

Prof. Dr. MEHMET KEMAL LEBLEBİCİOĞLU

Kişisel Bilgiler

İş Telefonu: [+90 312 210 2358](tel:+903122102358)

Fax Telefonu: [+90 312 210 2304](tel:+903122102304)

E-posta: kleb@metu.edu.tr

Web: <https://avesis.metu.edu.tr/kleb>

Uluslararası Araştırmacı ID'leri

ScholarID: Uh3W5WsAAAAJ

ORCID: 0000-0002-9735-458X

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

ScopusID: 6603785960

Yoksis Araştırmacı ID: 125952

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 1982 - 1988

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 1980 - 1982

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1974 - 1979

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 1999 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 1993 - 1999

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 1988 - 1993

Yönetilen Tezler

LEBLEBİCİOĞLU M. K., Design, modeling, and optimal control allocation of a heavy-lift aerial vehicle consisting of large and small tilt-rotors, Doktora, G.ÖZDOĞAN(Öğrenci), 2021

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

- LEBLEBİCİOĞLU M. K., Midcourse and final phase path planning for air vehicles to avoid countermeasures, Yüksek Lisans, B.ATAELİ(Öğrenci), 2021
- LEBLEBİCİOĞLU M. K., Çift motorlu bir jet uçağının matematik modeli ve otopilot dizaynı, Yüksek Lisans, H.Cansu(Öğrenci), 2020
- LEBLEBİCİOĞLU M. K., Docking Problems Of Sea Surface Vehicles, Yüksek Lisans, İ.ÇAĞDAŞ(Öğrenci), 2019
- LEBLEBİCİOĞLU M. K., Diyot pompalı katı hal lazerlerinin sürücü akımının uyarlanır kontrolü ile güç dengelileştirmesi., Yüksek Lisans, T.Şentürk(Öğrenci), 2019
- LEBLEBİCİOĞLU M. K., Alçak yörüngeyi bir uydu için kalman filtre tabanlı yönelim belirleme ve kontrol algoritmalarının tasarımları, Yüksek Lisans, G.Efendioğlu(Öğrenci), 2019
- LEBLEBİCİOĞLU M. K., Dynamic modelling and control of a gimballed airborne antenna platform with mass unbalance and friction, Yüksek Lisans, T.KOBAL(Öğrenci), 2018
- LEBLEBİCİOĞLU M. K., Multi shooter localization with acoustic sensors, Yüksek Lisans, Ç.AKMAN(Öğrenci), 2017
- LEBLEBİCİOĞLU M. K., Detailed modeling and control of a 2-DOF gimbal system, Yüksek Lisans, E.POYRAZOĞLU(Öğrenci), 2017
- LEBLEBİCİOĞLU M. K., Time series on Riemannian manifolds, Doktora, H.ERGEZER(Öğrenci), 2017
- LEBLEBİCİOĞLU M. K., Navigation and system identification of an unmanned underwater survey vehicle, Doktora, S.KARADENİZ(Öğrenci), 2017
- LEBLEBİCİOĞLU M. K., ÖZGÖREN M. K., Some optimal control problems in electric vehicles, Doktora, K.AHISKA(Öğrenci), 2016
- LEBLEBİCİOĞLU M. K., Underwater gliders: Modeling, control and simulation studies, Yüksek Lisans, S.GÖREN(Öğrenci), 2016
- LEBLEBİCİOĞLU M. K., YAVRUCUK İ., Control and guidance of a multi-mode unmanned aerial vehicle for increased versatility, Doktora, F.ÇAKICI(Öğrenci), 2016
- LEBLEBİCİOĞLU M. K., Design, control, and guidance of a tactical missile with lateral thrusters, Yüksek Lisans, F.KAĞAN(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., LQG/LTR, H-infinity and Mu robust controllers design for line of sight stabilization, Yüksek Lisans, M.BASKIN(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Stabilization of an image based tracking system, Yüksek Lisans, I.ECE(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Seabed mapping using multibeam sonar and combining with former bathymetric data, Yüksek Lisans, F.FURKAN(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Robust flight and landing autopilot, Yüksek Lisans, O.DURMAZ(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Wing in ground effect vehicle: Modelling and control, Yüksek Lisans, A.GHAFOOR(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., System identification and control of a sea surface vehicle, Yüksek Lisans, İ.KAĞAN(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Identification of inertial sensor error parameters, Yüksek Lisans, B.ALTIÑÖZ(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Navigation and control of an unmanned sea surface vehicle, Yüksek Lisans, M.KUMRU(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Design and control of X5 unmanned aerial robot, Yüksek Lisans, M.EBADOLLAHİ(Öğrenci), 2015
- LEBLEBİCİOĞLU M. K., Landing autopilot design for an unmanned aerial vehicle, Yüksek Lisans, A.İLDEN(Öğrenci), 2014
- LEBLEBİCİOĞLU M. K., System identification and modeling of gyro-stabilized IR/EO gimbal system in frequency domain, Yüksek Lisans, G.ÖZDOĞAN(Öğrenci), 2014
- LEBLEBİCİOĞLU M. K., Autopilot design for a quadrotor, Yüksek Lisans, M.SAMİ(Öğrenci), 2014
- LEBLEBİCİOĞLU M. K., Sliding mode guidance of an air-to-air missile, Yüksek Lisans, M.ULU(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., SARANLI A., Optimal control of a half circular compliant legged monopod, Doktora, Y.ÖZKAN(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., A surface-to-air missile equipped with a tracking based ECCM techniques, Yüksek Lisans, R.YURTDAŞ(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., A variable structure-autonomous-interacting multiple model ground target tracking algorithm in dense clutter, Doktora, G.ALAT(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., Path planning and coordinated guidance of multiple unmanned aerial vehicles, Doktora, H.ERGEZER(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., Acoustic tracking of ship wakes, Doktora, Ç.ÖNÜR(Öğrenci), 2013

- LEBLEBİCİOĞLU M. K., Takibe dayalı elektronik korunma teknikleri ile donatılmış yerden havaya atılan füze., Yüksek Lisans, R.Yurttaş(Öğrenci), 2013
- LEBLEBİCİOĞLU M. K., Opti-acoustic stereo imaging, Yüksek Lisans, H.SAÇ(Öğrenci), 2012
- LEBLEBİCİOĞLU M. K., Bir mini insansız sualtı aracının otopilot ve güdüm tasarımı, Yüksek Lisans, F.Yılmaz(Öğrenci), 2012
- LEBLEBİCİOĞLU M. K., SCHMİDT Ş. E., QoC and QoS bargaining for message scheduling in networked control systems, Doktora, S.ŞENOL(Öğrenci), 2012
- LEBLEBİCİOĞLU M. K., Bir insansız suüstü aracının güdüm ve denetimi, Yüksek Lisans, K.Ahiska(Öğrenci), 2012
- LEBLEBİCİOĞLU M. K., Bir insansız sualtı aracının navigasyonu ve yol planlaması, Yüksek Lisans, U.Doğan(Öğrenci), 2012
- LEBLEBİCİOĞLU M. K., Development of an autopilot for automatic landing of an unmanned aerial vehicle, Yüksek Lisans, S.ARIBAL(Öğrenci), 2011
- LEBLEBİCİOĞLU M. K., Çoklu hipotez yöntemi ile çoklu görsel hedef takibi., Yüksek Lisans, B.Türker(Öğrenci), 2010
- LEBLEBİCİOĞLU M. K., Leblebicioğlu M., Dik fırlatılan karadan havaya bir füzenin tasarım, modelleme, gudum ve kontrolü, Yüksek Lisans, R.Tekin(Öğrenci), 2010
- LEBLEBİCİOĞLU M. K., Modelling and simulation of a wheeled land vehicle, Yüksek Lisans, A.LAFCI(Öğrenci), 2010
- LEBLEBİCİOĞLU M. K., Decision making system algorithm on menopause data set, Yüksek Lisans, H.ÖZGE(Öğrenci), 2010
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- LEBLEBİCİOĞLU M. K., Decentralized estimation under communication constraints, Doktora, M.ÜNEY(Öğrenci), 2009
- LEBLEBİCİOĞLU M. K., Design and improvement of multi-level decision-making models, Doktora, U.BELDEK(Öğrenci), 2009
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- LEBLEBİCİOĞLU M. K., Modelling And Controller Design Of The Gun And Turret System For An Aircraft, Yüksek Lisans, A.MERT(Öğrenci), 2009
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- LEBLEBİCİOĞLU M. K., Efficient solution of optimization problems with constraints and/or cost functions expensive to evaluate, Yüksek Lisans, A.GÖKHAN(Öğrenci), 2009
- LEBLEBİCİOĞLU M. K., Image segmentation based on variational techniques, Yüksek Lisans, M.BURAK(Öğrenci), 2009
- LEBLEBİCİOĞLU M. K., Light flicker evaluation of electric arc furnaces based on novel signal processing algorithms, Yüksek Lisans, N.KÖSE(Öğrenci), 2009
- LEBLEBİCİOĞLU M. K., ERTAN H. B., A control algorithm to minimize torque ripple and acoustic noise of switched reluctance motors, Doktora, E.BİZKEVELCI(Öğrenci), 2008
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- LEBLEBİCİOĞLU M. K., Savaş uçakları için füzelerden kural tabanlı bir kaçma yöntemi., Yüksek Lisans, M.Sert(Öğrenci), 2008
- LEBLEBİCİOĞLU M. K., Autopilot and guidance for anti-tank imaging infrared guided missiles, Yüksek Lisans, A.ERDEM(Öğrenci), 2008
- LEBLEBİCİOĞLU M. K., Operasyonlarda hava kuvvetleri kaynaklarının en iyi atanması için akıllı arama ve algoritmalar., Yüksek Lisans, E.Rızvanoglu(Öğrenci), 2008
- LEBLEBİCİOĞLU M. K., Birden fazla kamera ile çoklu hedef takibi., Yüksek Lisans, M.Yılmaz(Öğrenci), 2008
- LEBLEBİCİOĞLU M. K., ÇOK NAMLULU ROCKETAR BİRLİKLERİNİN İLAVE MÜHİMMAT DEPO YERLERİİNİN TESPİTİ İÇİN BİR METOT, Yüksek Lisans, H.ÇAĞRICI(Öğrenci), 2007
- LEBLEBİCİOĞLU M. K., Araç Rotalama Problemlerinin Çözümüne Bir Yaklaşım, Yüksek Lisans, E.ELDELEKLİ(Öğrenci), 2007
- LEBLEBİCİOĞLU M. K., Varying mass missile dynamics, guidance and control, Yüksek Lisans, Y.GÜNBATAR(Öğrenci), 2007

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- LEBLEBİCİOĞLU M. K., Değişken kütleli füzenin dinamiği, güdümü & kontrolü, Yüksek Lisans, Y.Günbatar(Öğrenci), 2007
- LEBLEBİCİOĞLU M. K., 3D synthetic human face modelling tool based on T-spline surfaces, Yüksek Lisans, A.AYDOĞAN(Öğrenci), 2007
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- LEBLEBİCİOĞLU M. K., Ulisar (çok maksatlı ulusal insansız su altı aracı) insansız su altı aracının otopilot tasarımı ve güdüm kontrolü., Yüksek Lisans, K.Isiyel(Öğrenci), 2007
- LEBLEBİCİOĞLU M. K., Visual detection and tracking of moving objects, Yüksek Lisans, H.ERGEZER(Öğrenci), 2007
- LEBLEBİCİOĞLU M. K., Image segmentation based on variational techniques, Yüksek Lisans, A.DURAMAZ(Öğrenci), 2006
- LEBLEBİCİOĞLU M. K., Autopilot and guidance algorithms for infrared guided missiles, Yüksek Lisans, K.ÇAĞLAR(Öğrenci), 2006
- LEBLEBİCİOĞLU M. K., Six-legged walking machine: The robot-EA308, Doktora, M.SUPHİ(Öğrenci), 2006
- LEBLEBİCİOĞLU M. K., Routing optimization methods for communication networks, Yüksek Lisans, A.EMRAH(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Dinamik mühimmat ikmal sistemi optimizasyon çalışması, Yüksek Lisans, Y.AKARDERE(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Fault detection and diagnosis in nonlinear dynamical systems, Doktora, E.KILIÇ(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Harekât alanında muharip jet uçaklarının hava görev emrinin modellenmesi, Yüksek Lisans, T.GÜRDAL(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Target identification using ISAR imaging techniques, Yüksek Lisans, E.LEVENT(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Congestion control for the available bit rate (ABR) service in asynchronous transfer mode (ATM) networks, Yüksek Lisans, H.BOZKURT(Öğrenci), 2005
- LEBLEBİCİOĞLU M. K., Silah etkinlik katsayılarının bulanık mantık yöntemi ile tespit edilmesi, Yüksek Lisans, A.ÇAKIR(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., Small-size unmanned model helicopter guidance and control, Yüksek Lisans, Ç.KARASU(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., TOMAK M., Numerical studies of the electronic properties of low dimensional semiconductor heterostructures, Doktora, B.DİKMEN(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., Askeri birliklerde personel yeterliliği için bulanık uzman sistem tasarımı, Yüksek Lisans, S.SAKBAY(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., Performance optimization of monopulse tracking radar, Yüksek Lisans, M.ALPER(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Model predictive control (MPC) performance for controlling reaction systems, Yüksek Lisans, İ.AŞAR(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., Göreve yönelik bulanık tabanlı uzman araç alım karar sistemlerinin oluşturulması J. GN. K. lığında örnek bir uygulama, Yüksek Lisans, Ö.İPEK(Öğrenci), 2004
- LEBLEBİCİOĞLU M. K., Mayın tarası oluşturma probleminde optimizasyon yaklaşımı, Yüksek Lisans, Y.KÖSEHAN(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., Radar target classification based on range profiles and ISAR images, Yüksek Lisans, İ.ÇALIŞKAN(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., HALICI U., Active stereo vision: Depth perception for navigation, environmental map formation and object recognition, Doktora, İ.ULUSOY(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., Control actuation systems and seeker units of an air-to-surface guided munition, Yüksek Lisans, E.AKKAL(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Adaptive neuro fuzzy inference system (anfis) applications in chemical processes, Yüksek Lisans, E.GÜNER(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Fuzzy and sliding mode control of a pH neutralization system, Yüksek Lisans, Ü.AKBAY(Öğrenci), 2002
- LEBLEBİCİOĞLU M. K., A Guidance and control method for a tail controlled bomb, Yüksek Lisans, C.PERKGÖZ(Öğrenci), 2002

LEBLEBİCİOĞLU M. K., A Pursuit evasion game between a missile and an aircraft, Yüksek Lisans, K.DİDEM(Öğrenci), 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, Yüksek Lisans, H.AKSOY(Öğrenci), 2001

LEBLEBİCİOĞLU M. K., Usage of genetic programming for solving robot navigation and system identification problems, Yüksek Lisans, U.BELDEK(Öğrenci), 2001

LEBLEBİCİOĞLU M. K., HALICI U., An Automated differential blood count system, Doktora, G.ONGUN(Öğrenci), 2001

LEBLEBİCİOĞLU M. K., Conflict resolution in air traffic management, Yüksek Lisans, M.SUPHİ(Öğrenci), 2001

LEBLEBİCİOĞLU M. K., Some applications of morphological filter design in image processing, Yüksek Lisans, Ö.KARAMEŞE(Öğrenci), 2001

LEBLEBİCİOĞLU M. K., Model predictive control using neural networks applied to flight control, Yüksek Lisans, S.TARKAN(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., Hybrid methods in intelligent control, Yüksek Lisans, T.SERHAT(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., HALICI U., Fractal image compression techniques, Yüksek Lisans, E.GÜRSES(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., Bilinear space /spatial-frequency representations for particle-location analysis of in-line fresnel holograms, Doktora, M.TANKUT(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., ÖZGEN C., Some sliding mode control applications in brushless DC motor and pH systems, Yüksek Lisans, F.KAFFASHİ(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., Optimal trajectory tracking guidance of an aircraft with final velocity constraint, Yüksek Lisans, D.ERDOĞMUŞ(Öğrenci), 1999

LEBLEBİCİOĞLU M. K., Fuzzy control of brushless DC motors, Yüksek Lisans, Y.SUBAŞI(Öğrenci), 1998

LEBLEBİCİOĞLU M. K., Initial alignment techniques for strapdown inertial navigation systems, Yüksek Lisans, T.İNÇİ(Öğrenci), 1997

LEBLEBİCİOĞLU M. K., Flight control using neural networks and fuzzy logic, Yüksek Lisans, M.ÖZGÜR(Öğrenci), 1997

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LEBLEBİCİOĞLU M. K., Image compression based on a fractal theory of iterated function systems, Yüksek Lisans, R.H. (Öğrenci), 1995

LEBLEBİCİOĞLU M. K., Genetic algorithms and some of their applications, Yüksek Lisans, H.ARIKAN(Öğrenci), 1995

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LEBLEBİCİOĞLU M. K., KUZUOĞLU M., A Four parameter atomic decomposition and the related time-frequency distribution, Doktora, A.BULTAN(Öğrenci), 1995

LEBLEBİCİOĞLU M. K., Observer design techniques for non-linear systems, Yüksek Lisans, A.SEVİNÇ(Öğrenci), 1995

LEBLEBİCİOĞLU M. K., Controllability and observability in infinite dimensional systems, Yüksek Lisans, H.SEMİH(Öğrenci), 1993

LEBLEBİCİOĞLU M. K., Solution of field problems by the finite element method, Yüksek Lisans, R.TAŞ(Öğrenci), 1993

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Development of Aerodynamic and Propulsion Models Using the Iterative Equation Error Method**
Millidere M., AKGÜL F., LEBLEBİCİOĞLU M. K., Whidborne J. F.
Aerospace, cilt.11, sa.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, cilt.57, sa.1, ss.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, cilt.15, sa.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, cilt.31, sa.2, ss.555-569, 2023 (SCI-Expanded)
- VI. **Cooperative Guidance Law for High-Speed and High-Maneuverability Air Targets**
Cevher F. Y., LEBLEBİCİOĞLU M. K.
AEROSPACE, cilt.10, sa.2, 2023 (SCI-Expanded)
- VII. **Design, Modeling, and Control Allocation of a Heavy-Lift Aerial Vehicle Consisting of Large Fixed Rotors and Small Tiltrotors**
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IEEE-ASME TRANSACTIONS ON MECHATRONICS, cilt.27, sa.5, ss.4011-4021, 2022 (SCI-Expanded)
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KARTAL S., HACIOĞLU R., Gormus K. S., KUTOĞLU Ş. H., LEBLEBİCİOĞLU M. K.
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- IX. **Energy and Time Optimal Autopilot for Electric Vehicles Performing Ackerman Cornering**
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- 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, cilt.30, sa.3, ss.695-712, 2022 (SCI-Expanded)
- XI. **Energy Optimality in Electric Vehicles Along Uphill-Downhill Roads**
Ahiska K., ