

Conference Programme

Plenary Session I : 17.11.2022 - Thursday (10:00 - 11:40)

| | |
|-------------------|--|
| Virtual Hall I | Chair : Esmâ Eryılmaz |
| | 0413 : FEDERATED COMPUTING OF VECTOR MATRIX TRANSACTIONS IN CYBER SOCIAL SYSTEMS DR VLADIMIR HAHANOV |
| | 0414 : EXPANSION OF FUZZY SET THEORY WITH NEW EXTENSIONS PROF DR CENGİZ KAHRAMAN |

Session 1 : 17.11.2022 - Thursday (13:30 - 15:00)

| | |
|-------------------|--|
| Virtual Hall I | Chair : Ali Ozturk |
| | 0167 : SURVIVAL PREDICTION OF HEART PATIENTS WITH MACHINE LEARNING METHODS RESEARCH ASSISTANT FATMA AZIZOGLU, ASSOC PROF DR HIDAYET TAKCI |
| | 0358 : DETECTION OF PERSONALITY FEATURES FROM HANDWRITING BY MACHINE LEARNING METHODS COMPUTER ENGINEER HILAL MUSEVITOGLU, ASSOC PROF DR ALI OZTURK, COMPUTER ENGINEER FATIHA NUR BASUNAL |
| | 0325 : SPEECH TO GENDER RECOGNITION BASED ON MACHINE LEARNING ALGORITHMS ASSISTANT PROFESSOR SERHAT HIZLISOY, STUDENT EMEL COLAKOGLU, ASSISTANT PROFESSOR RECEP SINAN ARSLAN |
| | 0389 : EVALUATION OF TIME SERIES DECOMPOSITION ON STATISTICAL AND MACHINE LEARNING BASED FORECASTING MODELS DR ZEYNEP IDIL ERZURUM CICEK |
| | 0404 : HEART ATTACK RISK ANALYSIS AND ESTIMATION USING MACHINE LEARNING METHODS STUDENT HADICE OKAY, DR ABIDIN CALISKAN |
| | 0407 : T SER AN EFFICIENT SPEECH EMOTIONAL RECOGNITION MODEL FOR TURKISH LANGUAGE BASED ON MACHINE LEARNING ALGORITHMS STUDENT EMEL COLAKOGLU, ASST PROF SERHAT HIZLISOY, ASST PROF RECEP SINAN ARSLAN |
| | 0344 : PRINT ATTACK DETECTION FOR EAR BIOMETRICS WITH FUSION OF TEXTURE BASED AND CNN BASED APPROACHES DR IMREN YESILYURT, PROF DR ONSEN TOYGAR, DR MEHTAP KOSE ULUKOK |
| | 0211 : DEEP FOREST APPROACH FOR ZERO DAY ATTACKS DETECTION ASSIST PROF DR MAHMUT TOKMAK |

Session 1 : 17.11.2022 - Thursday (13:30 - 15:00)

| | |
|--------------------|--|
| Virtual Hall II | Chair : Ummuhan Akbay |
| | 0234 : NEWSVENDOR DECISION ANALYSIS WITH DATA MINING TECHNIQUES ASSISTANT PROFESSOR UMMUHAN AKBAY |
| | 0116 : INVESTIGATION OF THE EFFECT OF DATA AUGMENTATION ON TURKISH PARAPHRASE DETECTION ASSIST PROF ZEYNEP BANU OZGER, MR SERDAR ERTEM |
| | 0263 : ANALYZING THE EFFECT OF PERSONAL CHARACTERISTICS ON SUPPLY CHAIN CONTRACTING DECISIONS THROUGH DATA MINING ASSISTANT PROFESSOR UMMUHAN AKBAY |
| | 0354 : CLASSIFICATION OF HEALTHY AND DEFECTIVE APPLES VIA CONVOLUTIONAL NEURAL NETWORKS MS STUDENT RAMAZAN DURSUN, DR OGR UYESI FATIH GOKCE |
| | 0333 : USER REVIEW CLASSIFICATION OF MOBILE BANKING APPLICATIONS WITH LIMITED NUMBER OF LABELLED DATA DR IBRAHIM CERECI, MR MUSTAFA BAYRAKTAR, DR MUSTAFA ERSAHIN |
| | 0405 : A RECOMMENDATION SYSTEM STUDY ON USER PRODUCT DATA MASTER STUDENT BEGUM UYANIK, ASSISTANT PROFESSOR GUNCE KEZIBAN ORMAN |
| | 0410 : MODELING AND ASSESSMENT OF GROUNDWATER POTENTIAL AND QUALITY OF SANLIURFA BASIN MODELING AND EVALUATION WITH GIS AID AHP METHOD LECTURER DR VEYSEL ASLAN |
| | 0408 : NONLINEAR SLOSHING RESPONSE OF LIQUID FILLED REINFORCED CONCRETE RC ELEVATED WATER TANK UNDER SEISMIC EXCITATION LECTURER OLGUN KOKSAL, PROF DR ZEKI KARACA, DOC DR ERDEM TURKELI |

Session 2 : 17.11.2022 - Thursday (15:15 - 16:45)

| | |
|---|--|
| Virtual Hall II | Chair : Muhammed Oz |
| | 0200 : POWDER METALLURGICAL SYNTHESIS AND CHARACTERIZATION OF FE AL SI ALLOYS RESEARCH ASSISTANT BERK SENYURT, RESEARCH ASSISTANT CANTEKIN KAYKILARLI, RESEARCH ASSISTANT BURAK KUCUKELYAS, PROFESSOR DENIZ UZUNSOY, ASSOCIATE PROFESSOR NAZLI AKCAMLI |
| | 0275 : CHARACTERIZATION OF BORIC ACID DOPED NI FE THIN FILMS GROWN BY ELECTROCHEMICAL DEPOSITION METHOD ASSISTANT PROFESSOR ERMAN ERDOGAN |
| | 0319 : SIMULATION OF MICROSTRUCTURE EVOLUTION DURING DESTABILIZATION AND TEMPERING HEAT TREATMENTS OF WHITE CAST IRONS ASSOCIATE PROFESSOR ONCU AKYILDIZ, RESEARCH ASSISTANT DUYGU CANDEMIR |
| | 0332 : INFLUENCE OF ALUMINUM OXIDE ON MAIN ELECTRICAL RESISTIVITY FEATURES OF BI 2212 CERAMIC COMPOUNDS DOC DR MUHAMMED OZ, PROF DR GURCAN YILDIRIM, PROF DR CABIR TERZIOGLU |
| | 0334 : EFFECT OF ALUMINUM OXIDE ON MAIN SUPERCONDUCTING FEATURES OF BI2 1SR2 0CA1 1CU2 0OY CERAMICS DOC DR MUHAMMED OZ, PROF DR GURCAN YILDIRIM, PROF DR CABIR TERZIOGLU |
| | 0303 : METHOD AND CHARACTERIZATION OF BIO PREPERATIVES MADE FROM ORGANIC STRUCTURES WITH MACERATION AND DIGESTION EXTRACTION MODELS IN NANO SIZE PHD STUDENT SUKRU ACAR, PROF DR HAMDI SUKUR KILIC |
| | 0348 : DEVELOPMENT OF ENERGY SAVING AND ECO FRIENDLY COMMERCIAL DISHWASHERS USING OZONE DR ZAFER KAHRAMAN, ENG MURAT HACI, PROF DR HAKAN SERHAD SOYHAN |
| 0145 : THERMAL BEHAVIOR OF RADIATOR IN PASSIVE LIQUID COOLING SYSTEMS FOR SPRING SEASON ASST PROF DR G ALEVAY KILIC | |

Session 2 : 17.11.2022 - Thursday (15:15 - 16:45)

| | |
|---|---|
| Virtual Hall I | Chair : Nurettin Dogan |
| | 0367 : THE INFLUENCE OF DONOR AND RECEIVER COMBINATIONS ON IMMUNE PLASMA PROGRAMMING IN SYMBOLIC REGRESSION PROBLEMS STUDENT BEGUM YETISKIN, ASST PROF SIBEL ARSLAN |
| | 0197 : REWARDING WATER ANALYSIS DATA IN PROOF OF STAKE BLOCKCHAIN NETWORK MR BATUHAN GOKTAS, PROF DR NURETTIN DOGAN |
| | 0127 : ON THE USE OF TIME SERIES DATASETS THROUGH GOOGLE EARTH ENGINE TO MONITOR THE FOREST COVER LOSS IN TURKIYE BETWEEN 2001 AND 2021 DR CIGDEM SERIFOGLU YILMAZ |
| | 0373 : USING PERMISSIONED BLOCKCHAIN IN EDUCATION SYSTEM FOR INTERNSHIP ASSISTANT PROFESSOR OZGUR OKSUZ |
| | 0305 : BITCOIN PRICE PREDICTION BY TRAIN TEST EDUCATION OF LINEAR REGRESSION VIA MACHINE LEARNING IN PYTHON ASSOC PROF DR COSKUN DENIZ, ASSOC PROF DR BORA CANBULA |
| | 0295 : A CLASSIFICATION AND SHORT LITERATURE REVIEW ON 3D USER INTERFACE 3D UI SENSING TECHNOLOGIES ASSOC PROF DR COSKUN DENIZ |
| | 0362 : THE NEXT GENERATION VIDEO PROCESSING TECHNOLOGY A GUIDE TO AWS DEEPLENS LEAD DATA SCIENTIST PINAR ERSOY, VP OF R D PHD MUSTAFA ERSAHIN |
| 0182 : STATIC ANALYSIS OF MALWARE DETECTION USING MACHINE LEARNING ALGORITHMS RESEARCH ASSISTANT NISA VURAN SARI, ASST PROF DR MEHMET ACI | |

Session 3 : 17.11.2022 - Thursday (17:00 - 19:00)

| | |
|--|---|
| Virtual Hall II | Chair : Ali Ihsan Karakas |
| | 0186 : AHP AND GIS BASED SITE SELECTION FOR MEDICAL WASTE DISPOSAL FACILITY KAHRAMANMARAS TURKOGLU DISTRICT RESEARCH ASSISTAN OMER FARUK ATIZ, RESEARCH ASSISTAN TANSU ALKAN, PROF DR SULEYMAN SAVAS DURDURAN, ENGINEER SEVIM KAPUKAYA |
| | 0199 : REAL ESTATE VALUATION WITH REGRESSION ANALYSIS THE CASE OF MERAM DISTRICT OF KONYA PROVINCE RESEARCH ASSISTAN TANSU ALKAN, RESEARCH ASSISTAN OMER FARUK ATIZ, PROF DR SULEYMAN SAVAS DURDURAN, ENGINEER MUHAMMED IKBAL BAYRAKDAR |
| | 0262 : FUNDAMENTAL PERIODS OF ISOLATED BRIDGES WITH TALL COLUMN BENTS AND SOIL INTERACTION ASSIST PROF ALI IHSAN KARAKAS |
| | 0256 : DETERMINATION OF G₀ SHEAR MODULUS OF SANDY PUMICE SOIL ASST PROF IBRAHIM YIGIT, GRADUATE STUDENT ABDURRAHMAN USAL, GRADUATE STUDENT ELIFNUR SAKALAK |
| | 0220 : DEVELOPING A NOVEL PHOTOGRAMMETRY METHODOLOGY IN CULTURAL HERITAGE DOCUMENTATION MARDIN MELIK MAHMUT MOSQUE RES ASST IZZETTIN KUTLU, ASSOC PROF DR ASENSA SOYLUK, PROF DR ALI IHSAN UNAY |
| | 0221 : A REVIEW OF THE USABILITY OF PHOTOGRAMMETRY TECHNIQUE FOR STUDYING THE STRUCTURAL BEHAVIOR OF HISTORICAL BUILDINGS RES ASST IZZETTIN KUTLU, ASSOC PROF DR ASENSA SOYLUK, ASST PROF DR SERDAR AYDIN |
| | 0399 : COMPARISON OF JASON 3 TEC WITH GLOBAL IONOSPHERE MAP GIM LECTURER GURKAN OZTAN, ASSOC PROF DR SALIH ALCAY |
| | 0401 : MODAL ANALYSIS OF THE STEEL INDUSTRY STRUCTURE BY FINITE ELEMENT METHOD ACCORDING TO TBDY 2018 REGULATION HAKAN AYDIN HAKAN AYDIN |
| | 0340 : ECONOMIC FEASIBILITY ASSESSMENT IN DESIGN OF SUSTAINABLE PREFABRICATED INDUSTRIAL BUILDINGS AND THE CASE STUDY OF DEMIR EKOSAN DR LECTURER DENIZ CAGLA BAL, MSC STUDENT SELIN KOCA |
| 0307 : DREDGING WORKS OF THE MEDJERDA RIVER TUNISIA FLOOD ANALYSIS AND SIMULATIONS PHD STUDENT HAMMAMI SABER, DOCTOR ROMDHANE HELA, PROFESSOR SOUALMIA AMEL, PROFESSOR KOURTA AZEDDINE | |

Session 3 : 17.11.2022 - Thursday (17:00 - 19:00)

| | |
|-------------------|--|
| Virtual Hall I | Chair : Onur Inan |
| | 0180 : REAL TIME FAST SELECTING SYSTEM WITH OBJECT RECOGNITION AND TSP ALGORITHMS LECTURER MERT DEMIR |
| | 0179 : ROAD PROBLEM DIAGNOSIS WITH MULTI AGENT SYSTEMS IN TRAFFIC LECTURER MERT DEMIR |
| | 0403 : BINARY HYBRID FEATURE SELECTION BASED ON GREY WOLF OPTIMIZATION AND HARRIS HAWK OPTIMIZATION DR ONUR INAN, DR MUSTAFA SERTER UZER |
| | 0402 : HYBRIDIZATION OF THE GREY WOLF OPTIMIZATION WITH HARRIS HAWKS OPTIMIZATION DR MUSTAFA SERTER UZER, DR ONUR INAN |
| | 0216 : DUPLICATION FORGERY DETECTION BASED ON WEBER ALGORITHM MRS ISILAY BOZKURT, ASSOC PROF GUZIN ULUTAS |
| | 0213 : DUPLICATION DETECTION IN VIDEOS USING DWT ALGORITHM |

| | |
|--|--|
| | MRS ISILAY BOZKURT, ASSOC PROF GUZIN ULUTAS |
| | 0391 : BENCHMARKING OF RESNET MODELS FOR BREAST CANCER DIAGNOSIS USING MAMMOGRAPHIC IMAGES MR HASAN SERDAR MACIT, ASSOCIATE PROFESSOR KADIR SABANCI |
| | 0237 : AN INTERNET OF THINGS IOT BASED AUTOMATION SYSTEM FOR GREENHOUSES MR KAAAN YAVAS, MR MUSTAFA HIKMET OZTURK, ASSOC PROF DR SEBNEM BORA, PROF DR AYLIN KANTARCI |
| | 0201 : AGENT BASED MODELLING OF CELL CYCLE BEHAVIOR STUDENT MSC AYNUR SEN, SOFTWARE DEVELOPER KASSIM KINGALU, ASST PROF DR SEVCAN EMEK, ASSOC PROF DR SEBNEM BORA |
| | 0398 : PCA SVM RANDOM SEARCH OPTIMIZATION BASED APPLICATION FOR CLASSIFICATION OF DATE FRUITS ACCORDING TO PHYSICAL PROPERTIES MR MUHAMMET FATIH ASLAN |

Session 4 : 18.11.2022 - Friday (09:00 - 10:30)

| | |
|----------------|--|
| | Chair : Dilek Uzer |
| | 0257 : THERMAL BEHAVIOR ASSESSMENT OF XLPE INSULATED MV POWER CABLES UNDER DIFFERENT CONDITIONS DR CIHAT CAGDAS UYDUR |
| | 0185 : A REVIEW OF POWER LINE DISTURBANCES AND THEIR MITIGATION DEVICES MASTER STUDENT HALIL YASAR USTUNEL, ASSISTANT PROFESSOR OGUZHAN TIMUR |
| | 0370 : EFFECTS OF PSO ALGORITHM PARAMETERS ON THE MPPT SYSTEM UNDER PARTIAL SHADING CONDITION MASTER STUDENT CAGRI BATUHAN OGUZ, ASSISTANT PROFESSOR EMRE AVCI, ASSOCIATE PROFESSOR SALIH BARIS OZTURK |
| Virtual Hall I | 0302 : PULSE DENSITY MODULATION CONTROLLED HIGH FREQUENCY RESONANT CONVERTER FOR WIRELESS POWER TRANSFER SYSTEMS STUDENT CEM KUTLU, ASSOCIATE PROFESSOR HARUN OZBAY |
| | 0238 : C BAND MICROSTRIP ANTENNA ARRAY ON PHOTOGRAPH PAPER SUBSTRATE DR DILEK UZER, MS AYSE OZGE CINAR, MS ZEYNEP IREM KOFUN, MR NEBI BERHAN TAS |
| | 0152 : EFFECTS OF VOLTAGE SAGS ON VARIABLE FREQUENCY DRIVE IN INDUSTRIAL FACILITIES MASTER STUDENT HALIL YASAR USTUNEL, ASSIST PROF OGUZHAN TIMUR |
| | 0374 : A METHOD TO IMPLEMENT TERNARY LOGIC GATES VIA MULTI THRESHOLD TRANSISTORS DR AHMET UNUTULMAZ |
| | 0233 : A GAAS P HEMT VOLTAGE CONTROLLED OSCILLATOR DESIGN FOR 5G MILLIMETER WAVE APPLICATIONS ASSISTANT PROF HUSEYIN SERIF SAVCI |

