

Prof. MEHMET KEMAL LEBLEBİCİOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-4543-2020

ScopusID: 6603785960

Yoksis Researcher ID: 125952

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (Dr), Turkey
1982 - 1988

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (Dr),
Turkey 1980 - 1982

Undergraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü,
Turkey 1974 - 1979

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics
Engineering, 1999 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics
Engineering, 1993 - 1999

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics
Engineering, 1988 - 1993

Advising Theses

LEBLEBİCİOĞLU M. K., Design, modeling, and optimal control allocation of a heavy-lift aerial vehicle consisting of large

and small tilt-rotors, Doctorate, G.ÖZDOĞAN(Student), 2021

LEBLEBİCİOĞLU M. K., Flight control system design of an uncommon quadrotor aerial vehicle, Doctorate, M.BASKIN(Student), 2021

LEBLEBİCİOĞLU M. K., Midcourse and final phase path planning for air vehicles to avoid countermeasures, Postgraduate, B.ATAELİ(Student), 2021

LEBLEBİCİOĞLU M. K., Mathematical model and autopilot design of a twin engine jet plane, Postgraduate, H.CANSU(Student), 2020

LEBLEBİCİOĞLU M. K., Docking Problems Of Sea Surface Vehicles, Postgraduate, İ.ÇAĞDAŞ(Student), 2019

LEBLEBİCİOĞLU M. K., Power stabilization of diode pumped solid state lasers by means of adaptive control of drive current, Postgraduate, T.ŞENTÜRK(Student), 2019

LEBLEBİCİOĞLU M. K., Design of kalman filter based attitude determination and control algorithms for a LEO satellite, Postgraduate, G.EFENDIOĞLU(Student), 2019

LEBLEBİCİOĞLU M. K., Dynamic modelling and control of a gimbaled airborne antenna platform with mass unbalance and friction, Postgraduate, T.KOBAL(Student), 2018

LEBLEBİCİOĞLU M. K., Multi shooter localization with acoustic sensors, Postgraduate, Ç.AKMAN(Student), 2017

LEBLEBİCİOĞLU M. K., Detailed modeling and control of a 2-DOF gimbal system, Postgraduate, E.POYRAZOĞLU(Student), 2017

LEBLEBİCİOĞLU M. K., Time series on Riemannian manifolds, Doctorate, H.ERGEZER(Student), 2017

LEBLEBİCİOĞLU M. K., Navigation and system identification of an unmanned underwater survey vehicle, Doctorate, S.KARADENİZ(Student), 2017

LEBLEBİCİOĞLU M. K., ÖZGÖREN M. K., Some optimal control problems in electric vehicles, Doctorate, K.AHISKA(Student), 2016

LEBLEBİCİOĞLU M. K., Underwater gliders: Modeling, control and simulation studies, Postgraduate, S.GÖREN(Student), 2016

LEBLEBİCİOĞLU M. K., YAVRUCUK İ., Control and guidance of a multi-mode unmanned aerial vehicle for increased versatility, Doctorate, F.ÇAKICI(Student), 2016

LEBLEBİCİOĞLU M. K., Design, control, and guidance of a tactical missile with lateral thrusters, Postgraduate, F.KAĞAN(Student), 2015

LEBLEBİCİOĞLU M. K., LQG/LTR, H-infinity and Mu robust controllers design for line of sight stabilization, Postgraduate, M.BASKIN(Student), 2015

LEBLEBİCİOĞLU M. K., Stabilization of an image based tracking system, Postgraduate, İ.ECE(Student), 2015

LEBLEBİCİOĞLU M. K., Seabed mapping using multibeam sonar and combining with former bathymetric data, Postgraduate, F.FURKAN(Student), 2015

LEBLEBİCİOĞLU M. K., Robust flight and landing autopilot /, Postgraduate, O.DURMAZ(Student), 2015

LEBLEBİCİOĞLU M. K., Wing in ground effect vehicle: Modelling and control, Postgraduate, A.GHAFOOR(Student), 2015

LEBLEBİCİOĞLU M. K., System identification and control of a sea surface vehicle, Postgraduate, İ.KAĞAN(Student), 2015

LEBLEBİCİOĞLU M. K., Identification of inertial sensor error parameters, Postgraduate, B.ALTINÖZ(Student), 2015

LEBLEBİCİOĞLU M. K., Navigation and control of an unmanned sea surface vehicle, Postgraduate, M.KUMRU(Student), 2015

LEBLEBİCİOĞLU M. K., Design and control of X5 unmanned aerial robot, Postgraduate, M.EBADOLLAHİ(Student), 2015

LEBLEBİCİOĞLU M. K., Landing autopilot design for an unmanned aerial vehicle /, Postgraduate, A.İLDEN(Student), 2014

LEBLEBİCİOĞLU M. K., System identification and modeling of gyro-stabilized IR/EO gimbal system in frequency domain /, Postgraduate, G.ÖZDOĞAN(Student), 2014

LEBLEBİCİOĞLU M. K., Autopilot design for a quadrotor /, Postgraduate, M.SAMİ(Student), 2014

LEBLEBİCİOĞLU M. K., Sliding mode guidance of an air-to-air missile, Postgraduate, M.ULU(Student), 2013

LEBLEBİCİOĞLU M. K., SARANLI A., Optimal control of a half circular compliant legged monopod, Doctorate, Y.ÖZKAN(Student), 2013

LEBLEBİCİOĞLU M. K., A surface-to-air missile equipped with a tracking based ECCM techniques, Postgraduate, R.YURTTAŞ(Student), 2013

LEBLEBİCİOĞLU M. K., A variable structure-autonomous-interacting multiple model ground target tracking algorithm in dense clutter, Doctorate, G.ALAT(Student), 2013

LEBLEBİCİOĞLU M. K., Path planning and coordinated guidance of multiple unmanned aerial vehicles, Doctorate, H.ERGEZER(Student), 2013

LEBLEBİCİOĞLU M. K., Acoustic tracking of ship wakes, Doctorate, Ç.ÖNÜR(Student), 2013

LEBLEBİCİOĞLU M. K., A Surface-to-air missile equipped with a tracking based ECCM techniques, Postgraduate, R.Yurttaş(Student), 2013

LEBLEBİCİOĞLU M. K., Opti-acoustic stereo imaging, Postgraduate, H.SAÇ(Student), 2012

LEBLEBİCİOĞLU M. K., Autopilot and guidance design for a Mini ROV (Remotely Operated Underwater Vehicle, Postgraduate, F.Yılmaz(Student), 2012

LEBLEBİCİOĞLU M. K., SCHMİDT Ş. E., QoC and QoS bargaining for message scheduling in networked control systems, Doctorate, S.ŞENOL(Student), 2012

LEBLEBİCİOĞLU M. K., Control and guidance of an unmanned sea surface vehicle, Postgraduate, K.Ahıska(Student), 2012

LEBLEBİCİOĞLU M. K., Navigation and path planning of an unmanned underwater vehicle, Postgraduate, U.Doğan(Student), 2012

LEBLEBİCİOĞLU M. K., Development of an autopilot for automatic landing of an unmanned aerial vehicle, Postgraduate, S.ARIBAL(Student), 2011

LEBLEBİCİOĞLU M. K., Multiple hypothesis tracking for multiple visual targets, Postgraduate, B.Türker(Student), 2010

LEBLEBİCİOĞLU M. K., Leblebicioğlu M., Design, modeling, guidance and control of a vertical launch surface to air missile, Postgraduate, R.Tekin(Student), 2010

LEBLEBİCİOĞLU M. K., Modelling and simulation of a wheeled land vehicle, Postgraduate, A.LAFCI(Student), 2010

LEBLEBİCİOĞLU M. K., Decision making system algorithm on menopause data set, Postgraduate, H.ÖZGE(Student), 2010

LEBLEBİCİOĞLU M. K., Angular acceleration assisted stabilization of a-2 DOF gimbal platform, Postgraduate, T.ÖZTÜRK(Student), 2010

LEBLEBİCİOĞLU M. K., Decentralized estimation under communication constraints, Doctorate, M.ÜNEY(Student), 2009

LEBLEBİCİOĞLU M. K., Design and improvement of multi-level decision-making models, Doctorate, U.BELDEK(Student), 2009

LEBLEBİCİOĞLU M. K., Modeling, stability analysis and control system design of a small-sized tiltrotor uav, Postgraduate, F.Çakıcı(Student), 2009

LEBLEBİCİOĞLU M. K., Modelling And Controller Design Of The Gun And Turret System For An Aircraft, Postgraduate, A.MERT(Student), 2009

LEBLEBİCİOĞLU M. K., Image segmentation and smoothing via partial differential equations, Postgraduate, N.ÖZMEN(Student), 2009

LEBLEBİCİOĞLU M. K., Efficient solution of optimization problems with constraints and/or cost functions expensive to evaluate, Postgraduate, A.GÖKHAN(Student), 2009

