projective Curvature Tensor
234	Feray Bayar Ayhan Sarıoğlugil	The Discriminant of the Second Fundamental Form under the Connection Preserving Maps
221	Gülnur Şaffak Atalay	Surfaces family with a Common Mannheim Asymptotic Curve

SESSION VIII (Mathematics-9)   **SATURDAY (11 November 2017)- 10:15-11:45**

Hall-4
Chairman: Assoc.Prof.Yüksel Öner

Submission Number (ID)	Authors	Title
287	Fatih Yetgin, Mehmet Korkmaz	A Study on General Integral Inequalities for Functions Whose First Derivatives in Absolute Value at Certain Powers are Quasi-Convex
236	Nihan Güngör	Some Geometric Properties of the Non-Newtonian Sequence Spaces
135	Yıldıray Çelik	On Some Applications of Graph Coloring Problems
70	İlker Mumcu, Erhan Set, Ahmet Ocak Akdemir	Hermite-Hadamard Type Inequalities for Harmonically Convex Functions via Katugampola Fractional Integrals
162	Fatmanur Erdoğan, Birsen Sağır Duyar	On the Function Sequences and Series in the Non-Newtonian Calculus
241	Sevgi Demir, Yıldıray Çelik	Lattice Structures of Soft Sets
63	Erhan Set, İlker Mumcu	Hermite-Hadamard Type Inequalities for Quasi-Convex Functions via Katugampola Fractional Integrals

POSTER SESSION   **09-11 NOVEMBER 2017- 09:00-17:00**

LOBBY

Submission Number (ID)	Authors	Title
123	Aysel Yenipınar, Esra Yavuz, Mustafa Şahin, Eshabil Kirişçi	Sample Size in Two-Factor Experiments in OC Curves
124	Esra Yavuz, Aysel Yenipınar, Mustafa Şahin, Fatih Üçkardeş, Emin Yalçınöz	Algorithms Used in Decision Trees
154	Yeşim Akbaş, Serkan Akbaş, Tolga Berber	Association Analysis Method for Determining Unnecessary Test Orders and Effective Use of Hba1c Test
178	Mustafa Şahin, Şeyma Koç	A Monte Carlo Simulation Study Robustness of MANOVA Test Statistics in Bernoulli Distribution
189	Harun Uzun, Zeynep Yıldız, Selim Ceylan	Kinetic Study of Chicken Manure Pyrolysis Using Distributed Activation Energy Model
190	Havva Didem Çelikcan, Bahar Taşdelen	Meta-Heuristic Methods in the Analysis of Large-Scale Genomic Data
192	Zeynep Yıldız, Harun Uzun, Selim Ceylan	Prediction of Higher Heating Value of Microalgae Using Artificial Neural Network

POSTER SESSION   **09-11 NOVEMBER 2017- 09:00-17:00**

LOBBY Submission Number (ID)	Authors	Title
193	Emrullah Akyüz, Yüksel Terzi	Hedonic Analysis of Housing Price in Samsun Using Robust Regression
196	Merve Türkegün, Gülhan Orekici Temel, İrem Ersöz Kaya	New Approach in Studies with Longitudinal Data: Masal
201	Hatice Tuğçe Kuru, Fatih Yapıcı, Erkan Likos	Some Problems and Solution Approaches in Production Processes at Smes
204	Mert Barış, Emre Dünder, Yüksel Terzi	Smoking Consumption Habits Research and Text Mining in Samsun
205	Zeynep Ceylan, Serol bulkan	Assessment of Medical Waste Management: A Case Study in İstanbul
211	Haydar Koç, Emre Dünder, Serpil Gümüştekin, Tuba Koç, Mehmet Ali Cengiz	A Variable Selection Approach in Poisson Regression Analysis Using Information Complexity Type Criteria
213	Müge Avşar, Güçkan Yapar	Determination of the Key Financial Ratios in the Succes of Firms in Different Sectors through Data Mining
218	Melih Uzunoğlu, Erol Terzi	Investigation of Some Factors Affecting Microvascular Complication Risk in Diabetic Patients
224	Vusal Hamzayev, Müberra Andaç, Necati Alp Erilli	Multivariate Optimization of Copper Determination by Flow-Injection Potentiometric System
225	Musa Kavas, Zafer Seçgin	In Silico Analysis of Ap2 Transcription Factors in Hazelnut
237	Birsen Sağır Duyar, İrem Alaşalvar	Some Geometric Properties in Weighted Lebesgue Sequence Spaces
238	Nurcan İştar, Yüksel Terzi	Nonparametric Multiple Comparison Methods
242	Hüseyin Eroğlu, Yasemin Şişman	The Implementation of Operational Research Techniques in Land Consolidation
252	Ağah Yıldız, Yıldıray Topçu, Selim Ceylan	Artificial Neural Network Modelling of Lignite Coal-Pistachio Shell Co-Pyrolysis
257	Fırat Yerlikaya, Savaş Karaahmetoğlu, İsmail Aydemir	Some Characterizations for the Scroll Surfaces Via Bishop II Frame

POSTER SESSION   **09-11 NOVEMBER 2017- 09:00-17:00**

LOBBY

Submission Number (ID)	Authors	Title
258	İsmail Aydemir, Savaş Karaahmetoğlu	The Intersection of Two Null Scrolls
260	İsmail Aydemir, Nuri Kuruoğlu	Derivative Equations of Timelike Ruled Surfaces in R_1^n
266	Sevda Taşan, Hüseyin Şimşek, Ali Ünlükara, Erdem Topçu, Bilal Cemek	Estimation of Soil Salinity for Grasspea (Lathyrus Sativus L.) Cultuvar Using Artificial Neural Networks in Greenhouse Condition
295	Hakan Öztürk, Barış Özkan	Application of Genetic Algorithm for the Travelling Salesman Problem: A Case Study
297	Mehmet Korkmaz, Yeliz Kaşko Arıcı, Sezai Alkan	Some Growth Models with Oblique Asymptote Compared to the Models with Horizontal Asymptote by Using the Data Set of a Local Layer Hybrid
298	Kamil Çelik, Alptekin Sökmen	The Effect of Subjective Norm on User Satisfaction in the Distance Education System: Structural Equation Modelıng with R
299	Murat Varul, Okan Erkaymaz, Erhan Ergün	Improvement of Noisy Emg Signals by Using Kalman Filter
310	Emre Yıldırım	Determining Dependency Between Gold Price and Exchange Rate Using Copula
311	Ağah Yıldız, Selim Ceylan	Prediction of Biodiesel High Heating Value by Artificial Neural Network