Session 4 : 18.11.2022 - Friday (09:00 - 10:30)

| | |
|-----------------|--|
| | Chair : Can Coskun |
| | 0115 : SOUND PROBLEM OF SHIP ENGINES AND ITS EFFECT ON SEAFARERS LECTURER OKAN BUYUKACAR, ASST PROF DR GULENAY ALEVAY KILIC, ASST PROF DR SEMIN KAYA |
| Virtual Hall II | 0212 : EVALUATION OF HEMP SEED IN THE FIELD OF ENERGY BIODIESEL PRODUCTION PROFESSOR HIDAYET OGUZ, RESEARCH ASSISTANT MERVE CELIK TOLU |
| | 0356 : STRUCTURAL ANALYSIS FOR TOPOLOGY OPTIMIZATION OF A JET ENGINE BRACKET ATK ALP TIMUCIN KOCAK, IS ISMAIL SARAC |

| | |
|--|---|
| | <p>0226 : INVESTIGATION OF EFFECTS OF COOLING CHANNELS ON FLOW PROPERTIES IN NASA C3X TURBINE BLADE RESEARCH ASSISTANT MUHAMMED EMIN TOLU, ASSISTANT PROFESSOR OSMAN BABAYIGIT, ASSOCIATE PROFESSOR DILEK NUR OZEN</p> |
| | <p>0297 : INVESTIGATION OF THE COOLING PERFORMANCE OF THE AIR CONDITIONER OF AN INTERNAL COMBUSTION ENGINE VEHICLE FOR DIFFERENT ENGINE SPEEDS AND REFRIGERANTS DR ERDEM ERSAYIN</p> |
| | <p>0381 : INVESTIGATION OF TRIBOLOGICAL BEHAVIOR OF SUNFLOWER OIL AS A BIOLUBRICANT IN INTERNAL COMBUSTION ENGINES DR STUDENT OMAR AL HADEETHI, ASSOC DR ABDULLAH ENGIN OZCELIK, ASSIST PROF MEHMET TURAN DEMIRCI</p> |
| | <p>0365 : INVESTIGATION OF THE ECONOMIC ASPECTS OF AIR SOURCE HEAT PUMP USAGE FOR IZMIR PROVINCE DOC DR CAN COSKUN, PROF DR ZUHAL OKTAY</p> |
| | <p>0164 : INVESTIGATION ON ELEVATOR ROPES AND BELTS EXPOSED TO TENSILE LOAD HUSEYIN SEKMEN HUSEYIN SEKMEN, YUSUF AYTAC ONUR YUSUF AYTAC ONUR</p> |

Session 5 : 18.11.2022 - Friday (10:45 - 12:15)

| | |
|----------------|--|
| | <p>Chair : Melis Alpaslan Takan</p> |
| Virtual Hall I | <p>0208 : WEAR RATE PREDICTION OF Ti 6Al 4V ALLOY USING ARTIFICIAL NEURAL NETWORK MR CANTEKIN KAYKILARLI, MR TAHA YASIN EKEN, MR ISMAIL ENES PARLAK</p> |
| | <p>0245 : INVESTIGATION ON KINETICS AND THERMODYNAMICS OF POLY METHYL METHACRYLATE PMMA DEGRADATION BY ARTIFICIAL NEURAL NETWORK MODELING ASST PROF DR MELIS ALPASLAN TAKAN, ASSOC PROF DR GAMZENUR OZSIN</p> |
| | <p>0329 : DETERMINATION OF HANSEN SOLUBILITY PARAMETERS OF SINGLE WALL CARBON NANOTUBES FOR COATING SYSTEMS DR SECIL SEVIM UNLUTURK, MSC NECATI GUDUMCUOGLU, MSC ILAYDA MELEK CELIK</p> |
| | <p>0331 : CURE KINETICS STUDIES OF POLYURETHANE BY DIFFERENTIAL SCANNING CALORIMETRY MSC NECATI GUDUMCUOGLU, DR SECIL SEVIM UNLUTURK, MSC ILAYDA MELEK CELIK</p> |
| | <p>0338 : THE ATOMIC FORCE MICROSCOPY STUDY OF AMORPHOUS BISBTE THIN FILM WITH THE VARIOUS DEPOSITION PRESSURE MR MEHMET CETIN, DR GIZEM DURAK YUZUAK, DR ERCUMENT YUZUAK</p> |
| | <p>0384 : ELECTROCHEMICAL STORAGE BEHAVIOUR OF PTBA AS ELECTROACTIVE MATERIAL FOR FLOW BATTERIES MR TAHA YASIN EKEN, ASST PROF DR OMER YUNUS GUMUS, PROF DR DENIZ UZUNSOY</p> |
| | <p>0314 : FATIGUE PROPERTIES OF HOT DIP ALUMINIZED INCONEL 718 SUPERALLOY M SC STUDENT IBRAHIM GOKDEMIR, RES ASST MERTCAN KABA, RES ASST ERDEM BALCI, RES ASST AHMET KAVUKCU, PROF DR MURAT BAYDOGAN</p> |
| | <p>0383 : FABRICATION AND CHARACTERIZATION OF ANODIC FILMS ON 304 STAINLESS STEEL STUDENT NIHAN AGIRLAR, STUDENT NIHAT CAN BAGCI, STUDENT ECE ARKALI, PROF CEVAT SARIOGLU, ASST PROF GORKEM YUMUSAK</p> |

Session 5 : 18.11.2022 - Friday (10:45 - 12:15)

| | |
|-----------------|---|
| | <p>Chair : Sinan Gucluer</p> |
| Virtual Hall II | <p>0265 : ANALYSIS OF THE AZIMUTH ANGLES OF A PHOTOVOLTAIC SYSTEM IN NON IDEAL POSITIONS ASSIST PROF DR MUHARREM HILMI AKSOY, R D ENGINEER MAHMUD BAKIRHAN, RESEARCH ASSISTANT MURAT ISPIR</p> |
| | <p>0168 : RAPID LASER PROTOTYPED MICROFLUIDIC DEVICES FOR ON CHIP EMULSION GENERATION ASSISTANT PROFESSOR DR SINAN GUCLUER</p> |

| | |
|--|--|
| | <p>0129 : DYNAMICS ANALYSIS OF A HEAD NECK REHABILITATION ROBOT USING NEWTON EULER EQUATIONS DR ATILLA BAYRAM, MS AHMET SADIK DURU</p> |
| | <p>0359 : ANALYSIS OF POSITION LEVEL FORWARD KINEMATIC SINGULARITIES OF PLANAR RPRPR PARALLEL ROBOTS ASSOC PROF DR MUSTAFA OZDEMIR, MASTER OF SCIENCE STUDENT LEVENT KARAKAYA</p> |
| | <p>0346 : DETERMINATION OF GEOMETRICAL PROPERTIES OF FORMED SHEET METAL PARTS WITH 3D SCANNING METHOD RESEARCH ASSISTANT MEVLUT AYDIN, PHD OSMAN OZTURK, ASSISTANT PROF MEVLUT TURKOZ</p> |
| | <p>0282 : INVESTIGATION OF DIFFERENT AIR CURTAIN DESIGNS IN INDUSTRIAL TYPE VERTICAL REFRIGERATOR CABINETS CFD ENGINEER MEHMET HALUK ERDOGAN, ASSISTANT PROFESSOR SERCAN DOGAN, RESEARCH ASSISTANT PHD SERCAN YAGMUR, ASSISTANT PROFESSOR AZIZ HAKAN ALTUN</p> |
| | <p>0388 : THE IMPACT OF GEOMETRICAL PARAMETERS OF STENOSIS ON BLOOD FLOW MODELING MSC STUDENT ALI MUFTUOGULLARI, MSC STUDENT MELISA ALBAYRAK, ASSISTANT PROFESSOR MUNIR SUNER, ASSISTANT PROFESSOR BUGRA SARPER</p> |
| | <p>0406 : PULSATING PERFORMANCE TESTS OF HYDROFORMING PRESS RESEARCH ASSISTANT OMER FARUK GOKCEPINAR, RESEARCH ASSISTANT MEVLUT AYDIN, GRADUATE STUDENT HARUN MERT ILBEYLI, ASSISTANT PROFESSOR MEVLUT TURKOZ, ASSOCIATE PROFESSOR MURAT DILMEC, PROFESSOR HUSEYIN SELCUK HALKACI</p> |

Session 6 : 18.11.2022 - Friday (13:30 - 15:00)

| | |
|----------------|---|
| | Chair : Volkan Yilmaz |
| | <p>0113 : AN INVESTIGATION OF HYPERSPECTRAL IMAGE FUSION STRATEGIES ON REAL DATASETS ASSOC PROF DR VOLKAN YILMAZ</p> |
| | <p>0118 : DESIGN OF A FUZZY EXPERT SYSTEM FOR DETERMINING ASPIRIN DOSAGE DESIGN OF A FUZZY EXPERT SYSTEM FOR DETERMINING ASPIRIN DOSAGE NOVRUZ ALLAHVERDI</p> |
| | <p>0162 : INTERNET OF THINGS COMMUNICATION TECHNOLOGIES USED IN SMART PUBLIC TRANSPORT ASSISTANT PROFESSOR GUL FATMA TURKER</p> |
| | <p>0178 : HOW DO PANSHARPENING STRATEGIES AFFECT SPECTRAL INDICES ON WORLDVIEW 2 DATASETS ASSOC PROF DR VOLKAN YILMAZ</p> |
| Virtual Hall I | <p>0176 : A USE CASE FOR CUSTOMER SEGMENTATION IN THE SAVINGS FINANCE SECTOR USING DESCRIPTIVE ANALYTICS MURAT AYYILDIZ, ZEKERIYA KOSE, RES ASST MUGE OLUCOGLU, RES ASST CEVHERNUR SOYLEMEZ PEKTAS</p> |
| | <p>0172 : ENHANCING VEHICLE ROUTING PROBLEM WITH CLUSTERING FUZULI COSKUN CAKMAK, GOKALP KOSEOGLU, RES ASST CEVHERNUR SOYLEMEZ PEKTAS, RES ASST MUGE OLUCOGLU</p> |
| | <p>0112 : ELELECTRONIC PERSONALITY AND THE LEGAL LIABILITY ARISING FROM ARTIFICIAL INTELLIGENCE AI ASSOC PROF DR ALPER UYUMAZ</p> |
| | <p>0353 : A REAL LIFE USE CASE FOR PREDICTING SALES OF BUS TICKETS SENIOR DATA SCIENTIST HINCAL TOPCUOGLU, DIRECTOR OF TECHNOLOGY BEHCET MUTLU, RESEARCH ASISSTANT AT IZMIR BAKIRCAI UNIVERSITY CEVHERNUR SOYLEMEZ</p> |

Session 6 : 18.11.2022 - Friday (13:30 - 15:00)

| | |
|-----------------|--|
| Virtual Hall II | Chair : Seyit Mehmet Demet |
| | 0106 : STIFFNESS IN THE KNITTED FABRICS WITH VORTEX YARNS |

| | |
|--|---|
| | ASSOC PROF SEVAL UYANIK, PROF PINAR DURU BAYKAL |
| | 0107 : THE EFFECTS OF HARD WASTE ON YARN QUALITY ASSOC PROF SEVAL UYANIK, RD ENGINEER FATMA DEMIRCI |
| | 0192 : EFFECT OF GEAR DESIGN PARAMETERS ON CONTACT STRESSES DR SEYIT MEHMET DEMET |
| | 0194 : THERMOMECHANICAL AND VISCOELASTIC PROPERTIES OF PA6 GO NANOCOMPOSITES PRODUCED BY IN SITU POLYMERISATION MR OGUZKAN SENTURK, DR MEHMET PALABIYIK |
| | 0288 : CHEMICAL RECOVERY FROM CO-PYROLYSIS OF NAPHTHALENE AND POLYSTYRENE RES ASSIST GAMZE OZCAKIR, PROF DR ALI KARADUMAN |
| | 0328 : EVALUATING THE PARAMETERS FOR ELECTRODE WEAR RATE IN ELECTRICAL DISCHARGE MACHINING OF DIN 1 2344 STEEL MR YUSUF MALO, DR HARUN YAKA |
| | 0360 : SYNTHESIS PROPERTIES AND APPLICATIONS OF SILICA AEROGELS A REVIEW RES ASSIST GAMZE OZCAKIR |
| | 0143 : VIBRATION BEHAVIORS OF ANTISYMMETRIC FIBER METAL LAMINATED COMPOSITE PLATES DR SINAN MARAS, PROF DR MUSTAFA YAMAN |

Session 7 : 18.11.2022 - Friday (15:15 - 16:45)

| | |
|----------------|---|
| | Chair : Muhammet Ozturk |
| | 0157 : CLASSIFICATION OF BRAIN TUMORS USING CONVOLUTIONAL NEURAL NETWORK CNN L CIVCIK LEVENT CIVCIK, A MEHTIYEV ALIABAS MEHTIYEV |
| | 0151 : ANALYSIS OF THE HARMONIC EFFECTS OF ELECTRIC RAIL SYSTEMS ON THE ENERGY DISTRIBUTION NETWORK MEHMET ZEKI MEHMET ZEKI CELIK, ISMAIL ISMAIL KIYAK |
| | 0190 : USES OF LIGHT EMITTING DIODE LED LIGHT AS AN ACTIVE INGREDIENT IN MEDICAL TREATMENTS A REVIEW STUDY Y MUH BURAK RECEP KAMBER, PROF DR ISMAIL KIYAK, Y MUH SERCAN KESKINTAS, MUH EMRE KOCAK |
| Virtual Hall I | 0101 : ELECTROMAGNETIC COMPATIBILITY EMC SIMULATION AND APPLICATION IN AUTOMOTIVE ELECTRONICS BSC ALPEREN YAZAR, ASST PROF METIN HUNER |
| | 0147 : IMPLEMENTATION OF MODIFIED KARNIK MENDEL ALGORITHM BASED INTERVAL TYPE 2 FUZZY INFERENCE SYSTEM FOR AIRCRAFT PITCH CONTROL DR MUHAMMET OZTURK, DR TARIK UNLER, MS GIZEM BEDENLI, MS SAKINE KURTAR, MS NUR YILDIRIM, MR TOLUNAY DAG |
| | 0159 : VIOLENCE DETECTION IN VIDEOS BASED ON DEEP LEARNING APPROACHES DR OGR UYESI LEVENT CIVCIK, MSC STUDENT OSAMA ALKAYAL |
| | 0128 : COMPARISON OF SIMULATED EVS ENERGY CONSUMPTION WITH PHYSICAL ROAD TEST ELECTRIC AND ELECTRONIC ENGINEER OGUZKAAN DELIGOZ |
| | 0165 : USING TEMPLATE MATCHING ALGORITHM IN WELDING ROBOTS DR OGR UYESI LEVENT CIVCIK, ELECTRIC ELECTRONIC ENGINEER MUHAMMED ALPEREN AKSIN |

Session 7 : 18.11.2022 - Friday (15:15 - 16:45)

| | |
|-----------------|---|
| | Chair : Fatih Dogan |
| Virtual Hall II | 0146 : DEEP LEARNING RESEARCH IN DAMAGE DETECTION OF RC STRUCTURES MSC BEYZA GULTEKIN, ASSIST PROF DR GAMZE DOGAN |

| |
|---|
| <p>0188 : MICROSTRUCTURE ANALYSIS OF RECYCLED FERROCHROME FILLED POLYMER CONCRETES CONTAINING SWCNT PROF DR SERKAN SUBASI, ASSISTANT PROFESSOR FATI H DOGAN, DR HEYDAR DEHGHANPOUR, MSC MUHAMMED MARASLI</p> |
| <p>0105 : ANALYSIS OF HISTORICAL CASTLES USING THE FINITE ELEMENT METHODS ANALYSIS OF HISTORICAL CASTLES USING THE FINITE ELEMENT METHODS ELIF BELOVACIKLI</p> |
| <p>0140 : PERFORMANCE OF AN UPSTREAM COFFERDAM AT DAM CONSTRUCTION SITE DURING A FLOOD EVENT BERDAN DAM CASE STUDY DR SERIFE PINAR GUVEL, PHD CANDIDATE MEHMET ALI AKGUL, PHD CANDIDATE SERIFE DUYGU BABACAN, PHD CANDIDATE SEDA SEVER, PROF DR RECEP YURTAL</p> |
| <p>0163 : EPOCH AVAILABILITY ANALYSIS OF LOW COST GNSS RECEIVER MS CEREN KONUKSEVEN, ASSOC PROF DR SALIH ALCAY, ASSOC PROF DR SERMET OGUTCU, RES ASSIST DR BEHLUL NUMAN OZDEMIR, ASSOC PROF DR MEHMET HACIBEYOGLU, MS ESMA NISA CANDAN</p> |
| <p>0166 : EXPERIMENTAL STUDY AND GREY CORRELATION ANALYSIS OF UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION BEHAVIOR FOR GEOTEXTILE REINFORCED CLAY MASTER STUDENT MUHAMMET NURI ODEMIS, ASSIST PROF MUGE ELIF ORAKOGLU FIRAT</p> |
| <p>0184 : ARCHITECTURAL RESEARCH OF THE INTERACTION BETWEEN THE STRUCTURAL SYSTEM OF BUILDINGS AND CURTAIN WALL AN ANALYSIS ON SELECTED BUILDINGS IN ANKARA STUDENT TUGCE ERARTSIN, PROF DR ALI IHSAN UNAY</p> |
| <p>0189 : USE OF BIM WITH MODULAR CONSTRUCTION IN FUTURE CONSTRUCTION TECHNIQUES ARCHITECTURE GRADUATE STUDENT ARCHITECT ILAYDA OMURTAY, ASSOC PROF ASENA SOYLUK, PROF ALI IHSAN UNAY</p> |

Session 8 : 18.11.2022 - Friday (17:00 - 19:00)

| | |
|----------------|---|
| Virtual Hall I | Chair : Abdurrahman Demirci |
| | 0235 : ENERGY ANALYSIS OF A DOUBLE PASS SOLAR AIR COLLECTOR R D ENGINEER AHMET ERTAN, MR SELCUK DARICI |
| | 0169 : INVESTIGATION OF THE EFFECT OF THE USE OF TOP DEFLECTORS ON AERODYNAMIC PERFORMANCE IN VEHICLES WITH CFD ANALYSIS DR HAYDAR KEPEKCI |
| | 0187 : COMPUTATIONAL HEMODYNAMIC ANALYSIS OF A PATIENT SPECIFIC ABDOMINAL AORTIC ANEURYSM STUDENT AYKUT CAN ARSLAN, DR HUSEYIN ENES SALMAN |
| | 0191 : NUMERICAL ANALYSIS OF LAMINAR HEAT TRANSFER FOR NANOFLUIDS IN A MICROCHANNEL RES ASST ILKER GOKTEPELI, ASST PROF DR ULAS ATMACA |
| | 0175 : DEVELOPMENT OF A SURROGATE MODEL FOR DESIGN OF A PASSIVE VIBRATION ISOLATOR USED FOR AN INERTIAL MEASUREMENT UNIT MR COSKU VARDALLI, DR CEYHUN TOLA, DR OSMAN TAHA SEN |
| | 0219 : MULTI OBJECTIVE OPTIMIZATION OF A THIN WALLED COMPOSITE AIRCRAFT WING BASED ON THE MODAL ANALYSIS MR SEFA OKSUZ, DR SEHER EKEN, DR CEYHUN TOLA |
| | 0138 : TOOTH TIP INTERFERENCE AND STRESS ANALYSIS OF HIGH CONTACT RATIO SPUR GEAR PAIRS USING AN OPTIMIZED DESIGN TOOL MSC STUDENT SAMET TURAN, PHD HUSEYIN ENES SALMAN |
| | 0206 : EASY TO CARRY AND MOBILE BIOGAS SYSTEM DESIGN RAHMI GUNDESLI RAHMI GUNDESLI, KUBRA BUYUKHAN KUBRA BUYUKHAN |
| | 0224 : ESTIMATION OF WIEBE FUNCTION PARAMETERS IN A SI ENGINE AT DIFFERENT LOADS AND SPEEDS ASST PROF DR ABDURRAHMAN DEMIRCI, ASST PROF DR HUSEYIN EMRE DOGAN, ASSOC PROF DR OSMAN AKIN KUTLAR, POST GRADUATE STUDENT MUSTAFA NAR |

| | |
|--|---|
| | 0355 : DUAL AXES SUN TRACKING SYSTEM WITH PLC CONTROL DR BEKIR CIRAK, STUDENT BERNA TURKMEN |
| | 0330 : A NOVEL TRAFFIC VIDEO DATASET FOR VEHICLE TRACKING YAMAC TAN, ELIF NEHIR ULU, DR YUCEL CIMTAY, DOC DR GOKCE NUR YILMAZ |

Session 8 : 18.11.2022 - Friday (17:00 - 19:00)

| | |
|--|---|
| Virtual Hall II | Chair : Mahmut Emin Celik |
| | 0121 : 3D NEUROMUSCULAR MODELLING OF A TRANSFEMORAL AMPUTEE WALKING ASSIST PROF DR SAKIR ALTINSOY, STUDENT NOOR A SALEH, ASSIST PROF DR SEVIL OZER, STUDENT ANMAR MAHMOOD |
| | 0227 : AN EVALUATION OF INERTIAL NAVIGATION SYSTEMS STUDENT MUHAMMED ZEYN, ASST PROF DR SAFFET VATANSEVER |
| | 0268 : STUDY OF THE FORMATION MECHANISM OF DPPC LIPOSOMES AND CALCIUM ION COMPLEXES PROFESSOR TAMAZ MDZINARASHVILI, PROFESSOR MARIAM KHVEDELIDZE, PHD OF PHYSICS EKA SHEKILADZE, PHD STUDENT SALOME CHINCHALADZE, PHD STUDENT MARIAM MDZINARASHVILI |
| | 0312 : FEATURE SELECTION BASED ON GABOR FILTER AND BSO FOR DETECTING PARKINSON S DISEASE ASSIST PROF DR POUYA BOLOURCHI, MR MOHAMMADREZA GHOLAMI |
| | 0379 : WELDING ROBOT DESIGN WITH MACHINE LEARNING BASED INTELLIGENT VISION SYSTEM MSC BERKAY EREN, DR MEHMET HAKAN DEMIR, PROF DR SELCUK MISTIKOGLU |
| | 0345 : THE EFFECT OF PULSE WIDTH AND FREQUENCY IN A MULTISCALE COMPUTATIONAL MODEL OF A SINGLE CELL DR MAHMUT EMIN CELIK |
| | 0198 : AN APPROACH BASED ON MINIMIZING ERROR CRITERIA FOR TRAJECTORY TRACKING OF A SCARA ROBOT MANIPULATOR UNDERGRADUATE DURDANE DELIKTAS, UNDERGRADUATE RAHIM AKTAS, RESEARCH ASSISTANT SINAN ILGEN, ASSISTANT PROFESSOR ERDI GULBAHCE |
| | 0218 : GEOMETRIC MEASUREMENT SYSTEM FOR ENGINE VALVE PARTS VIA MACHINE VISION DR MURAT AKDOGAN, MR ISRAFIL BAYRAM, MR AHMET DUZYOL, MR MEHMET ALI ARI |
| | 0266 : EXTRACTION OF HYDROXYAPATITE FROM TILAPIA FISH BONE USING CALCINATION METHOD ENGINEER EMRE FATIH EDIZ, ENGINEER SELMAN KUCUKKIVANC, CHEMIST SERIFE DILEK, ENGINEER DENIZ TUGCE ALGAN |
| 0222 : ECG ARTIFACTS REMOVING USING ZERO PHASE FILTERING PHD SEMA YILDIRIM | |

Session 9 : 19.11.2022 - Saturday (09:00 - 10:30)

| | |
|-------------------|--|
| Virtual Hall I | Chair : Nurullah Gultekin |
| | 0269 : LARGE DEFLECTIONS OF BI DIRECTIONAL FUNCTIONALLY GRADED CANTILEVER BEAMS MSC AYHAN HACIOGLU, DR ADEM CANDAS, PROF DR CEMAL BAYKARA |
| | 0284 : EFFECTS OF DIETHYL ETHER ADDITION TO ISOPROPANOL ISOBUTANOL ETHANOL IBE AND DIESEL FUEL BLENDS ON PERFORMANCE AND EMISSIONS UNDER VARYING LOADS AND SPEEDS STUDENT NURULLAH GULTEKIN, RESEARCH ASSISTANT HALIL ERDI GULCAN, PROF DR MURAT CINIVIZ |
| | 0387 : THE ROLE OF THICKNESS AND POSITION OF PARTIAL METAL FOAM IN JET IMPINGEMENT COOLING MSC STUDENT MELISA ALBAYRAK, RESEARCH ASSISTANT KAYHAN DAGIDIR, ASSISTANT PROFESSOR BUGRA SARPER |

| | |
|--|--|
| | <p>0258 : NUMERICAL SIMULATION OF THE SYNTHETIC STRAIN ENERGY AND CRACK CHARACTERIZATION PARAMETERS USING THE FEM METHOD OF A TWO DIMENSIONAL MULTI POSITION MODEL ESALEM CITY 2 NO 19 BENTAHAR MOHAMMED, ORAN BENZAAMA HABIB</p> |
| | <p>0377 : COMPARISON OF PLACEMENT HEURISTICS IN SIMULATED ANNEALING FOR THE ONE DIMENSIONAL CUTTING STOCK PROBLEM DR BANU ICMEN ERDEM, PROF DR REFAIL KASIMBEYLI</p> |
| | <p>0368 : INVESTIGATION AND OPTIMIZATION OF THE EFFECT OF ANHYDROUS BORAX MINERAL ON THE VICKERS HARDNESS AND INDENTATION MODULUS VALUES OF IRON MATERIAL ASSISTANT PROFESSOR SENOL SAHIN, RESEARCH ASSISTANT AYSEGUL BODUR YILMAZ, MECHANICAL ENGINEER TALHA TUNAHAN KESEMENLI</p> |
| | <p>0280 : A CASE STUDY FOR VALIDATION OF KP505 PROPELLER OPEN WATER CHARACTERISTICS VIA COMPUTATIONAL FLUID DYNAMICS MECHANICAL ENGINEER MUHAMMED CINAR, MECHANICAL ENGINEER HAKAN UCAR, PROFESSOR FERHAT DIKMEN</p> |
| | <p>0301 : INVESTIGATION OF THE EFFECTS OF ETHANOL ISOPROPANOL ISOBUTANOL AND DIETHYL ETHER ADDITIVES ADDED TO DIESEL FUEL ON ENGINE VIBRATION AND NOISE IN A SINGLE CYLINDER COMPRESSION IGNITION ENGINE DR MURAT CINIVIZ, OGR GOR NURULLAH GULTEKIN, ARS GOR HALIL ERDI GULCAN</p> |
| | <p>0342 : DESIGN OF A SINGLE MOTOR BASED BACKDRIVABLE CABLE PULLEY SYSTEM FOR A CURVED RAIL MECHANISM M SC MEHMET ERDEN, B SC CAN TEZEL, ASSOC PROF DR GOKHAN BAYAR</p> |

Session 9 : 19.11.2022 - Saturday (09:00 - 10:30)

| | |
|-----------------|--|
| | <p>Chair : Ali Senol</p> |
| | <p>0248 : AN EMPIRICAL ANALYSIS OF HOW USERS WITH DIFFERENT GENDERS ARE NOT EQUALLY AFFECTED BY THE RECOMMENDATIONS DR EMRE YALCIN</p> |
| | <p>0293 : ANALYSIS OF DRYING CHARACTERISTICS OF DRIED DAMSON PLUM BY MICROWAVE DRYING DR NECATI CETIN, STUDENT BERFIN ALSAN, STUDENT SANIYE IVECAN</p> |
| | <p>0294 : THE EFFECT OF GRADUALLY INCREASING MICROWAVE POWER ON THE DRYING KINETICS COLOR PARAMETERS AND ENERGY ASPECTS OF CARROTS DR NECATI CETIN, PHD CANDIDATE SEDA GUNAYDIN</p> |
| Virtual Hall II | <p>0317 : WORD CLOUD IMPROVEMENTS WITH NATURAL LANGUAGE PROCESSING TECHNIQUES FOR TURKISH LANGUAGE SENIOR SOFTWARE ENGINEER ANIL ATVAR, VP OF R D PH D MUSTAFA ERSAHIN</p> |
| | <p>0217 : DETECTION OF SUSPICIOUS ACTIVITIES ON WINDOWS SYSTEMS WITH LOG ANALYSIS B S ALI OZTURK, PHD EYUP EMRE ULKU</p> |
| | <p>0255 : VOICE CONTROL OF VIRTUAL OBJECTS IN AUGMENTED REALITY APPLICATIONS COMPUTER ENGINEER TUBA EMEKLI COBAN, ASSOC PROF DR ALI OZTURK</p> |
| | <p>0214 : A PERFORMANCE WAY COMPARISON OF DOCKER SWARM AND KUBERNETES B S ONUR YURTSEVER, PHD EYUP EMRE ULKU</p> |
| | <p>0380 : A BORDA COUNT BASED INITIALIZATION METHOD FOR SELF ORGANIZING MAPS MRS SUMEYRA SENOL, DR FIRAT ISMAILOGLU</p> |
| | <p>0412 : COMPARISON OF FEATURE SELECTION METHODS IN THE ASPECT OF PHISHING ATTACKS ASSIST PROF DR ALI SENOL</p> |

Session 10 : 19.11.2022 - Saturday (10:45 - 12:15)

| | |
|--|----------------------------------|
| | <p>Chair : Hussein Al Bayaty</p> |
|--|----------------------------------|

| | |
|-------------------|---|
| Virtual Hall I | 0246 : ISM 2 4 GHZ BAND ANTENNA DESIGN FOR RF ENERGY HARVESTING SYSTEMS RESEARCH ASSISTANT CEM GOCEN, RESEARCH ASSISTANT ISMAIL AKDAG, ASSOCIATE PROFESSOR MEHMET ALI BELEN, ASSOCIATE PROFESOR PEYMAN MAHOUTI, PROF DR ADNAN KAYA, ASSOCIATE PROFESOR MERIH PALANDOKEN |
| | 0260 : A TECHNICAL EVALUATION OF THE PERFORMANCE ANALYSIS OF BAYBURT SOLAR POWER PLANT USING HELIOSCOPE SOFTWARE AND ACCORDING TO IEC 61724 ASSOCIATE PROF DR MUSTAFA ENGIN BASOGLU, MASTER DEGREE BADEL KOCAGOZ DEMIR |
| | 0304 : DESIGN OF A CMOS OPERATIONAL TRANSCONDUCTANCE AMPLIFIER FOR CURRENT CONTROLLED 2ND ORDER ACTIVE FILTER DESIGN DR SERHAN YAMAÇLI |
| | 0311 : DIGITAL CURRENCY TIME SERIES PREDICTION BASED ON FINANCIAL SIGNAL PROCESSING ANT COLONY OPTIMIZATION AND MACHINE LEARNING TECHNIQUES DR SECKIN KARASU, DR NEDIM AKTAN YALCIN |
| | 0174 : AN APPROACH FOR REDUCING TORQUE RIPPLES ON PERMANENT MAGNET SYNCHRONOUS MOTORS SLITTED STATOR CORE ASST PROF DR MURAT TEZCAN |
| | 0385 : A DESIGN STUDY FOR MEMS COMB DRIVE RESONATOR ASSIST PROF DR SERDAR TEZ |
| | 0390 : MATHEMATICAL MODELING AND SIMULATION OF SOLAR PHOTOVOLTAIC MODULE IN MATLAB SIMULINK DR MUSTAFA SACID ENDIZ |
| | 0411 : PRINCIPLES AND UTILIZATION OF A SINGLE PHASE Z SOURCE INVERTERS DR HUSSEIN AL BAYATY, MRS FIDAN T SEDEEQ, MRS MUNA SUDDEQ KIDER |

Session 10 : 19.11.2022 - Saturday (10:45 - 12:15)

| | |
|--------------------|--|
| Virtual Hall II | Chair : Burak Kaan Cirpici |
| | 0271 : IMPACT OF AUTONOMOUS VEHICLES ON TRAFFIC EFFICIENCY AND EMISSIONS AT A FREEWAY OFF RAMP RESEARCH ASSISTANT MEHMET NEDIM YAVUZ, PROF DR HALIT OZEN |
| | 0372 : INVESTIGATION OF THE EFFECTS OF LIME SILICA FUME AND FLY ASH ADDITIVES ON THE ATTERBERG LIMITS OF HIGH PLASTICITY CLAY ASST PROF DR ATILA DEMIROZ, PHD STUDENT ONUR SARAN, THESIS STUDENT AHMET ELNOUR ABDALLAH HAMED |
| | 0287 : STRUCTURAL BEHAVIOR OF STEEL BOLTED CONNECTIONS HAVING DIFFERENT TYPES OF CORROSION DAMAGE RESEARCH ASSISTANT YASIN DUYSAK, ASSOCIATE PROFESSOR GUNNUR YAVUZ |
| | 0376 : STRUCTURAL AND FIRE PERFORMANCE OF COMPOSITE SLAB SYSTEMS PROTECTED BY INTUMESCENT COATING DR BURAK KAAAN CIRPICI, MR MELIH ERMANCIK |
| | 0215 : CONSTRUCTION KNOWHOW AND CONDITIONS DUE TO STRUCTURAL AND ARCHITECTURAL RESTORATION OF A HISTORICAL TOWN CENTER INN PROF DR ALI IHSAN UNAY, DR ILHAN OKAN YAZGAN |
| | 0323 : EXAMINATION OF THE VERTICAL EARTHQUAKE FORCE ON A SAMPLE BUILDING WITH DIFFERENT OUTPUTS ACCORDING TO TEC 2018 CIVIL ENGINEER FATMA BUSRA SELVI AKAY, ASSOC PROF DR ALPTUG UNAL, ASST PROF DR MUSTAFA KOCER |
| | 0394 : AN ASSESSMENT ON THE FACTORS AFFECTING THE CONSTRUCTION SECTOR IN THE LIGHT OF CURRENT DEVELOPMENTS ASSOC PROF DR ISMAIL CENGİZ YILMAZ, DR HAMDİ TEKİN |
| | 0299 : EVALUATION OF DIFFERENT MESH TYPES OF STEEL ROOF TRUSSES ACCORDING TO AISC360 16 CODE |

RESEARCH ASSISTANT HILMI ARISOY, ASSOCIATE PROFESSOR GUNNUR YAVUZ

Session 11 : 19.11.2022 - Saturday (13:00 - 18:00)

| | |
|---|--|
| Virtual Hall I | Chair : Abdulkadir Saday |
| | 0135 : MOVING THE TEACHING FROM TRADITIONAL CLASS TO LEARNING MANAGEMENT SYSTEM HELPING STUDENTS LEARN FROM HOME MSC BESNIK DURIQI, FULL PROFESSOR ARTAN LUMA, ASSISTANT PROFESSOR YLBER JANUZAJ, FULL PROFESSOR HALIL SNOPCE, FULL PROFESSOR AZIR ALIU |
| | 0308 : CLASSIFICATION OF DOG BREEDS WITH DEEP LEARNING ASSISTANT YUSUF ERYESIL, ASSISTANT PROFESSOR DOCTOR KUBRA UYAR, ASSOCIATE PROFESSOR DOCTOR HUMAR KAHRAMANLI ORNEK, PROFESSOR DOCTOR SAKIR TASDEMIR |
| | 0136 : OPEN DATA IN EDUCATION A SYSTEMATIC REVIEW PHD CANDIDATE ARBNOR RUSHITI, FULL PROFESSOR ARTAN LUMA, ASSISTANT PROFESSOR YLBER JANUZAJ, FULL PROFESSOR AZIR ALIU, FULL PROFESSOR HALIL SNOPCE |
| | 0134 : COMMON CYBER OPERATIONS INCIDENTS OF MAJOR COUNTRIES SPONSORING ATTACKS PHD CANDIDATE LUAN GASHI, FULL PROFESSOR ARTAN LUMA, ASSISTANT PROFESSOR YLBER JANUZAJ |
| | 0210 : MACHINE LEARNING BASED DECISION SUPPORT SYSTEM FOR PULMONARY TUBERCULOSIS DIAGNOSIS STUDENT HUSEYIN ERDOGAN, STUDENT HATICE IREM GUL, STUDENT MUHAMMED BUGRA AYHAN, STUDENT BEDIRHAN HASANCEBI, STUDENT MUHAMMET DOGUKAN DEGERLI, ASSOCIATE PROFESSOR MUHAMMED KURSAT UCAR |
| | 0326 : USAGE AND PERFORMANCE COMPARISONS OF MACHINE LEARNING METHODS FOR TEXT CLASSIFICATION SENIOR SOFTWARE ENGINEER HASAN AKYOL, VP OF R D PH D MUSTAFA ERSAHIN |
| | 0133 : THE IMPACT OF RESEARCH AND CITATIONS ON WORLD RANKINGS OF COUNTRIES WITH THE BEST UNIVERSITIES PHD CANDIDATE LUAN GASHI, FULL PROFESSOR ARTAN LUMA, ASSISTANT PROFESSOR YLBER JANUZAJ |
| | 0241 : CLASSIFICATION OF UPPER EXTREMITY BONES WITH ENSEMBLE MACHINE LEARNING METHODS BY CNN BASED FEATURE EXTRACTION RESEARCH ASSISTANT MUSTAFA YURDAKUL, RESEARCH ASSISTANT SUMEYRA BUSRA SENGUL, ASSISTANT PROFESSOR ENES AYAN, PROFESSOR SAKIR TASDEMIR |
| | 0409 : ANALYSIS OF DATA SECURITY AND PRIVACY IN PUBLIC INSTITUTIONS ACCORDING TO GDPR IN THE REPUBLIC OF KOSOVO LECTURE ELISSA MOLLAKUQE, LECTURE SAMIR JAKUPI, LECTURE NIDA SANTURI FISHEKQIU, LECTURE ERSAN HAMDUI |
| | 0415 : DATA SECURITY ANALYSIS BASED ON DATA CLASSIFICATION ACCORDING TO DATA SENSITIVITY CASE STUDY DATA ON PUBLIC AND PRIVATE UNIVERSITIES IN THE REPUBLIC OF KOSOVO LECTURE ELISSA MOLLAKUQE, PROFESSOR VESNA DIMITROVA |
| | 0123 : PERFORMANCE ANALYSIS OF GENETIC ALGORITHM FOR PREDICTING THE TREATMENT OUTCOME OF HIGH INTENSITY FOCUSED ULTRASOUND ABLATION OF UTERINE FIBROIDS MS EMINE AKPINAR, DR BILGIN KESERCI |
| | 0124 : THE ROLE OF LSTM RECURRENT NEURAL NETWORK WITH MULTIPARAMETRIC MRI PARAMETERS FOR DIFFERENTIATING PEDIATRIC POSTERIOR FOSSA TUMORS CEREBELLAR MEDULLOBLASTOMA EPENDYMOMA PILOCYTIC ASTROCYTOMA AND BRAINSTEM GLIOMA MS EMINE AKPINAR, DR NGUYEN MINH DUC, DR BILGIN KESERCI |
| | 0337 : INCREASING THE VERTICAL LOAD CAPACITY OF REINFORCED CONCRETE WAFFLE SLABS WITH VARYING OPEATING LOADS USING CFRP DR LECTURER AHMET BAL |
| 0343 : PRELIMINARY INVESTIGATION ON THE SYNTHESIS OF HEXABORON MONOXIDE MS TUBA KARAMETE, DR HULYA BICER, DR CAGAN BERKER IYI | |

| | |
|--|---|
| | <p>0278 : MODELING OF DYNAMIC TESTING OF STEERING SYSTEM TIE ROD ASSEMBLY USING HYDRAULIC SYSTEM ELECTRICAL AND ELECTRONICS ENGINEER SELIM SEFA BAYSAL, ASSOC PROF DR BAYRAM AKDEMIR</p> |
| | <p>0149 : THE CHARACTERIZATION OF ELECTROSPUN PANI PEO NANOFIBERS AT DIFFERENT ELECTROSPINNING CONDITIONS AT ROOM TEMPERATURE DR GOZDE KONUK EGE, DR OZGE AKAY, DR HUSEYIN YUCE</p> |
| | <p>0155 : ANALYTICAL AND NUMERICAL STUDY OF THE BEHAVIOR OF PILES SUBJECTED TO STATIC AND DYNAMIC LOADING ANALYTICAL AND NUMERICAL STUDY OF THE BEHAVIOR OF PILES SUBJECTED TO STATIC AND DYNAMIC LOADING KHILOUN NAIR</p> |
| | <p>0177 : INVESTIGATION OF STIRRING SPEED ON FLOTATION FOR ENRICHMENT OF POLYAK EYNEZ LIGNITE COAL MSC DUYGU CEVIK, ASC BURCU PALAS, ASS PROF DR GULIN ERSOZ</p> |
| | <p>0341 : ANTI SWAY CONTROL OF A GANTRY CRANE SYSTEM USING GENETIC ALGORITHM TUNED MODEL PREDICTIVE CONTROLLER B SC CAN TEZEL, ASSOC PROF DR GOKHAN BAYAR</p> |
| | <p>0416 : REDUCED DIFFERENTIAL TRANSFORM METHOD WITH FIXED GRID SIZE FOR SOLVING GAOUSAT PROBLEM ASST PROF DR SEMA SERVI</p> |
| | <p>0347 : DESIGN AND DEVELOPMENT OF SMART CONTRACT FOR PUBLIC ADMINISTRATION FOCUSED ON REAL ESTATE CERTIFICATES MANAGEMENT BY USING ETHEREUM AND IPFS MR ADMIRIM ALITI, PHD MARIKA APOSTOLOVA, PHD ARTAN LUMA</p> |

Session 11 : 19.11.2022 - Saturday (13:00 - 18:00)

| | |
|--|---|
| | <p>Chair : Nor El Houda Khanfri</p> |
| | <p>0148 : ASPECTS REGARDING THE OPTIMISATION OF AN ENERGY SYSTEM FOR A UAV DESIGNED FOR LONG TERM MONITORING MISSIONS MR ANDREI BUZDUGAN, DR FLORIN MINGIREANU, DR NICOLAE JULA, MR MIHAI DRAGU</p> |
| | <p>0283 : AN INVESTIGATION ON THE USE OF MULTI ROTOR UAVS IN MEASURING RADIATION AROUND NUCLEAR FACILITIES DR NIHAT CABUK</p> |
| | <p>0150 : EXPERIMENTAL INVESTIGATION OF THE USABILITY OF FOSSIL FUEL ENGINES IN ROTARY WING UAVS DR NIHAT CABUK, DR VELI BAKIRCIOGLU, DR BARIS OZLU</p> |
| | <p>0349 : PRODUCTION AND CHARACTERIZATION OF SCOTCH PINE POWDER ADDITIVE PLA COMPOSITES FOR FOOD PACKAGING PHD CANDIDATE HAZAL YILMAZ DOGAN, MASTER STUDENT KUBRA ASLAN, ASSISTANT PROFESSOR SEYMA DUMAN</p> |
| | <p>0244 : INVESTIGATION OF ENERGY SUPPLY OF A RESIDENTIAL AREA FROM RENEWABLE ENERGY SOURCES THE CASE OF OUR CITY KONYA PROJECT ASSOC PROF DR FARUK KOSE, ASSIST PROF DR ILHAN KOC</p> |
| | <p>0327 : MICROSTRUCTURE AND MECHANICAL PROPERTIES OF FUNCTIONALLY GRADED FLG REINFORCED AL 6ZN BY POWDER METALLURGY RESEARCH ASSISTANT GOKCE BORAND, PROFESSOR DOCTOR DENIZ UZUNSOY</p> |
| | <p>0351 : A STUDY ON NANOBEAM WITH SPRING DR BURAK EMRE YAPANMIS</p> |
| | <p>0352 : INVESTIGATION OF CLASSIC AND NON CLASSIC FUNCTIONALLY GRADED BEAMS MODEL DR BURAK EMRE YAPANMIS, ASSOC PROF DR SULEYMAN MURAT BAGDATLI</p> |
| | <p>0230 : BIOMASS ENERGY POTENTIAL ITS CURRENT USAGE STATUS AND DEVELOPMENTS IN BIOMASS ENERGY PRODUCTION SYSTEMS IN TURKEY ASSOC PROF DR FARUK KOSE, PHD STUDENT SULEYMAN KOSE</p> |

Virtual
Hall II

| |
|--|
| <p>0277 : DETERMINATION OF THE SAR VALUES OF THE ELECTROMAGNETIC FIELD EMITTED FROM THE PATCH ANTENNAS AT 900 MHZ AND 1800 MHZ FREQUENCIES DR UGUR SORGUCU</p> |
| <p>0378 : NUMERICAL ANALYSIS OF RIM DRIVEN MARINE PROPELLER MR GOKHAN YILDIZ, MR OKAN KARTAL, DR HAVVA DEMIRPOLAT</p> |
| <p>0161 : ENSURING BUSH DEBURRING OPERATION PROCESS TRACEABILITY AND AUTOMATIC PROCESS CONTROL ELECTRICAL ELECTRONICS ENGINEER MUHAMMED ABDULLAH OZEL, ELECTRICAL ELECTRONICS ENGINEER SELIM SEFA BAYSAL, PROF DR MUSTAFA ACARER</p> |
| <p>0242 : LOW COST ENERGY MANAGEMENT SYSTEM IN HOMES MR FURKAN ACUN, PROF DR MEHMET CUNKAS</p> |
| <p>0171 : LEVULINIC ACID PRODUCTION BY CATALYTIC DECOMPOSITION OF FRUCTOSE GLUCOSE AND CELLULOSE MR CHINGIZ NASIRLI, ASSIST PROF DR NIHAL CENGIZ, PROF DR LEVENT BALLICE</p> |
| <p>0139 : TOWARDS AN EFFICIENT MAINTENANCE MANAGEMENT PLAN DR NOR EL HOUDA KHANFRI, DR NOUARA OUAZRAOUI, DR ANTAR SI MOHAMMED, DR HAFED TOUAHAR</p> |
| <p>0281 : INVESTIGATION OF PHOTOCATALYTIC EFFECT IN TABLEWARE GLAZES STUDENT GULSAH SATIR, ASSOC PROF DR BILGE YAMAN ISLAK</p> |
| <p>0321 : DEVELOPMENT AND CHARACTERIZATION OF DUAL ACTIVE MATERIAL CATHODES FOR SECONDARY LITHIUM ION BATTERIES MSC EZGI YILMAZ, ASSOCIATE PROFESSOR ONCU AKYILDIZ</p> |
| <p>0336 : DESIGNED ACCORDING TO TDY1975 RETROFITTED ACCORDING TO TDY1998 COMPARED EARTHQUAKE PERFORMANCE OF EXISTING PREFABRICATED CONCRETE INDUSTRIAL STRUCTURE ACCORDING TO TDY2007 AND TBDY2018 PHD STUDENT CEMIL OZKAN, DR LECTURER AHMET BAL, MSC STUDENT SELIN KOCA</p> |
| <p>0153 : A NUMERICAL APPROACH FOR MODELING THE SHUNT DAMPING OF THIN PANELS WITH ARRAYS OF SEPARATELY PIEZOELECTRIC PATCHES DR PEYMAN LAHE MOTLAGH, MR MUSTAFA KEMAL ACAR</p> |
| <p>0279 : EXPERIMENTS AND SIMULATIONS OF A LIQUID CONTAMINANT PROPAGATION IN A VEGETATED BOTTOM CHANNEL DOCTOR ROMDHANE HELA, PROFESSOR SOUALMIA AMEL</p> |
| <p>0183 : A REVIEW ON DEEP LEARNING BASED METHODS DEVELOPED FOR LUNG CANCER DIAGNOSIS MRS TURKAN BEYZA KARA, DR AHMET CEVAHIR CINAR</p> |