

Conference Programme

Session 1 : 19.11.2020 - Thursday (10:00 - 12:00)

Virtual Hall I	Chair : Tahir Sag
	0105 : WRIST PRINT REGION SEGMENTATION BASED ON DEEP NEURAL NETWORKS HASAN ERDINC KOCER, KERIM KURSAT CEVIK
	0161 : ANALYSIS OF FLIGHT DELAY PROPAGATION WITH BAYESIAN NETWORKS BULENT SOYKAN, SERPIL EROL
	0212 : PHASOR PARTICLE SWARM OPTIMIZATION FOR SOLVING PROBLEMS OF POWER FLOW AND PRICING IN THE ELECTRICITY MARKET USING THE SUPPLY CHAIN EQUILIBRIUM MODEL MILENA JEVTIC, MIROLJUB JEVTIC, JORDAN RADOSAVLJEVIC, DARDAN KLIMENTA, SANELA ARSIC
	0245 : PREDICTION OF CABLE MECHANICAL PROPERTIES USING MACHINE LEARNING METHODS FOR PRODUCTION OF HALOGEN FREE AND FLAME RETARDANT HFFR CABLES ISMAIL KIYICI, IBRAHIM DORUK, MURAT KACAMAZ, ONUR BAKLAN, EMRE COMAK
	0130 : A NOVEL APPROACH AND APPLICATION OF TIME SERIES TO IMAGE TRANSFORMATION METHODS ON CLASSIFICATION OF UNDERWATER OBJECTS AYBUKE CIVRIZOGLU BUZ, MUSTAFA UMUT DEMIREZEN, URAZ YAVANOGLU
	0131 : A RESEARCH ON DEEP LEARNING MODELS USED IN TURKISH TEXT ANALYSIS GULSUM KAYABASI KORU, CELEBI ULUYOL
	0193 : PERFORMANCE VOLTAGE GAIN ANALYSIS OF QUADRATIC BOOST CONVERTER WITH A CAPACITOR INDUCTOR DIODE CELL FOR RENEWABLE ENERGY APPLICATIONS MUSTAFA INCI
	0259 : DETECTION OF AUTOMOBILE FAILURES BY SOUND PROCESSING AND DRIVER GUIDANCE SYSTEM DESIGN ALI QUTUB, ISMAIL SARITAS

Session 1 : 19.11.2020 - Thursday (10:00 - 12:00)

Virtual Hall II	Chair : Abdullah Engin Ozcelik
	0184 : ENERGY STORAGE DEVICES FOR PLUG IN ELECTRIC VEHICLES KEMAL KESKIN
	0122 : ALTITUDE ESTIMATION OF AN UNMANNED AERIAL VEHICLE AZIZ KABA
	0151 : MEMRISTOR BASED PD CONTROLLER DESIGN AND APPLICATION ON A BALL AND BEAM CONTROL SYSTEM KAMIL ORMAN
	0204 : A SHORT REVIEW OF SUPERCONDUCTIVITY AND FUNDAMENTAL CHARACTERIZATION METHODS IN THE HIGH TC EXPERIMENTAL SUPERCONDUCTIVITY COSKUN DENIZ
	0226 : A SURVEY ON KALMAN FILTERING FOR UNMANNED AERIAL VEHICLES RECENT TRENDS APPLICATIONS AND CHALLENGES NURTEN EMER, NECDET SINAN OZBEK
	0113 : COMPARISON OF SISO AND I METRA MIMO CHANNEL CAPACITIES UNDER RAYLEIGH FADING CHANNEL FATIH YAVUZ ILGIN
	0278 : EFFECTS OF CAMELINA BIODIESEL BLENDS WITH EURODIESEL ON VEHICLE PERFORMANCE MUHAMMET MAHMUT YILDIZ, A ENGIN OZCELIK
	0272 : A FAST ALTERNATING DIRECTION METHOD OF MULTIPLIERS APPROACH FOR 1 BIT COMPRESSED WIDEBAND SAR IMAGING MEHMET DEMIR, MEHMET ARICI