LEBLEBİCİOĞLU M. K., Image segmentation based on variational techniques, Postgraduate, M.BURAK(Student), 2009

LEBLEBİCİOĞLU M. K., Light flicker evaluation of electric arc furnaces based on novel signal processing algorithms, Postgraduate, N.KÖSE(Student), 2009

LEBLEBİCİOĞLU M. K., ERTAN H. B., A control algorithm to minimize torque ripple and acoustic noise of switched reluctance motors, Doctorate, E.BİZKEVELCİ(Student), 2008

LEBLEBİCİOĞLU M. K., Dynamic weapon-target assignment problem, Postgraduate, E.Günsel(Student), 2008

LEBLEBİCİOĞLU M. K., Towards the enhancement of biped locomotion and control techniques, Doctorate, B.YÜKSEL(Student), 2008

LEBLEBİCİOĞLU M. K., A rule based missile evasion method for fighter aircrafts, Postgraduate, M.Sert(Student), 2008

LEBLEBİCİOĞLU M. K., Autopilot and guidance for anti-tank imaging infrared guided missiles, Postgraduate, A.ERDEM(Student), 2008

LEBLEBİCİOĞLU M. K., Intelligent search and algorithms for optimal assignment of air force resources in operations, Postgraduate, E.Rızvanoğlu(Student), 2008

LEBLEBİCİOĞLU M. K., Multiple target tracking using multiple cameras, Postgraduate, M.Yılmaz(Student), 2008

LEBLEBİCİOĞLU M. K., ÇOK NAMLULU ROKETATAR BİRLİKLERİNİN İLAVE MÜHİMMAT DEPO YERLERİNİN TESPİTİ İÇİN BİR METOT, Postgraduate, H.ÇAĞRICI(Student), 2007

LEBLEBİCİOĞLU M. K., Araç Rotalama Problemlerinin Çözümüne Bir Yaklaşım, Postgraduate, E.ELDELEKLİ(Student), 2007

LEBLEBİCİOĞLU M. K., Varying mass missile dynamics, guidance and control, Postgraduate, Y.GÜNBATAR(Student), 2007

LEBLEBİCİOĞLU M. K., DURAL ÜNVER M. G., A novel neural network based approach for direction of arrival estimation, Doctorate, S.ÇAYLAR(Student), 2007

LEBLEBİCİOĞLU M. K., Varying mass missile dynamics, guidance & control, Postgraduate, Y.Günbatar(Student), 2007

LEBLEBİCİOĞLU M. K., 3D synthetic human face modelling tool based on T-spline surfaces, Postgraduate, A.AYDOĞAN(Student), 2007

LEBLEBİCİOĞLU M. K., Development and comparison of autopilot and guidance algorithms for missiles, Postgraduate, Ç.EVCİMEN(Student), 2007

LEBLEBİCİOĞLU M. K., Autopilot design and guidance control of ulisar uuv (unmanned underwater vehicle), Postgraduate, K.Isiyel(Student), 2007

LEBLEBİCİOĞLU M. K., Visual detection and tracking of moving objects, Postgraduate, H.ERGEZER(Student), 2007

LEBLEBİCİOĞLU M. K., Image segmentation based on variational techniques, Postgraduate, A.DURAMAZ(Student), 2006

LEBLEBİCİOĞLU M. K., Autopilot and guidance algorithms for infrared guided missiles, Postgraduate, K.ÇAĞLAR(Student), 2006

LEBLEBİCİOĞLU M. K., Six-legged walking machine: The robot-EA308, Doctorate, M.SUPHİ(Student), 2006

LEBLEBİCİOĞLU M. K., Routing optimization methods for communication networks, Postgraduate, A.EMRAH(Student), 2005

LEBLEBİCİOĞLU M. K., Dinamik mühimmat ikmal sistemi optimizasyon çalışması, Postgraduate, Y.AKARDERE(Student), 2005

LEBLEBİCİOĞLU M. K., Fault detection and diagnosis in nonlinear dynamical systems, Doctorate, E.KILIÇ(Student), 2005

LEBLEBİCİOĞLU M. K., Harekât alanında muharip jet uçaklarının hava görev emrinin modellenmesi, Postgraduate, T.GÜRDAL(Student), 2005

LEBLEBİCİOĞLU M. K., Target identification using ISAR imaging techniques, Postgraduate, E.LEVENT(Student), 2005

LEBLEBİCİOĞLU M. K., Congestion control for the available bit rate (ABR) service in asynchronous transfer mode (ATM) networks, Postgraduate, H.BOZKURT(Student), 2005

LEBLEBİCİOĞLU M. K., Silah etkinlik katsayılarının bulanık mantık yöntemi ile tespit edilmesi, Postgraduate, A.ÇAKIR(Student), 2004

LEBLEBİCİOĞLU M. K., Small-size unmanned model helicopter guidance and control, Postgraduate, Ç.KARASU(Student), 2004

LEBLEBİCİOĞLU M. K., TOMAK M., Numerical studies of the electronic properties of low dimensional semikonduktor heterostructures, Doctorate, B.DİKMEN(Student), 2004

LEBLEBİCİOĞLU M. K., Askeri birliklerde personel yeterliliği için bulanık uzman sistem tasarımı, Postgraduate, S.AKBAY(Student), 2004

LEBLEBİCİOĞLU M. K., Performance optimization of monopulse tracking radar, Postgraduate, M.ALPER(Student), 2004

LEBLEBİCİOĞLU M. K., ÖZGEN C., Model predictive control (MPC) performance for controlling reaction systems, Postgraduate, İ.AŞAR(Student), 2004

LEBLEBİCİOĞLU M. K., Göreve yönelik bulanık tabanlı uzman araç alım karar sistemlerinin oluşturulması J. GN. K. lığında örnek bir uygulama, Postgraduate, Ö.İPEK(Student), 2004

LEBLEBİCİOĞLU M. K., Mayın tarlası oluşturma probleminde optimizasyon yaklaşımı, Postgraduate, Y.KÖSEHAN(Student), 2003

LEBLEBİCİOĞLU M. K., Radar target classification based on range profiles and ISAR images, Postgraduate, İ.ÇALIŞKAN(Student), 2003

LEBLEBİCİOĞLU M. K., HALICI U., Active stereo vision: Depth perception for navigation, environmental map formation and object recognition, Doctorate, İ.ULUSOY(Student), 2003

LEBLEBİCİOĞLU M. K., Control actuation systems and seeker units of an air-to-surface guided munition, Postgraduate, E.AKKAL(Student), 2003

LEBLEBİCİOĞLU M. K., ÖZGEN C., Adaptive neuro fuzzy inference system (anfis) applications in chemical processes, Postgraduate, E.GÜNER(Student), 2003

LEBLEBİCİOĞLU M. K., ÖZGEN C., Fuzzy and sliding mode control of a pH neutralization system, Postgraduate, Ü.AKBAY(Student), 2002

LEBLEBİCİOĞLU M. K., A Guidance and control method for a tail controlled bomb, Postgraduate, C.PERKGÖZ(Student),

2002

- LEBLEBİCİOĞLU M. K., A Pursuit evasion game between a missile and an aircraft, Postgraduate, K.DİDEM(Student), 2002
- LEBLEBİCİOĞLU M. K., Modelling the ISE 100 index and the four different types of players: Large-cap, corporate, mid-cap and foreign investors by using fuzzy logic and neuro-fuzzy systems, Postgraduate, H.AKSOY(Student), 2001
- LEBLEBİCİOĞLU M. K., Usage of genetic programming for solving robot navigation and system identification problems, Postgraduate, U.BELDEK(Student), 2001
- LEBLEBİCİOĞLU M. K., HALICI U., An Automated differential blood count system, Doctorate, G.ONGUN(Student), 2001
- LEBLEBİCİOĞLU M. K., Conflict resolution in air traffic management, Postgraduate, M.SUPHİ(Student), 2001
- LEBLEBİCİOĞLU M. K., Some applications of morphological filter design in image processing, Postgraduate, Ö.KARAMEŞE(Student), 2001
- LEBLEBİCİOĞLU M. K., Model predictive control using neural networks applied to flight control, Postgraduate, S.TARKAN(Student), 1999
- LEBLEBİCİOĞLU M. K., Hybrid methods in intelligent control, Postgraduate, T.SERHAT(Student), 1999
- LEBLEBİCİOĞLU M. K., HALICI U., Fractal image compression techniques, Postgraduate, E.GÜRSES(Student), 1999
- LEBLEBİCİOĞLU M. K., Bilinear space /spatial-frequency representations for particle-location analysis of in-line fresnel holograms, Doctorate, M.TANKUT(Student), 1999
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Some sliding mode control applications in brushless DC motor and pH systems, Postgraduate, F.KAFFAŞI(Student), 1999
- LEBLEBİCİOĞLU M. K., Optimal-trajectory tracking guidance of an aircraft with final velocity constraint, Postgraduate, D.ERDOĞMUŞ(Student), 1999
- LEBLEBİCİOĞLU M. K., Fuzzy control of brushless DC motors, Postgraduate, Y.SUBAŞI(Student), 1998
- LEBLEBİCİOĞLU M. K., Initial alignment techniques for strapdown inertial navigation systems, Postgraduate, T.İNİCİ(Student), 1997
- LEBLEBİCİOĞLU M. K., Flight control using neural networks and fuzzy logic, Postgraduate, M.ÖZGÜR(Student), 1997
- LEBLEBİCİOĞLU M. K., Optimum geometry for torque ripple minimization of switched reluctance motors, Postgraduate, F.ŞAHİN(Student), 1996
- LEBLEBİCİOĞLU M. K., Image compression based on a fractal theory of iterated function systems, Postgraduate, R.H. (Student), 1995
- LEBLEBİCİOĞLU M. K., Genetic algorithms and some of their applications, Postgraduate, H.ARIKAN(Student), 1995
- LEBLEBİCİOĞLU M. K., Certain time-frequency representations and their applications, Postgraduate, H.ŞİRİN(Student), 1995
- LEBLEBİCİOĞLU M. K., KUZUOĞLU M., A Four-parameter atomic decomposition and the related time-frequency distribution, Doctorate, A.BULTAN(Student), 1995
- LEBLEBİCİOĞLU M. K., Observer design techniques for non-linear systems, Postgraduate, A.SEVİNÇ(Student), 1995
- LEBLEBİCİOĞLU M. K., Controllability and observability in infinite dimensional systems, Postgraduate, H.SEMİH(Student), 1993
- LEBLEBİCİOĞLU M. K., Solution of field problems by the finite element method, Postgraduate, R.TAŞ(Student), 1993

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of Aerodynamic and Propulsion Models Using the Iterative Equation Error Method**
Millidere M., AKGÜL F., LEBLEBİCİOĞLU M. K., Whidborne J. F.
Aerospace, vol.11, no.1, 2024 (SCI-Expanded)
- II. **A Hierarchical Control Scheme for Trajectory Tracking USVs in Environments with Disturbances and Dynamic Obstacles**
Ahiska K., LEBLEBİCİOĞLU M. K.
IEEE Transactions on Intelligent Vehicles, 2024 (SCI-Expanded)
- III. **Control structure design with constraints for a slung load quadrotor system**
Ergezer H., LEBLEBİCİOĞLU M. K.
MEASUREMENT & CONTROL, vol.57, no.1, pp.16-29, 2024 (SCI-Expanded)

- IV. **Robust Attitude Controller Design for an Uncommon Quadrotor With Big and Small Tilt Rotors**
Baskin M., LEBLEBİCİOĞLU M. K.
JOURNAL OF MECHANISMS AND ROBOTICS-TRANSACTIONS OF THE ASME, vol.15, no.3, 2023 (SCI-Expanded)
- V. **Frequency-Domain Estimation of a Transfer Matrix of an Uncommon Quadrotor in Hover**
Baskin M., LEBLEBİCİOĞLU M. K.
IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, vol.31, no.2, pp.555-569, 2023 (SCI-Expanded)
- VI. **Cooperative Guidance Law for High-Speed and High-Maneuverability Air Targets**
Cevher F. Y., LEBLEBİCİOĞLU M. K.
AEROSPACE, vol.10, no.2, 2023 (SCI-Expanded)
- VII. **Design, Modeling, and Control Allocation of a Heavy-Lift Aerial Vehicle Consisting of Large Fixed Rotors and Small Tiltrotors**
Ozdogan G., LEBLEBİCİOĞLU M. K.
IEEE-ASME TRANSACTIONS ON MECHATRONICS, vol.27, no.5, pp.4011-4021, 2022 (SCI-Expanded)
- VIII. **Modeling and Analysis of Sea-Surface Vehicle System for Underwater Mapping Using Single-Beam Echosounder**
KARTAL S., HACIOĞLU R., Gormus K. S., KUTOĞLU Ş. H., LEBLEBİCİOĞLU M. K.
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.10, no.10, 2022 (SCI-Expanded)
- IX. **Energy and Time Optimal Autopilot for Electric Vehicles Performing Ackerman Cornering**
Ahiska K., ÖZGÖREN M. K., LEBLEBİCİOĞLU M. K.
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, vol.23, no.10, pp.17258-17270, 2022 (SCI-Expanded)
- X. **Determining allowable parametric uncertainty in an uncommon quadrotor model for closed loop stability**
Baskin M., LEBLEBİCİOĞLU M. K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.30, no.3, pp.695-712, 2022 (SCI-Expanded)
- XI. **Energy Optimality in Electric Vehicles Along Uphill-Downhill Roads**
Ahiska K., ÖZGÖREN M. K., LEBLEBİCİOĞLU M. K.
IEEE TRANSACTIONS ON INTELLIGENT VEHICLES, vol.6, no.3, pp.390-405, 2021 (SCI-Expanded)
- XII. **Online path planning for unmanned aerial vehicles to maximize instantaneous information**
Ergezer H., LEBLEBİCİOĞLU M. K.
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.18, no.3, 2021 (SCI-Expanded)
- XIII. **Combined system identification and robust control of a gimbal platform**
Baskin M., LEBLEBİCİOĞLU M. K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.4, pp.2247-2262, 2021 (SCI-Expanded)
- XIV. **Identification of Physical Helicopter Models Using Subspace Identification**
Avcioglu S., KUTAY A. T., Leblebicioglu K.
JOURNAL OF THE AMERICAN HELICOPTER SOCIETY, vol.65, no.2, 2020 (SCI-Expanded)
- XV. **Experimental test of vision-based navigation and system identification of an unmanned underwater survey vehicle (SAGA) for the yaw motion**
Kartal S. K., LEBLEBİCİOĞLU M. K., Ege E.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.41, no.8, pp.2160-2170, 2019 (SCI-Expanded)
- XVI. **Computerized hybrid decision-making system for hormone replacement therapy in menopausal women**
Bacak H. Ö., LEBLEBİCİOĞLU M. K., TANAÇAN A., BEKSAÇ M. S.
TECHNOLOGY AND HEALTH CARE, vol.27, no.1, pp.49-59, 2019 (SCI-Expanded)
- XVII. **Computerized prediction system for the route of delivery (vaginal birth versus cesarean section)**
BEKSAÇ M. S., TANAÇAN A., Bacak H. O., Leblebicioglu K.
JOURNAL OF PERINATAL MEDICINE, vol.46, no.8, pp.881-884, 2018 (SCI-Expanded)

- XVIII. **Time series classification with feature covariance matrices**
Ergezer H., Leblebicioglu K.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.55, no.3, pp.695-718, 2018 (SCI-Expanded)
- XIX. **Experimental test of the acoustic-based navigation and system identification of an unmanned underwater survey vehicle (SAGA)**
KARTAL S., LEBLEBİCİOĞLU M. K., Ege E.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.40, no.8, pp.2476-2487, 2018 (SCI-Expanded)
- XX. **Sensor fusion, sensitivity analysis and calibration in shooter localization systems**
Akman C., Sonmez T., Ozgur O., Basil A. B., LEBLEBİCİOĞLU M. K.
SENSORS AND ACTUATORS A-PHYSICAL, vol.271, pp.66-75, 2018 (SCI-Expanded)
- XXI. **Autopilot Design for Vehicle Cornering Through Icy Roads**
Ahiska K., ÖZGÖREN M. K., LEBLEBİCİOĞLU M. K.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.67, no.3, pp.1867-1880, 2018 (SCI-Expanded)
- XXII. **Computerized prediction system for the route of delivery (vaginal birth versus cesarean section)**
BEKSAÇ M. S., TANAÇAN A., Bacak H. Ö., LEBLEBİCİOĞLU M. K.
Journal Of Perinatal Medicine, 2018 (SCI-Expanded)
- XXIII. **Optimal energy allocation policies for a high altitude flying wireless access point**
Ceran E. T., Erkilic T., UYSAL BIYIKOĞLU E., GİRİCİ T., Leblebicioglu K.
TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, vol.28, no.4, 2017 (SCI-Expanded)
- XXIV. **Robust control for line-of-sight stabilization of a two-axis gimbal system**
Baskin M., Leblebicioglu K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.5, pp.3839-3854, 2017 (SCI-Expanded)
- XXV. **Design and analysis of a mode-switching micro unmanned aerial vehicle**
Cakici F., LEBLEBİCİOĞLU M. K.
INTERNATIONAL JOURNAL OF MICRO AIR VEHICLES, vol.8, no.4, pp.221-229, 2016 (SCI-Expanded)
- XXVI. **State estimation of transient flow in gas pipelines by a Kalman filter-based estimator**
DURGUT İ., LEBLEBİCİOĞLU M. K.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING, vol.35, pp.189-196, 2016 (SCI-Expanded)
- XXVII. **Coordinated guidance for multiple UAVs**
Cakici F., Ergezer H., Irmak U., LEBLEBİCİOĞLU M. K.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.38, no.5, pp.593-601, 2016 (SCI-Expanded)
- XXVIII. **Frequency response function measurement and parametric SISO system modelling of a gyro-stabilized infrared electro optic gimbal system**
Ozdogan G., Leblebicioglu K.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.38, no.5, pp.512-528, 2016 (SCI-Expanded)
- XXIX. **Approximation based curvilinear local search for optimization problems**
Yaman F., YILMAZ A. E., Leblebicioglu K.
ENGINEERING COMPUTATIONS, vol.33, no.2, pp.482-506, 2016 (SCI-Expanded)
- XXX. **2D high-frequency forward-looking sonar simulator based on continuous surfaces approach**
Sac H., Leblebicioglu K., Bozdagi Akar G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, pp.2289-2303, 2015 (SCI-Expanded)
- XXXI. **A new systematic and flexible method for developing hierarchical decision-making models**
BELDEK U., LEBLEBİCİOĞLU M. K.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, no.1, pp.279-297, 2015 (SCI-Expanded)
- XXXII. **Optimal control of a half-circular compliant legged monopod**

- AYDIN Y. O., SARANLI A., YAZICIOĞLU Y., SARANLI U., LEBLEBICIOĞLU K.
CONTROL ENGINEERING PRACTICE, vol.33, pp.10-21, 2014 (SCI-Expanded)
- XXXIII. **A New Method Based on Adaptive Discrete Wavelet Entropy Energy and Neural Network Classifier (ADWEENN) for Recognition of Urine Cells from Microscopic Images Independent of Rotation and Scaling**
Avcı D., LEBLEBİCİOĞLU M. K., POYRAZ M., DOĞANTEKİN E.
JOURNAL OF MEDICAL SYSTEMS, vol.38, no.2, 2014 (SCI-Expanded)
- XXXIV. **Approximating the optimal mapping for weapon target assignment by fuzzy reasoning**
Sahin M. A., Leblebicioglu K.
INFORMATION SCIENCES, vol.255, pp.30-44, 2014 (SCI-Expanded)
- XXXV. **3D Path Planning for Multiple UAVs for Maximum Information Collection**
Ergezer H., Leblebicioglu K.
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.73, pp.737-762, 2014 (SCI-Expanded)
- XXXVI. **Proportional Fair Resource Allocation on an Energy Harvesting Downlink**
Tekbiyik N., GİRİCİ T., UYSAL BIYIKOĞLU E., Leblebicioglu K.
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, vol.12, no.4, pp.1699-1711, 2013 (SCI-Expanded)
- XXXVII. **Path Planning for UAVs for Maximum Information Collection**
Ergezer H., LEBLEBİCİOĞLU M. K.
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, vol.49, no.1, pp.502-520, 2013 (SCI-Expanded)
- XXXVIII. **From classic observability to a simple fuzzy observability for fuzzy discrete-event systems**
KILIÇ E., Leblebicioglu K.
INFORMATION SCIENCES, vol.187, pp.224-232, 2012 (SCI-Expanded)
- XXXIX. **INtERCEDE: An algorithmic approach to networked control system design**
Senol S., Leblebicioglu K., Schmidt E. G.
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol.34, no.4, pp.1326-1341, 2011 (SCI-Expanded)
- XL. **Kalman filtering based approach for light flicker evaluation of power systems**
Kose N., Salor O., Leblebicioglu K.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.5, no.1, pp.57-69, 2011 (SCI-Expanded)
- XLI. **A Complexity-Reduced ML Parametric Signal Reconstruction Method**
Deprem Z., Leblebicioglu K., ARIKAN O., ÇETİN A. E.
EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, 2011 (SCI-Expanded)
- XLII. **Interharmonics analysis of power signals with fundamental frequency deviation using Kalman filtering**
Köse N., Salor O., LEBLEBİCİOĞLU M. K.
ELECTRIC POWER SYSTEMS RESEARCH, vol.80, no.9, pp.1145-1153, 2010 (SCI-Expanded)
- XLIII. **Neural network method for direction of arrival estimation with uniform cylindrical microstrip patch array**
Caylar S., Dural G., Leblebicioglu K.
IET MICROWAVES ANTENNAS & PROPAGATION, vol.4, no.2, pp.153-161, 2010 (SCI-Expanded)
- XLIV. **Local decision making and decision fusion in hierarchical levels**
BELDEK U., LEBLEBİCİOĞLU M. K.
TOP, vol.17, no.1, pp.44-69, 2009 (SCI-Expanded)
- XLV. **Free gait generation with reinforcement learning for a six-legged robot**
Erden M. S., Leblebicioglu K.
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.56, no.3, pp.199-212, 2008 (SCI-Expanded)
- XLVI. **Analysis of wave gaits for energy efficiency**
Erden M. S., Leblebicioglu K.
AUTONOMOUS ROBOTS, vol.23, no.3, pp.213-230, 2007 (SCI-Expanded)
- XLVII. **High-frequency loss calculation in a smooth rotor induction motor using FEM**
Ertan H. B., Leblebicioglu K., Avenoglu B., Pirgaip M.
IEEE TRANSACTIONS ON ENERGY CONVERSION, vol.22, no.3, pp.566-575, 2007 (SCI-Expanded)

- XLVIII. Torque distribution in a six-legged robot**
Erden M. S., Leblebicioglu K.
IEEE TRANSACTIONS ON ROBOTICS, vol.23, no.1, pp.179-186, 2007 (SCI-Expanded)
- XLIX. Strategy creation, decomposition and distribution in particle navigation**
Beldek U., Leblebicioglu K.
INFORMATION SCIENCES, vol.177, no.3, pp.755-770, 2007 (SCI-Expanded)
- L. A new neural network approach to the target tracking problem with smart structure**
Caylar S., Leblebicioglu K., Dural G.
RADIO SCIENCE, vol.41, no.5, 2006 (SCI-Expanded)
- LI. Refining the progressive multiple sequence alignment score using genetic algorithms**
Ergezer H., Leblebicioglu K.
ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS, vol.3949, pp.177-184, 2006 (SCI-Expanded)
- LII. Fault diagnosis with dynamic fuzzy discrete event system approach**
Kilic E., Karasu C., Leblebicioglu K.
ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS, vol.3949, pp.117-124, 2006 (SCI-Expanded)
- LIII. State estimator design for multicomponent batch distillation columns**
Yildiz U., Gurkan U., Ozgen C., Leblebicioglu K.
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.83, pp.433-444, 2005 (SCI-Expanded)
- LIV. Artificial neural network estimator design for the inferential model predictive control of an industrial distillation column**
Bahar A., Ozgen C., Leblebicioglu K., Halici U.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.43, no.19, pp.6102-6111, 2004 (SCI-Expanded)
- LV. Time-frequency analysis of visual evoked potentials for interhemispheric transfer time and proportion in callosal fibers of different diameters**
ULUSOY PARNAS İ., HALICI U., NALÇACI E., ANAÇ İ., LEBLEBİCİOĞLU M. K., EROĞLU C.
BIOLOGICAL CYBERNETICS, vol.90, no.4, pp.291-301, 2004 (SCI-Expanded)
- LVI. Multi-agent system-based fuzzy controller design with genetic tuning for a mobile manipulator robot in the hand over task**
Erden M., Leblebicioglu K., Halici U.
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.39, no.3, pp.287-306, 2004 (SCI-Expanded)
- LVII. Application of genetic algorithms to geometry optimization of microclusters: A comparative study of empirical potential energy functions for silicon**
Erkoc S., Leblebicioglu K., Halici U.
MATERIALS AND MANUFACTURING PROCESSES, vol.18, no.3, pp.329-339, 2003 (SCI-Expanded)
- LVIII. Infinite dimensional Hopfield neural networks**
Leblebicioglu K., Halici U., Celebi O.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.47, no.9, pp.5807-5813, 2001 (SCI-Expanded)
- LIX. Optimum geometry for torque ripple minimization of switched reluctance motors**
Sahin F., Ertan H., Leblebicioglu K.
IEEE TRANSACTIONS ON ENERGY CONVERSION, vol.15, no.1, pp.30-39, 2000 (SCI-Expanded)
- LX. Use of computationally efficient method of moments in the optimization of printed antennas**
Alatan L., Aksun M., Leblebicioglu K., Birand M.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.47, no.4, pp.725-732, 1999 (SCI-Expanded)
- LXI. Electromagnetic Target Classification using time frequency analysis and neural networks**
SAYAN G., LEBLEBİCİOĞLU M. K., İNCE T.
Microwave And Optical Technology Letters, vol.21, pp.63-69, 1999 (SCI-Expanded)
- LXII. Pattern recognition in bistable networks**
Chinarov V., Halici U., Leblebicioglu K.
Proceedings of SPIE - The International Society for Optical Engineering, vol.3722, pp.457-463, 1999 (SCI-Expanded)
- LXIII. Input signal shaping for target identification using genetic algorithms**

- SAYAN G., LEBLEBİCİOĞLU M. K., İNAN S.
Microwave And Optical Technology Letters, vol.17, pp.128-132, 1998 (SCI-Expanded)
- LXIV. **Design optimization of variable frequency driven three-phase induction motors**
Ertan B., Leblebicioglu K., Simsir B., Hamarat S., Cekic A., Pirgaip M.
COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING, vol.17, pp.135-140, 1998 (SCI-Expanded)
- LXV. **Infinite dimensional radial basis function neural networks for nonlinear transformations on function spaces**
Leblebicioglu K., Halici U.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.30, no.3, pp.1649-1654, 1997 (SCI-Expanded)
- LXVI. **Kalman-filter-based observer design around optimal control policy for gas pipelines**
Durgut İ., Leblebicioglu K.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, vol.24, no.2, pp.233-245, 1997 (SCI-Expanded)
- LXVII. **Infinite-dimensional multilayer perceptrons**
Kuzuoglu M., Leblebicioglu K.
IEEE TRANSACTIONS ON NEURAL NETWORKS, vol.7, no.4, pp.889-896, 1996 (SCI-Expanded)
- LXVIII. **Optimal control of gas pipelines via infinite-dimensional analysis**
Durgut İ., Leblebicioglu K.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, vol.22, no.9, pp.867-879, 1996 (SCI-Expanded)
- LXIX. **Optimum geometry for torque ripple minimization of switched reluctance motors**
Sahin F., Ertan H., Leblebicioglu K.
COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING, vol.14, no.4, pp.117-121, 1995 (SCI-Expanded)
- LXX. **A METHOD FOR COMPARATIVE-EVALUATION OF EIT ALGORITHMS USING A STANDARD DATA SET**
IDER Y., EYUBOGLU B. M., KUZUOGLU M., LEBLEBICIOGLU K., BAYSAL U., CAGLAR B., BIRGUL O.
PHYSIOLOGICAL MEASUREMENT, 1995 (SCI-Expanded)
- LXXI. **ANALYTIC AND SEMIANALYTIC SOLUTIONS IN ELECTRICAL-IMPEDANCE TOMOGRAPHY .1. 2-DIMENSIONAL PROBLEMS**
PIDCOCK M., KUZUOĞLU M., LEBLEBİCİOĞLU M. K.
PHYSIOLOGICAL MEASUREMENT, vol.16, no.2, pp.77-90, 1995 (SCI-Expanded)
- LXXII. **ANALYTIC AND SEMIANALYTIC SOLUTIONS IN ELECTRICAL-IMPEDANCE TOMOGRAPHY .2. 3-DIMENSIONAL PROBLEMS**
PIDCOCK M., KUZUOGLU M., LEBLEBICIOGLU K.
PHYSIOLOGICAL MEASUREMENT, vol.16, no.2, pp.91-110, 1995 (SCI-Expanded)
- LXXIII. **A FAST IMAGE-RECONSTRUCTION ALGORITHM FOR ELECTRICAL-IMPEDANCE TOMOGRAPHY**
KUZUOGLU M., LEBLEBICIOGLU K., IDER Y.
PHYSIOLOGICAL MEASUREMENT, vol.15, 1994 (SCI-Expanded)
- LXXIV. **OPTIMAL RANKING OF MEASUREMENTS FOR STATE ESTIMATION BY THE GRADIENT PROJECTION METHOD**
SEVAIOGLU O., ESKICIOGLU A., LEBLEBICIOGLU K.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.14, no.6, pp.375-382, 1992 (SCI-Expanded)
- LXXV. **AN OPTIMAL-CONTROL PROBLEM WITH NONLINEAR ELLIPTIC STATE-EQUATIONS**
LEBLEBICIOGLU M., CELEBI A.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.164, no.1, pp.178-205, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **An Intelligent Prenatal Screening System for the Prediction of Trisomy-21 Using Triple Test Variables: The Hacettepe System**

Katlan D. C., TANAÇAN A., Örgül G., LEBLEBİCİOĞLU M. K., BEKSAÇ M. S.
Gynecology Obstetrics Reproductive Medicine, pp.1, 2018 (Peer-Reviewed Journal)

- II. **Modeling and simulation of a small-sized Tiltrotor UAV**
ÇAKICI F., LEBLEBİCİOĞLU M. K.
Journal of Defense Modeling and Simulation, vol.9, no.4, pp.335-345, 2012 (ESCI)
- III. **Toward the enhancement of biped locomotion and control techniques:walking pattern classification**
Yuksel B., LEBLEBİCİOĞLU M. K.
Artificial Life and Robotics, vol.16, no.2, pp.208-213, 2011 (ESCI)
- IV. **Local Decision-Making in multiple levels for lottery data analysis**
Beldek U., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.44, no.1 PART 1, pp.14240-14245, 2011 (Scopus)
- V. **Planning unmanned aerial vehicle's path for maximum information collection using evolutionary algorithms**
Ergezer H., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.44, no.1 PART 1, pp.5591-5596, 2011 (Scopus)
- VI. **Rule-based Weapon Target Assignment on the battlefield**
Şahin M. A., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.44, no.1 PART 1, pp.13600-13605, 2011 (Scopus)
- VII. **A hierarchical fuzzy decision maker for the Weapon Target Assignment**
Şahin M. A., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.44, no.1 PART 1, pp.8993-8998, 2011 (Scopus)
- VIII. **Dynamic gait pattern generation with reinforcement learning**
Erden M. S., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.16, pp.151-156, 2005 (Scopus)
- IX. **Strategy creation, decomposition and distribution in particle navigation: Memory module**
Beldek U., LEBLEBİCİOĞLU M. K.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.16, pp.46-51, 2005 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Cooperative Tracking and Navigation of Multi Aerial Vehicles in GPS-Denied Regions**
Ovec N. T., LEBLEBİCİOĞLU M. K.
AIAA Aviation Forum and ASCEND, 2024, Nevada, United States Of America, 29 July - 02 August 2024
- II. **Sensor fusion based on integrated navigation data of sea surface vehicle with machine learning method**
Belge E., Cantekin R. F., Erol B., Akgul V., Kartal S. K., Hacıoglu R., Gormus S. K., Kutoglu S. H., LEBLEBİCİOĞLU M. K.
2021 International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, Kocaeli, Turkey, 25 - 27 August 2021
- III. **Surface Vehicle Modelling via System Identification Sistem Tamlama ile SuDstii Araci Modellenmesi**
Cantekin R. F., Erol B., Kartal S. K., Hacıoglu R., Belge E., Gormus K. S., Kutoglu S. H., LEBLEBİCİOĞLU M. K.
2021 Innovations in Intelligent Systems and Applications Conference, ASYU 2021, Elazığ, Turkey, 6 - 08 October 2021
- IV. **Correlation between INS and GPS Based on Sea Surface Vehicle Motion Su Üstü Araci Hareketine Dayali INS-GPS İlişkisi**
Akgul V., Belge E., Hacıoglu R., Gormus K. S., Karadeniz Kartal S., Kutoglu S. H., Leblebicioğlu M. K.
2020 Innovations in Intelligent Systems and Applications Conference, ASYU 2020, İstanbul, Turkey, 15 - 17 October 2020
- V. **Improvement of Filter Estimates Based on Data from Unmanned Underwater Vehicle with Machine Learning İnsansız Sualtı Aracından Alınan Verilere Bağlı Filtre Kestirimlerinin Makine Öğrenmesi ile İyileştirilmesi**

Erol B., Cantekin R. F., Kartal S. K., Hacıoğlu R., Gormus K. S., Kutoglu S. H., Leblebicioğlu M. K.
2020 Innovations in Intelligent Systems and Applications Conference, ASYU 2020, İstanbul, Turkey, 15 - 17 October 2020

- VI. **Cost Function Determination for a WIG in Predefined Path and Height Using Conjugate Gradient Method**
Shabani R., Nalçacı G., Leblebicioğlu M. K., Ermiş M.
6th IEEE International Conference on Control Science and Systems Engineering, ICCSSE 2020, Beijing, China, 17 - 19 July 2020, pp.172-177
- VII. **Helicopter parameters estimation from subspace identification by constrained nonlinear optimization**
Avcıoğlu S., KUTAY A. T., LEBLEBİCİOĞLU M. K., Özkazanç Y., YAVRUCUK İ.
45th European Rotorcraft Forum 2019, ERF 2019, Warszawa, Poland, 17 - 20 September 2019, vol.2, pp.1001-1012
- VIII. **Implementation of physical subspace identification on a realistic helicopter**
Avcıoğlu S., KUTAY A. T., Leblebicioğlu K.
AIAA Scitech Forum, 2019, California, United States Of America, 7 - 11 January 2019
- IX. **Cogging Torque Disturbance Rejection for a Low-cost Gimbal Motor and a Controller Design with Practical Considerations**
Ozdogan G., Leblebicioğlu K.
12th Asian Control Conference (ASCC), Kitakyushu, Japan, 9 - 12 June 2019, pp.486-491
- X. **Parallel Docking Problem for Unmanned Surface Vehicles**
Yilmaz I. C., Ahıska K., LEBLEBİCİOĞLU M. K.
15th International Conference on Control, Automation, Robotics and Vision (ICARCV), Singapore, Singapore, 18 - 21 November 2018, pp.744-749
- XI. **Modeling and control of a heavy-lift helicopter consisting of large and small tilting rotors**
Ozdogan G., Leblebicioğlu K.
6th International Conference on Control Engineering and Information Technology, CEIT 2018, İstanbul, Turkey, 25 - 27 October 2018
- XII. **Modelling, Design and Control of a Heavy-lift Helicopter With a Combination of Two Large and Two Small Rotors and Two Servo Motors**
Leblebicioğlu M. K., Özdoğan G.
TOK 2018 Otomatik Kontrol Ulusal Toplantısı, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.52-57
- XIII. **Modelling, Design and Control of a Heavy-lift Helicopter With a Combination of Two Large and Two Small Rotors and Two Servo Motors**
Leblebicioğlu M. K., Özdoğan G.
TOK 2018 Otomatik Kontrol Ulusal Toplantısı, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.52-57
- XIV. **Parallel Docking Problem for Unmanned Surface Vehicles**
Leblebicioğlu M. K., Ahıska K., Yılmaz İ. Ç.
TOK 2018 Ulusal Toplantısı, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.313-318
- XV. **Coverage Based Cooperative Guidance Method for High Speed Air Targets**
Leblebicioğlu M. K., Cevher F. Y.
TOK 2018 Ulusal Kongresi, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.379-384
- XVI. **Parallel Docking Problem for Unmanned Surface Vehicles**
Leblebicioğlu M. K., Ahıska K., Yılmaz İ. Ç.
TOK 2018 Ulusal Toplantısı, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.313-318
- XVII. **Coverage Based Cooperative Guidance Method for High Speed Air Targets**
Leblebicioğlu M. K., Cevher F. Y.
TOK 2018 Ulusal Kongresi, Kayseri, Turkey, 12 - 14 September 2018, vol.1, no.1, pp.379-384
- XVIII. **PPNN DÜZENİNDEKİ İKİ SERVO MOTORLU DÖRT PERVANELİ ROBOT HELİKOPTERİN MODELLENMESİ VE KONTROLÜ**
Leblebicioğlu M. K.

- SAVTEK 2018 Savunma Teknolojileri Kongresi, Ankara, Turkey, 27 - 29 June 2018, pp.1-12
- XIX. PPNN DÜZENİNDEKİ İKİ SERVO MOTORLU DÖRT PERVANELİ ROBOT HELİKOPTERİN MODELLENMESİ VE KONTROLÜ**
Lelebicioğlu M. K.
SAVTEK 2018 Savunma Teknolojileri Kongresi, Ankara, Turkey, 27 - 29 June 2018, pp.1-12
- XX. Yer Etkisini Kullanan Araçlar**
LEBLEBİCİOĞLU M. K.
ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİ KONGRESİ (EEMKON2017), Turkey, 16 - 18 November 2017
- XXI. Real Time Path Planning for Unmanned Air Vehicles**
LEBLEBİCİOĞLU M. K.
Fifth International Symposium on Engineering, Artificial Intelligence Applications, 1 - 03 November 2017
- XXII. An Approach for System Identification in Unmanned Surface Vehicles**
Erunsal I. K., Ahiska K., KUMRU M., LEBLEBİCİOĞLU M. K.
17th International Conference on Control, Automation and Systems (ICCAS), South Korea, 18 - 21 October 2017, pp.194-199
- XXIII. Time Series Classification Using Point-wise Features**
Ergezer H., LEBLEBİCİOĞLU M. K.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXIV. Design and Analysis of a Mode-Switching Unmanned Aerial Vehicle**
LEBLEBİCİOĞLU M. K.
4th International Conference on Electrical and Electronic Engineering (ICEEE 2017), 8 - 10 April 2017
- XXV. A New Multi-Agent Decision Making Structure and Application to Model-Based Fault Diagnosis Problem**
LEBLEBİCİOĞLU M. K., Zengin Y., Schmidt K. V.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVI. A Survey on Tactical Control Algorithms for Path Tracking Unmanned Surface Vehicles**
KUMRU M., Lelebicioğlu K., Erunsal I. K., Ahiska K.
14th International Conference on Control, Automation, Robotics and Vision (ICARCV), Phuket, Thailand, 13 - 15 November 2016
- XXVII. A Survey on Tactical Control Algorithms for Path Tracking Unmanned Surface Vehicles**
LEBLEBİCİOĞLU M. K., ahiska k., KUMRU M., erunsal k.
12th International Conference on Control, Automation, Robotics and Vision (ICARCV'2016), 13-15 November 2016, Phuket, Thailand. International Journal, 13 - 15 November 2016
- XXVIII. Anomaly Detection and Activity Perception Using Covariance Descriptor for Trajectories**
Ergezer H., LEBLEBİCİOĞLU M. K.
14th European Conference on Computer Vision (ECCV), Amsterdam, Netherlands, 8 - 16 October 2016, vol.9914, pp.728-742
- XXIX. Control System Design of a Vertical Take-off and Landing Fixed-Wing UAV**
Cakici F., LEBLEBİCİOĞLU M. K.
14th IFAC Symposium on Control in Transportation Systems (CTS), İstanbul, Turkey, 18 - 20 May 2016, vol.49, pp.267-272
- XXX. Optimal Autopilot and Guidance of the ROV: SAGA**
Kartal S. K., Ege E., LEBLEBİCİOĞLU M. K.
14th IFAC Symposium on Control in Transportation Systems (CTS), İstanbul, Turkey, 18 - 20 May 2016, vol.49, pp.401-406
- XXXI. Shooter Localization System Calibration and Implementation**
Akman C., Sonmez T., Ozgur O., LEBLEBİCİOĞLU M. K.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.2025-2028
- XXXII. Anomaly Detection in Trajectories**
Ergezer H., LEBLEBİCİOĞLU M. K.

- 24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1561-1564
- XXXIII. **Analysis of a UAV that can Hover and Fly Level**
Cakici F., Leblebicioglu M. K.
International Conference on Frontiers of Sensors Technologies (ICFST), Hong Kong, PEOPLES R CHINA, 12 - 14 March 2016, vol.59
- XXXIV. **Energy Optimal Controller for Electric Vehicles on Partially Icy Roads with Heuristic Skidding Compensation**
Ahiska K., ÖZGÖREN M. K., LEBLEBİCİOĞLU M. K.
15th International Conference on Control, Automation and Systems (ICCAS), Busan, South Korea, 13 - 16 October 2015, pp.101-106
- XXXV. **Bir İnsansız Suüstü Aracının PID ve LQR Tipi Doğrusal, Geribeslemeli Doğrusallaştıran Tipi Doğrusal Olmayan Denetleçlerle Denetimi**
erünsal i. k., KUMRU M., LEBLEBİCİOĞLU M. K.
TOK 2015, Turkey, 10 - 12 September 2015
- XXXVI. **Vision-based Navigation and System Identification of Underwater Survey Vehicle**
Kartal S. K., LEBLEBİCİOĞLU M. K., Ege E.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.759-762
- XXXVII. **An expert system based on Discrete Wavelet Transform ANFIS for acquisition and recognition of invariant features from texture images**
Avcı D., POYRAZ M., LEBLEBİCİOĞLU M. K.
2015 23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, Turkey, 16 - 19 May 2015, pp.1070-1073
- XXXVIII. **Atış tespit sistemleri için duyarlılık analizi**
Özgür Ö., Sönmez T., LEBLEBİCİOĞLU M. K.
2015 23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, Turkey, 16 - 19 May 2015, pp.1709-1716
- XXXIX. **Optimizing The Service Policy Of A Wireless Access Point On The Move With Renewable Energy**
Ceran E. T., Erkilic T., Uysal-Biyikoglu E., Girici T., Leblebicioglu K.
52nd Annual Allerton Conference on Communication, Control, and Computing Allerton, Illinois, United States Of America, 1 - 03 October 2014, pp.967-974
- XL. **Rapid turnover maneuver optimization of a vertical launch surface to air missile via genetic algorithms**
Tekin R., Atesoglu O., LEBLEBİCİOĞLU M. K.
AIAA Guidance, Navigation, and Control (GNC) Conference, Boston, MA, United States Of America, 19 - 22 August 2013
- XLI. **3D path planning for unmanned aerial vehicles**
Halit E., LEBLEBİCİOĞLU M. K.
2013 INTERNATIONAL CONFERENCE ON UNMANNED AIRCRAFT SYSTEMS (ICUAS), 28 - 31 May 2013
- XLII. **The Flare Effectiveness against Imaging Infrared Seekers**
Yurttas R., LEBLEBİCİOĞLU M. K.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLIII. **Ground Target Tracking of a Temporarily Invisible Target due to Topographic Constraints**
Alat G., LEBLEBİCİOĞLU M. K., BAYKAL B.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLIV. **Wake Tracking with Particle Filter**
Onur C., LEBLEBİCİOĞLU M. K.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLV. **3D Path Planning for UAVs for Maximum Information Collection**
Ergezer H., Leblebicioglu M. K.

International Conference on Unmanned Aircraft Systems (ICUAS), Georgia, United States Of America, 28 - 31 May 2013, pp.79-88

- XLVI. **An adaptive, optimal proportional-integral guidance for missiles**
Evcimen Ç., LEBLEBİCİOĞLU M. K.
AIAA Guidance, Navigation, and Control (GNC) Conference, Boston, MA, United States Of America, 19 - 22 August 2013
- XLVII. **Utility-based time and power allocation on an energy harvesting downlink: The optimal solution**
Tekbiyik N., Uysal-Biyikoglu E., Girici T., LEBLEBİCİOĞLU M. K.
27th International Symposium on Computer and Information Sciences, ISCIS 2012, Paris, France, 3 - 04 October 2012, pp.83-91
- XLVIII. **Kalman Prediction Based Proportional Fair Resource Allocation for a Solar Powered Base Station**
Tekbiyik-Ersoy N., Uysal-Biyikoglu E., Leblebicioglu K., Girici T.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLIX. **An algorithm for proportional-fair downlink scheduling in the presence of energy harvesting**
Tekbiyik N., Uysal-Biyikoglu E., Girici T., LEBLEBİCİOĞLU M. K.
27th International Symposium on Computer and Information Sciences, ISCIS 2012, Paris, France, 3 - 04 October 2012, pp.93-101
- L. **Path planning for multiple unmanned aerial vehicles Çoklu insansız hava araçları için güzergah planlaması**
Ergezer H., LEBLEBİCİOĞLU M. K.
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012
- LI. **Autonomous underwater vehicle modelling, control, motion and mission planning design Otonom sualtı aracı modellemesi, denetimi, hareket ve görev planlama tasarımı**
Gül U. D., LEBLEBİCİOĞLU M. K.
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012
- LII. **Towards the Enhancement of Biped Locomotion and Control Techniques - Walking Pattern Classification**
Yuksel B., LEBLEBİCİOĞLU M. K.
16th International Symposium on Artificial Life and Robotics (AROB 16th '11), Beppu, Japan, 27 - 29 January 2011, pp.918-921
- LIII. **Modeling and vertical launch analysis of an aero and thrust vector controlled surface to air missile**
Tekin R., Ateşoğlu Ö., LEBLEBİCİOĞLU M. K.
AIAA Atmospheric Flight Mechanics Conference 2010, Toronto, Canada, 2 - 05 August 2010
- LIV. **Kalman filtering based approach for spectral analysis of power signals Güç sinyallerinin spektral çözümlenmesi için Kalman süzgeci kullanımına dayalı yaklaşım**
Köse N., Salor Ö., LEBLEBİCİOĞLU M. K.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.788-791
- LV. **Single camera multi-target tracking by fuzzy target-track association Bulanik hedef -iz eşleştirme ile tek kamera çoklu hedef takibi**
Akinci U., HALICI U., Leblebicioğlu K.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.53-56
- LVI. **Gezer Bir Robot için Hedef Takibi ve Dairesel Yörüngede Seyir**
ŞAMİLOĞLU A. T., GAZİ V., KOKU A. B., LEBLEBİCİOĞLU M. K.
Türk Otomatik Kontrol Ulusal Toplantısı (TOK09), İstanbul, Turkey, 13 - 16 October 2009
- LVII. **A Standard Expert System For Weapon Target Assignment Problem**
Sahin M. A., LEBLEBİCİOĞLU M. K.
International Symposium on Performance Evaluation Computer and Telecommunication Systems, İstanbul, Turkey,

13 - 16 July 2009, vol.41, pp.221-222

- LVIII. Online calibration of strapdown magnetometers**
Yigitler H., LEBLEBİCİOĞLU M. K.
9th IFAC Symposium on Robot Control, SYROCO 2009, Gifu, Japan, 9 - 12 September 2009, vol.42, pp.687-692
- LIX. A Kalman Filter Based Approach for Light Flicker Evaluation of Power Systems**
Kose N., Salor O., Leblebicioglu K.
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.303-306
- LX. Evolving a hierarchical decision making mechanism using fuzzy logic**
Beldek U., LEBLEBİCİOĞLU M. K.
17th World Congress, International Federation of Automatic Control, IFAC, Seoul, South Korea, 6 - 11 July 2008, vol.17
- LXI. Optimal protraction of a three-joint robot leg**
Erden M. S., LEBLEBİCİOĞLU M. K.
17th World Congress, International Federation of Automatic Control, IFAC, Seoul, South Korea, 6 - 11 July 2008, vol.17
- LXII. A Novel Noise Reduction Technology for Switched Reluctance Motors**
Bizkevelci E., ÖZLÜ ERTAN H. G., Leblebicioglu K.
General Meeting of the IEEE-Power-and-Energy-Society, Pennsylvania, United States Of America, 20 - 24 July 2008, pp.3353-3354
- LXIII. Cylindrical Microstrip Patch Array Modified Neural Multiple Source Tracking Algorithm**
Caylar S., Dural G., Leblebicioglu K.
IEEE Antennas-and-Propagation-Society International Symposium, California, United States Of America, 5 - 11 July 2008, pp.1524-1527
- LXIV. MESSAGE SCHEDULING ALGORITHMS FOR NETWORKED CONTROL SYSTEMS WITH TIME SLOTTED COMMUNICATION PROTOCOLS**
Senol S., Leblebicioglu K., Schmidt E. G.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.741-742
- LXV. Visual Tracking of Objects via Rule-based Multiple Hypothesis Tracking**
Ergezer H., Leblebicioglu K.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.749-750
- LXVI. Evaluation of Appropriateness of the Score Functions Used In Multiple Sequence Alignments Problem**
Ergezer H., Leblebicioglu K.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.376-378
- LXVII. Development of an Electronic Attack (EA) System in Multi-Target Tracking**
Tuerkcue O., LEBLEBİCİOĞLU M. K.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.132-133
- LXVIII. A Novel Neural Network Method for Direction of Arrival Estimation with Uniform Cylindrical 12-Element Microstrip Patch Array**
Caylar S., Dural G., Leblebicioglu K.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.54-57
- LXIX. Effects of control parameters on SRM performance: A parametric search**
Bizkevelci E., ÖZLÜ ERTAN H. G., Leblebicioglu K.
Joint Conference on Electromotion/IEEE Aegean Conference on Electrical Machines and Power Electronics/, Bodrum, Turkey, 10 - 12 September 2007, pp.276-277

- LXX. **A neural network method for direction of arrival estimation with uniform circular dipole array in the presence of mutual coupling**
Caylar S., Lelebicioglu K., Dural G.
3rd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 14 - 16 June 2007, pp.537-538
- LXXI. **Modified neural multiple source tracking algorithm in the presence of mutual coupling**
Caylar S., Lelebicioglu K., Dural G.
IEEE Antennas-and-Propagation-Society International Symposium, Hawaii, United States Of America, 9 - 15 June 2007, pp.1020-1023
- LXXII. **Visual detection and tracking of moving objects**
Ergezer H., Lelebicioglu K.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.632-633
- LXXIII. **<bold>FlexRay Simulator Development For Networked Control System</bold>**
Senoll S., Lelebicioglu K., Schmidt E. G.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.1178-1179
- LXXIV. **Direction of arrival estimation algorithm with uniform linear and circular array**
Caylar S., Lelebicioglu K., Dural G.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.1212-1215
- LXXV. **Developing growing hierarchical structures for decision making**
Beldek U., Lelebicioglu K.
22nd International Symposium on Computer and Information Sciences, Ankara, Turkey, 7 - 09 November 2007, pp.256-257
- LXXVI. **Hierarchical decision making and decision fusion**
Beldek U., Lelebicioglu K.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.731-732
- LXXVII. **A new neural network approach to the target tracking problem with smart structure**
Caylar S., LEBLEBİCİOĞLU M. K., Dural G.
IEEE Antennas and Propagation Society International Symposium, APS 2006, Albuquerque, NM, United States Of America, 9 - 14 July 2006, pp.1121-1124
- LXXVIII. **Optimum placement of microphone array for sound capture using genetic algoritms**
Birinci I. Y., Lelebicioglu K.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.485-486
- LXXIX. **Fault diagnosis with dynamic fuzzy discrete event system approach**
Kiliç E., Karasu Ç., LEBLEBİCİOĞLU M. K.
14th Turkish Symposium on Artificial Intelligence and Neural Networks, TAINN 2005, İzmir, Turkey, 16 - 17 June 2005, vol.3949 LNAI, pp.117-124
- LXXX. **Torque distribution for a six-legged robot**
Erden M. S., Lelebicioglu K.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.571-574
- LXXXI. **Refining the progressive multiple sequence alignment score using genetic algorithms**
Ergezer H., LEBLEBİCİOĞLU M. K.
14th Turkish Symposium on Artificial Intelligence and Neural Networks, TAINN 2005, İzmir, Turkey, 16 - 17 June 2005, vol.3949 LNAI, pp.177-184
- LXXXII. **Analysis of wave gaits for energy efficiency**
Erden M. S., Lelebicioglu K.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.575-578
- LXXXIII. **Routing optimization techniques for communication networks İletişim ağlarında yönlendirme iyiles**

tirilmesi yöntemleri

Demircan A. E., LEBLEBİCİOĞLU M. K.

IEEE 13th Signal Processing and Communications Applications Conference, SIU 2005, Kayseri, Turkey, 16 - 18 May 2005, vol.2005, pp.540-543

- LXXXIV. **Performance optimization of monopulse target tracking radar Tek-darbe hedef izleme radarma ait sistem parametrelerinin performans açısından eniyilenmesi**
Şahin M. A., LEBLEBİCİOĞLU M. K., Tanyer S. G.
IEEE 13th Signal Processing and Communications Applications Conference, SIU 2005, Kayseri, Turkey, 16 - 18 May 2005, vol.2005, pp.49-52
- LXXXV. **Ground reaction force analysis of biped locomotion**
Yuksel B., Zhou C., Leblebicioglu K.
IEEE Conference on Robotics, Automation and Mechatronics, Singapore, Singapore, 1 - 03 December 2004, pp.330-335
- LXXXVI. **3D cognitive map construction by active stereo vision in a virtual world**
ULUSOY PARNAS İ., HALICI U., LEBLEBİCİOĞLU M. K.
2004 19th International Symposium on Computer and Information Sciences (ISCIS 2004), Turkey, 27 - 29 October 2004, pp.400-409
- LXXXVII. **Optimal behaviour inspired fuzzy controller design for a three joint robot leg in protraction phase**
Erden M., Leblebicioglu K.
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004, pp.466-469
- LXXXVIII. **EKF and ANFIS estimator design in multicomponent batch distillation columns**
Yildiz U., Güner E., ÖZGEN C., LEBLEBİCİOĞLU M. K.
7th IFAC Symposium on Dynamics and Control of Process Systems, DYCOPS 2004, Cambridge, United States Of America, 5 - 07 July 2004, vol.37, pp.631-636
- LXXXIX. **A sliding mode controller to minimize SRM torque ripple and noise**
Bizkevelci E., Leblebicioglu K., Ertan H.
IEEE International Symposium on Industrial Electronics, Ajaccio, France, 4 - 07 May 2004, pp.1333-1338
- XC. **Multiple sequence alignments using hidden Markov Model**
Ergezer H., Leblebicioglu G.
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004, pp.434-437
- XCI. **Identification of parameters of an induction motor from field solution**
Ertan H., Leblebicioglu K., Avenoglu B., Ercan B.
6th International Conference on Electrical Machines and Systems, Beijing, China, 9 - 11 November 2003
- XCII. **Sleep spindles detection using autoregressive modeling**
GORUR D., HALICI U., AYDIN H., GUCLU O., ÖZGEN F., LEBLEBİCİOĞLU M. K.
2003 International Conference on Artificial Neural Networks (ICANN 2003), Turkey, 26 - 29 June 2003
- XCIII. **Object recognition and cognitive map formation using active stereo vision in a virtual world**
ULUSOY İ., HALICI U., Leblebicioglu K.
IEEE International Workshop on Computer Architecture for Machine Perception, CAMP 2003, Louisiana, United States Of America, 12 - 16 May 2003, pp.52-61
- XCIV. **Sleep spindles detecton using short time fourier transform and neural networks**
GORUR D., Halici U., AYDIN H., ONGUN G., ÖZGEN F., Leblebicioglu K.
International Joint Conference on Neural Networks (IJCNN 02), Hawaii, United States Of America, 12 - 17 May 2002, pp.1631-1636
- XCV. **Conflict resolution by negotiation**
Erden M. S., Leblebicioğlu K., Halici U.
15th World Congress of the International Federation of Automatic Control, 2002, Barcelona, Spain, 21 - 26 July 2002, vol.15, pp.471-476
- XCVI. **Sleep spindles detection using short time Fourier transform and neural networks**

Gorur D., HALICI U., Aydin H., Ongun G., Ozgen F., Leblebicioglu K.

2002 International Joint Conference on Neural Networks (IJCNN '02), Honolulu, HI, United States Of America, 12 - 17 May 2002, vol.2, pp.1631-1636

XCVII. Multi-agent system based fuzzy controller design with genetic tuning for a service mobile manipulator robot in the hand-over task

Erden M. S., Leblebicioglu K., Halici U.

15th World Congress of the International Federation of Automatic Control, 2002, Barcelona, Spain, 21 - 26 July 2002, vol.15, pp.503-508

XCVIII. An automated differential blood count system

Ongun G., Halici U., Leblebicioglu K., Atalay V., Beksac M., Beksac S.

23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, İstanbul, Turkey, 25 - 28 October 2001, vol.23, pp.2583-2586

XCIX. Feature extraction and classification of blood cells for an automated differential blood count system

ONGUN G., Halici U., Leblebicioglu K., Atalay V., Beksac M., Beksac S.

International Joint Conference on Neural Networks (IJCNN 01), Washington, Kiribati, 15 - 19 July 2001, pp.2461-2466

C. Automated contour detection in blood cell images by an efficient snake algorithm

ONGUN G., Halici U., Leblebicioglu K., Atalay V., Beksac S., BEKSAÇ M.

Proceedings of the 3th World Congress of Nonlinear Analysts (WCNA 2000), Catania, Italy, 19 - 26 July 2000, vol.47, pp.5839-5847

CI. Pattern recognition in bistable networks

VLADIMIR C., HALICI U., LEBLEBİCİOĞLU M. K.

1999 SPIE APPLICATIONS AND SCIENCE OF COMPUTATIONAL INTELLIGENCE II, Orlando, United States Of America, 5 - 08 April 1999, vol.3722, pp.457-463

CII. An automated blood cell analysis and classification system

Ongun G., Halici U., Leblebicioglu K., Atalay V., Erkmen A., Beksac S., Beksac M., Erol A.

13th International Symposium on Computer and Information Sciences (ISCIS 98), BELEK ANTALYA, Turkey, 26 - 28 October 1998, vol.53, pp.222-227

CIII. Nonlinear model predictive controller using neural network

Karahan O., Ozgen C., Halici U., Leblebicioglu K.

1997 IEEE International Conference on Neural Networks (ICNN 97), Texas, United States Of America, 9 - 12 June 1997, pp.690-693

CIV. SPECTRAL NORM IN THE CONVERGENCE OF THE FAST DECOUPLED LOAD FLOW

SEVAIOGLU O., LEBLEBICIOGLU K.

3RD AFRICON CONF (AFRICON 92), EZULWINI VALLEY, Swaziland, 22 - 24 September 1992, pp.450-453

CV. A NEW DESCENT ALGORITHM FOR ELECTRICAL-IMPEDANCE TOMOGRAPHY

KUZUOGLU M., LEBLEBICIOGLU K., GENCER N. G., IDER Y.

14TH ANNUAL INTERNATIONAL CONF OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY, Paris, France, 29 October - 01 November 1992, vol.14, pp.1684-1685

Activities in Scientific Journals

Turkish Journal Of Electrical Engineering And Computer Sciences, Committee Member, 2014 - Continues

Metrics

Publication: 191

Citation (WoS): 909

Citation (Scopus): 1258

H-Index (WoS): 18

H-Index (Scopus): 21

Congress and Symposium Activities

ELECO 2018 Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Invited Speaker, Bursa, Turkey, 2018

TOK 2018 Otomatik Kontrol Ulusal Kongresi, Working Group, Kayseri, Turkey, 2018

ICAME'18: International Conference on Applied Mathematics in Engineering, Invited Speaker, Balıkesir, Turkey, 2018

ICEEE 2018 5'th International Conference on Electrical and Electronics Engineering , Invited Speaker, İstanbul, Turkey, 2018

Non Academic Experience

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