Session 2 : 19.11.2020 - Thursday (15:30 - 17:00)

Virtual Hall I	Chair : Guzin Ozmen
	0238 : ALZHEIMER S DISEASE DETECTION IN MR IMAGES BASED ON WHITE MATTER AND 3D GRAY LEVEL CO OCCURRENCE MATRIX MUHAMMET USAME OZIC, SERAL OZSEN
	0225 : COMPARISON OF DEEP LEARNING AND MACHINE LEARNING METHODS TO CLASSIFY RETINAL IMAGES ABDURRAHIM AKGUNDOGDU
	0263 : QUANTIFICATION OF FINGER TAPPING VARIABILITY BY AN EMBEDDED SYSTEM IMPLEMENTING POINCARÉ ANALYSIS IN REAL TIME SEDA AKSOY, GOKHAN ERTAS
	0229 : CLASSIFICATION OF CHEST RADIOGRAPHY IMAGES BASED ON DEEP CONVOLUTIONAL NEURAL NETWORK FOR CORONAVIRUS DISEASE DETECTION CEREN KAYA
	0191 : FEMTOSECOND LASER SOFT TISSUE ABLATION FOR BIOMEDICAL APPLICATIONS YASEMIN GUNDOGDU
	0266 : SPECTRAL ANALYSIS OF ALCOHOLIC EEG DATA OMER AKGUN, T CETIN AKINCI

Session 2 : 19.11.2020 - Thursday (15:30 - 17:00)

Virtual Hall II	Chair : Mustafa Altin
	0163 : A THEORETICAL STUDY ON POROUS FUNCTIONALLY GRADED MATERIAL BEAMS EMRAH MADENCI
	0208 : TRANSPORTATION SYSTEMS OF KONYA AND HISTORICAL DEVELOPMENT OF TRANSPORTATION SYSTEMS MEHMET LEVENT AGIRDIR, MAHMUT GUNES
	0133 : THE IMPORTANCE OF LANDSCAPE IN THE CORONAVIRUS COVID 19 PERIOD GULDEN SANDAL ERZURMLU
	0247 : INVESTIGATION OF ELEMENT TYPE ON THE VIBRATION PROBLEMS OF BEAMS FOR THE FINITE ELEMENT METHOD AHMAD RESHAD NOORI, SEFA YILDIRIM
	0207 : COMMERCIAL APPLICATIONS OF DRONE TECHNOLOGY IN THE FIELD OF TRANSPORTATION MEHMET LEVENT AGIRDIR
	0221 : EXPERIMENTAL STUDY ON EFFECTIVENESS OF VARIOUS STEEL APPLICATIONS IN HISTORICAL DOMES TULIN CELIK, ALI URAL

Session 3 : 20.11.2020 - Friday (09:00 - 10:30)

Virtual Hall I	Chair : Fatih Basciftci
	0157 : IMPACT OF MISSING DATA MECHANISMS ON IMPUTATION METHODS FOR CLASSIFICATIONS PROBLEMS ZELIHA ERGUL AYDIN, ZEHRA KAMISLI OZTURK
	0183 : SOCIAL CAMPUS APPLICATION WITH MACHINE LEARNING FOR MOBILE DEVICES MUCAHIT TUNEL, SABAN GULCU
	0186 : ON INTUITIONISTIC FUZZY VERSION OF ZADEH S EXTENSION PRINCIPLE SELAMI BAYEG, RAZIYE MERT
	0148 : INTERPRETATION OF TURKISH SIGN LANGUAGE WITH DEEP LEARNING AND MOBILE APPLICATION YILDIRAY ANAGUN
	0235 : MACHINE LEARNING APPLICATIONS IN FOOTBALL GAME MUSTAFA A AL ASADI, SAKIR TASDEMIR
	0234 : PERFORMING THE TEMPLATE BASED THINNING ALGORITHM AS HARDWARE FATIH ILKBAHAR

Session 3 : 20.11.2020 - Friday (09:00 - 10:30)

Virtual Hall II	Chair : Mohammed Albaba
	0154 : EXPERIMENT SETUP FOR DETERMINING OPTIMUM TILT AND ORIENTATION ANGLES OF PHOTOVOLTAIC PANELS MEHMET CUNKAS, MUSTAFA ARSLAN
	0223 : INVESTIGATION OF IMAGE COMPRESSION PERFORMANCE ON MEDICAL IMAGES BY USING DISCRETE ORTHONORMAL STOCKWELL TRANSFORM AND SINGULAR VALUE DECOMPOSITION METHODS TUGBA OZGE ONUR, GULHAN USTABAS KAYA
	0240 : AMOLED DISPLAYS AND THEIR CHALLENGES RIYAM AL KARAWI, MOHAMMED ALBABA, MERYEM SENA AKKUS
	0222 : AN ELECTRONICALLY TUNABLE MEMCAPACITOR BASED ON FLOATING CURRENT SOURCE MELIH YILDIRIM
	0209 : DESIGN AND FABRICATION OF AMORPHOUS SILICON BASED BOTTOM GATE THIN FILM TRANSISTORS AND PERFORMANCE DEPENDENCE ON POST ANNEALING TEMPERATURE TURGUT TUT, SEMA MEMIS, ALP OSMAN KODOLBAS, SALIH DABAK
	0241 : NEW TECHNOLOGIES OF SAVING POWER CONSUMPTION FOR OLED DISPLAYS MOHAMMED ALBABA, MERYEM SENA AKKUS

Session 4 : 20.11.2020 - Friday (10:45 - 12:15)

Virtual Hall I	Chair : Eyub Canli
	0103 : A LOW COST SOLUTION FOR PLASMA GENERATION AND SURFACE TREATMENT ADEM OZCELIK, MUHAMMED KAN KILINC
	0190 : INFLUENCES OF DEFECTS AND TEMPERATURE ON THERMAL CONDUCTIVITY OF MOS2 AHMET EMIN SENTURK
	0171 : TECHNICAL AND ECONOMICAL ASSESSMENT OF LIQUID PETROLEUM GAS MODIFICATION CONVERSION ON A GASOLINE ENGINE IN TURKEY FOR TIME INTERVAL BETWEEN 2016 2020 EYUB CANLI
	0237 : 3 D NUMERICAL ANALYSIS OF DIRECT ABSORPTION AND NATURAL CONVECTION OF NANO FLUID IN AN ANNULUS CAVITY AMAR HASAN HAMEED, JASIM MOHAMMAD ABID AL ENEZY, RAFET YAPICI
	0180 : SIMULATION AND OPTIMIZATION OF AN AUTOMOTIVE PEM FUEL CELL SYSTEM BY USING EES SOFTWARE AND GENETIC ALGORITHM FATHOLLAH POURFAYAZ, ARMAN EKRALESHIAN, MEHDI MEHRPOOYA
	0243 : INVESTIGATION OF EFFECTS OF BORON ADDITIVES ON THE PERFORMANCE OF CAM MECHANISMS HASAN BAS

Session 4 : 20.11.2020 - Friday (10:45 - 12:15)

Virtual Hall II	Chair : Murat Ciniviz
	0202 : VERIFICATION OF OXYGEN FREE HIGH PURITY COPPER BAR COMPUTATIONAL IMPACT ANALYSIS WITH HAWKYARD ENERGY APPROACH HANDE YAVUZ
	0196 : A FINITE ELEMENT BASED METHODOLOGY FOR FRICTIONAL ROLLING CONTACT PROBLEMS EVREN EMRE USTUN, KORHAN BABACAN YILMAZ, ERDEM ACAR, MEHMET ALI GULER
	0162 : EFFECTS OF NOZZLE THROAT INSERT GEOMETRY ON STRESSES MELIH SAHAN, ERDEM ACAR
	0153 : STOCHASTIC OPTIMIZATION OF PROCESS PARAMETERS FOR PURE TITANIUM USING WIRE ELECTRIC DISCHARGE MACHINING WEDM PROCESS YUSUF MERT BAYTOK, LEVENT AYDIN, ELIF GULTURK
	0216 : SELECTION OF PROCESS PARAMETERS ON WIRE ARC ADDITIVE MANUFACTURING WAAM OF Ti6Al4V ERSIN CAKIR, ISMAIL BAYAR, MUSTAFA ULUTAN
	0275 : A RESEARCH ON THE DOOR LOCK SYSTEM OF ARMORED MILITARY VEHICLES USING HYDRAULIC AND PNEUMATIC COMPONENTS TO WORK COUPLED WITH HIGH STRENGTH STEELS MESUT ISKUR, FEVZI BEDIR, AHMET COKAL

Session 5 : 20.11.2020 - Friday (13:30 - 15:00)

Virtual Hall I	Chair : Humar Kahramanli Ornek
	0155 : INFORMATION TECHNOLOGY IN HEALTHCARE ARCHITECTURE OF HEALTHCARE INFORMATION SYSTEMS SONA CAGLAR, ADEM ALPASLAN ALTUN, FATIH KARA, ANAR TAGHIYEV
	0167 : THE EFFECTS OF IMPERFECTION TO THE BEHAVIOR OF ALL STEEL BUCKLING RESTRAINED BRACES YASIN ONURALP OZKILIC
	0149 : CLASSIFICATION OF CUSTOMER COMPLAINTS WITH DEEP LEARNING YILDIRAY ANAGUN
	0251 : ANALYSIS OF CRYPTOCURRENCY PRICE CHANGES WITH BIG DATA TOOLS ZEHRRA KAMISLI OZTURK, FURGAN BAYRAKTAR
	0227 : INVESTIGATION OF NEUROLOGICAL REHABILITATION EXERCISE SYSTEM WITH VIRTUAL REALITY METHOD MESUT OZARSLAN, HASAN SERDAR
	0195 : NEW APPROACHES TO IMPROVING SOFTWARE CODE QUALITY OZGE MUTLU

Session 5 : 20.11.2020 - Friday (13:30 - 15:00)

Virtual Hall II	Chair : Ugur Taskiran
	0140 : PID CONTROL DESIGN OF AN ACTIVE SUSPENSION SYSTEM BIG BANG BIG CRUNCH APPROACH KEMAL KESKIN
	0135 : AN EYE SHAPED PATCH ANTENNA OPERABLE AT SUB 6 GHZ FREQUENCY BANDS FOR FIFTH GENERATION WIRELESS COMMUNICATION SYSTEMS TAYFUN OKAN
	0192 : TMJ SOUND ANALYSIS WITH LSTM NETWORKS UGUR TASKIRAN
	0203 : ON THE STUDY AND VISUALIZATION OF DIELECTRIC AND CONDUCTING MEDIUM INTERACTION OF ELECTROMAGNETIC WAVES VIA COMPUTABLE DOCUMENT FORMAT COSKUN DENIZ
	0126 : CAPTURE DATE ESTIMATION OF HISTORICAL IMAGES BY USING DEEP LEARNING YUCEL CIMTAY, HAKKI GOKHAN ILK
	0262 : A RAIL TO RAIL LOW VOLTAGE OPERATIONAL AMPLIFIER IN 0 18 UM CMOS TECHNOLOGY MUSTAFA ISTANBULLU

Session 6 : 20.11.2020 - Friday (15:15 - 16:45)

Virtual Hall I	Chair : Esmâ Eryilmaz
	0141 : COLON AUTOMATION SYSTEM EMRAH TELLİ, EFTAL SEHIRLI
	0160 : AN OVERVIEW OF BIOMECHANICAL TESTING METHODS TO DETERMINE BONE MECHANICAL COMPETENCE BURAK GUMUS, MUSTAFA UNAL
	0159 : AN UPDATE ON MATERIAL SELECTION DESIGN AND BIOMECHANICAL ANALYSIS OF LOWER EXTREMITY PROSTHESES OZNUR GUR, MUSTAFA UNAL
	0181 : CONSTRUCTION AND CHARACTERIZATION OF ANTIGEN LOADED METAL NANOPARTICLES FOR ENHANCED CANCER VACCINE EFFICACY EMINE YAVUZ
	0211 : BLUE COLOR ANOMALY IN TURKISH CRAYFISH PONTASTACUS LEPTODACTYLUS ESCHSCHOLTZ 1823 CRUSTACEA DECAPODA ASTACIDAE FROM ATIKHISAR RESERVOIR IN CANAKKALE TURKEY SEMIH KALE, SELCUK BERBER, DENİZ ACARLI, TEKİN DEMİRKİRAN, PERVİN VURAL, SEFA ACARLI, BAYRAM KIZILKAYA
	0258 : FABRICATION OF NANOFIBERS LOADED EXTRACT OF ALLIUM BOURGEOUI SUBSP BOURGEOUI AMARYLLIDACEAE AND EVALUATION OF THEIR ANTIBACTERIAL POTENTIAL ALI AKBAR HUSSAINI, ESENGUL KARAHISAR, GULSAH OZTURK, MEHMET OKAN ERDAL, DENİZ ULUKUS, OSMAN TUGAY, MURAT YILDIRIM

Session 6 : 20.11.2020 - Friday (15:15 - 16:45)

Virtual Hall II	Chair : Mustafa Altin
	0106 : INVESTIGATION OF THE PERFORMANCE OF GALILEO ONLY PRECISE POINT POSITIONING OMER FARUK ATIZ, SALIH ALCAY, SERMET OGUTCU
	0107 : THE KINEMATIC RESULTS OF THE FIRST OPEN SOURCE PRECISE POINT POSITIONING AMBIGUITY RESOLUTION SOFTWARE OMER FARUK ATIZ, SERMET OGUTCU, SALIH ALCAY, IBRAHIM KALAYCI
	0188 : ANALYSIS OF RETAINING STRUCTURES WITH DIFFERENT ENGINEERING CHARACTERISTICS USED IN DEEP EXCAVATIONS MEHMET KUCUKBAYRAK, HASAN FIRAT PULAT
	0265 : THE EFFECT OF GRAFITE IN BITUMINOUS HOT MIXTURE FIKRIYE BASKAN, AHMET YUCEL URUSAN
	0187 : ANALYSIS OF FOUNDATIONS CONSTRUCTED ON DIFFERENT SOIL CLASSES BY CONSIDERING DIFFERENT SOIL MODELS BUKET KAYABAS, HASAN FIRAT PULAT
	0132 : INVESTIGATION OF THE RELATIONSHIP BETWEEN ROAD AND LANDSCAPE IN TERMS OF LANDSCAPE PLANNING CRITERIA GULDEN SANDAL ERZURMLU, MERTKAN FAHRETTIN TEKINALP

Session 7 : 20.11.2020 - Friday (17:00 - 18:30)

Virtual Hall I	Chair : Nurettin Dogan
	0119 : A REVIEW ON TECHNIQUES USED IN INTELLIGENT ANTIVIRUS SYSTEMS ESRA N YOLACAN
	0146 : COMPARATIVE STUDIES ON DESIGNING SIMULATION EXPERIMENTS BULENT SOYKAN, FATIH KASIMOGLU
	0197 : A MODIFIED SECRET SHARING SCHEME IN VISUAL CRYPTOGRAPHY BUKURIE IBRAHIMI, ZAMIR DIKA, ARTAN LUMA
	0254 : CLOUD COMPUTING BASED VOTING CLASSIFIER METHOD USED FOR SURVIVAL PREDICTION OF HEART FAILURE PATIENTS ONDER YAKUT
	0201 : GUIDED FEATURE SELECTION AND DIMENSIONALITY REDUCTION METHOD FOR IDS IMPROVEMENT IN DDOS ATTACKS SAIF AL HELLI, AYHAN AKBAS
	0253 : A FULLY AUTOMATED MULTI PLATFORM SOFTWARE SAMPLE THAT CAN SUGGEST PERSONALIZED DAILY ACTIVITIES FOR A HEALTHY LIFE MEHMET TAHIR HUYUT, FATIH ILKBAHAR

Session 7 : 20.11.2020 - Friday (17:00 - 18:30)

Virtual Hall II	Chair : Mehmet Cunkas
	0127 : PERFORMANCE EVALUATION OF AVERAGE AND MEDIAN FILTERS FOR GAUSSIAN NOISE IN CERAMIC TILE IMAGES MURAT ALPARSLAN GUNGOR
	0143 : A PASSIVE SENSOR DESIGN FOR STRUCTURAL HEALTH MONITORING BY USING FREQUENCY SELECTIVE SURFACES BORA DOKEN
	0123 : A COMPARISON ON THE CONTROL OF A QUADROTOR AZIZ KABA
	0239 : DETERMINATION OF MORPHOLOGICAL PROPERTIES OF MOVING OBJECTS IN VIDEO MUHAMMET USAME OZIC, NIHAT CANKAYA, MUCIZ OZCAN, BARIS GOKCE
	0276 : ADJUSTMENT OF PHASE ARRAY RADARS USING TYPE 2 FUZZY LOGIC FATIH TURGUT AKCAY, ISMAIL SARITAS
	0261 : A NOVEL LOGARITHMIC AMPLIFIER WITH SECOND GENERATION CURRENT CONVEYORS MUSTAFA ISTANBULLU, MUTLU AVCI

Session 8 : 21.11.2020 - Saturday (10:30 - 12:00)

Virtual Hall I	Chair : Recai Kus
	0169 : MECHANICAL ANALYSIS OF NANO BORON NITRIDE DOPED ADHESIVE JOINTS KURSAT GULTEKIN, GEDIZ UGUZ, ADNAN OZEL
	0178 : INTEGRATION OF EXERGY ANALYSIS AND TECHNO ECONOMIC OPTIMIZATION TOOL FOR THE EVALUATION OF HYBRID RENEWABLE SYSTEMS MEHDI MEHRPOOYA, SEYED ALI MOUSAVI, MOHAMMAD AMIN VAZIRI RAD
	0199 : EXPERIMENTAL STUDY ON PENETRATION AND PERFORATION BEHAVIOUR OF ALUMINUM HONEYCOMB SANDWICH STRUCTURES USING ENERGY PROFILING METHOD AHMET MERAM, MEHMET EMIN CETIN
	0244 : INVESTIGATION OF EFFECTS OF SURFACE ROUGHNESS ON THE PERFORMANCE OF CAM MECHANISMS HASAN BAS
	0166 : HEAT CONVECTION ANALYSIS OF NANO FLUID IN AN ANNULUS CAVITY WITH HEATING FROM DIFFERENT ANGLES AMAR HASAN HAMEED
	0156 : DYNAMIC SIMULATION OF PARABOLIC TROUGH COLLECTOR INTEGRATED WITH TWO STAGE ORGANIC RANKINE CYCLE BY EES AND TRNSYS SOFTWARES FATHOLLAH POURFAYAZ, PEYMAN POURMOGHADAM

Session 8 : 21.11.2020 - Saturday (10:30 - 12:00)

Virtual Hall II	Chair : Tahir Karasu
	0108 : COMPUTER AIDED DESIGN OF RUBBER BASED COVER GAGE STRICTNESS A SIMULATION OPTIMIZATION OF BALL BEARING COVER STRICTNESS ZAFER OZDEMIR
	0104 : NUMERICAL STUDY AND MODELLING OF TURBULENT FLOW OVER BACKWARD FACING STEPS TAHIR KARASU
	0200 : ENGINEERED FABRICATION OF THE SIO2 NANOPARTICLES BY TAILORED STOEBER PROCESS BILGE BOYLU, OSMAN ARSLAN, YUKSEL ABALI
	0214 : IMPROVING THE NEUTRALIZATION PROCESS NANO NEUTRALIZATION SIDDIKA YUSRA OZKILIC, DERYA ARSLAN
	0139 : FREE VIBRATION ANALYSIS OF ASYMMETRIC SANDWICH STRUCTURE WITH ANSYS UFUK DEMIRCIOGLU, M TARIK CAKIR
	0134 : EFFECT OF HYDROTHERMAL PRETREATMENT ON FUEL PROPERTIES OF COAL BIOMASS BLEND SIBEL BASAKCILARDAN KABAKCI, MEDYA HATUN TANIS

Session 9 : 21.11.2020 - Saturday (13:00 - 14:30)

Virtual Hall I	Chair : Sakir Tasdemir
	0118 : THE IMPACT OF COVID 19 ON INFORMATION SECURITY ESRA N YOLACAN
	0145 : WORST CASE RISK ANALYSIS OF A TRANSSHIPMENT NETWORK FATIH KASIMOGLU, BULENT SOYKAN
	0249 : CLOUD COMPUTING BASED TIME SERIES ANALYSIS USING GOOGLE COLABORATORY ONDER YAKUT
	0231 : A NOVEL PERMUTATION BASED SOLUTION REPRESENTATION TECHNIQUE FOR VEHICLE ROUTING PROBLEMS ON GPUS ERDENER OZCETIN, GURKAN OZTURK
	0236 : MODELLING OF FINANCIAL SUPPORTS FOR SMES AND EVALUATION OF ALTERNATIVE POLICIES WITH SYSTEM DYNAMICS APPROACH CENGIZ AKTAS
	0267 : DEVELOPING A WEB APPLICATION WITH DJANGO ARCHITECTURE AN EXAMPLE OF STUDENT INFORMATION SYSTEM CIHAT AKKAN, SAKIR TASDEMIR

Session 9 : 21.11.2020 - Saturday (13:00 - 14:30)

Virtual Hall II	Chair : Mehmet Turan Demirci
	0165 : A GAS SENSOR DESIGN AND SIMULATION WITH ZNO AND TIO2 SENSING LAYERS GOZDE KONUK EGE, HUSEYIN YUCE, GARIP GENÇ
	0182 : SOL GEL BASED ANTI REFLECTIVE COATINGS FOR GLASSES USED IN PHOTOVOLTAIC SYSTEMS CENNET YILDIRIM, MIRAY CELIKBILEK ERSUNDU, ALI ERCIN ERSUNDU
	0185 : CHEMICAL MODIFICATION OF STARCH FOR FOOD NANOMATERIAL APPLICATIONS FILIZ SAMAN, OSMAN ARSLAN, YUKSEL ABALI
	0213 : ENHANCED CATALYTIC ACTIVITY OF SURFACTANT ASSISTED NI B CATALYSIS FOR HYDROGEN GENERATION HUSEYIN ELCICEK
	0246 : DEVELOPMENT OF A MICROPROCESSOR CONTROLLED AUTOMATIC TIMER DEVICE FOR THE VERTICAL FLAME PROPAGATION TEST CABINET OF ELECTRICAL CABLES MURAT KACAMAZ, IBRAHIM DORUK, ISMAIL KIYICI, ESREF UN, EROL GUL, HUSEYIN CELIK
	0252 : EFFECT OF DOPANTS ON AKERMANITE HYDROXYAPATITE BIOCERAMIC POWDERS BUSRA BULUT, SEYMA DUMAN, MURAT EROGLU, MINE GULTEKIN OZGUVEN

Session 10 : 21.11.2020 - Saturday (14:45 - 16:15)

Virtual Hall I	Chair : Suleyman Neseli
	0111 : A DENSITY FUNCTIONAL CALCULATIONS ON THE GEOMETRICAL ELECTRONIC AND NONLINEAR OPTICAL PROPERTIES OF HEXAMETHYLENEDIAMINE AYSUN GOZUTOK, AKIF OZBAY
	0170 : INVESTIGATION OF STRUCTURAL PROPERTIES OF BORON CARBIDE REINFORCED EPOXY ADHESIVES GEDIZ UGUZ, KURSAT GULTEKIN
	0242 : EXPERIMENTAL DESIGN OF TWISTED TAPES TO INCREASE HEAT TRANSFER IN TURBULENT FLOWS IN PIPES ALI ELMI FARAH
	0158 : AN APPLICATION A JOB SCHEDULING PROBLEM FOR THE ASSIGNMENT OF ENGINEERS AT THE R D DEPARTMENT OF AN AUTOMOTIVE INDUSTRY COMPANY DURDU HAKAN UTKU, ESRA YAGMUR FARIZOGLU, KARANFIL OZYIGIT
	0198 : DETERMINING THE EFFECT OF BIRD PARAMETERS ON BIRD STRIKES TO COMMERCIAL PASSENGER AIRCRAFT USING THE CENTRAL COMPOSITE DESIGN METHOD ZEHRA HASILCI
	0270 : LEAN PRODUCTION IN INDUSTRY 4 0 ERA BEYZANUR CAYIR ERVURAL

Session 10 : 21.11.2020 - Saturday (14:45 - 16:15)

Virtual Hall II	Chair : Ilker Ors
	0109 : TYPE 2 FUZZY INITIAL VALUE PROBLEMS AND ITS APPLICATION TO MECHANICAL VIBRATIONS SELAMI BAYEG
	0250 : A REVIEW OF HYDROGEN PRODUCTION BY PHOTOCATALYTIC HYDROLYSIS OF AMMONIA BORANE MERYEM SENA AKKUS
	0173 : AN INVESTIGATION OF FACTORS AFFECTING MACHINABILITY OF MILLING TOOLOX 44 HOT WORK TOOL STEEL BY TAGUCHI METHOD RUSTEM BINALI, HALIL DEMIR, SULEYMAN NESELI, SULEYMAN YALDIZ
	0220 : ENERGY AND EXERGY ANALYSES OF A COMBINED POWER SYSTEM UTILIZING COLD ENERGY OF LNG DILARA CALIKIRAN, SENA KIRCICEK, DILEK NUR OZEN, MUHAMMED EMIN TOLU
	0256 : INVESTIGATION ON EFFECT OF SHRINKAGE ALLOWANCE TO THE FATIGUE LIFE OF COMPOUND CYLINDERS OPERATING AT HIGH PRESSURE MEVLUT AYDIN, YUSUF FURKAN YAPAN, MEVLUT TURKOZ
	0271 : INVESTIGATION OF TEMPERATURE DISTRIBUTION IN A COOKING CHAMBER OF AN INDUSTRIAL OVEN AZIZ HAKAN ALTUN, SUKRU ULAS ATMACA, HUSEYIN AHMET EROL, SERCAN DOGAN

Session 11 : 21.11.2020 - Saturday (16:30 - 18:00)

Virtual Hall I	Chair : Mustafa Acarer
	0147 : BALL MILLED SILICON CARBIDE HYDROXYAPATITE COMPOSITES FOR TETRACYCLINE ADSORPTION SERKAN BASLAYICI, MEHMET BUGDAYCI, PELIN BARAN, BUKET GULEN
	0152 : PRODUCTION OF VANADIUM CARBIDE VIA MAGNESIOTHERMIC REDUCTION MEHMET BUGDAYCI, AHMET TURAN
	0175 : FABRICATION OF COPPER CENTERED METAL ORGANIC FRAMEWORK AND NITROGEN SULFUR DUAL DOPED GRAPHENE OXIDE COMPOSITE AS A NOVEL ELECTROCATALYST FOR OXYGEN REDUCTION REACTION SEYED ALI MOUSAVI, MEHDI MEHRPOOYA, FATHOLLAH POURFAYAZ
	0194 : CARBON DERIVATIVE SUPPORTED TRIPLE METAL ELECTRO SENSOR FOR CITRIC ACID DETECTION IN FOOD SAMPLES HILAL CELIK KAZICI, HILAL DEMIR KIVRAK, MUGE YAYLA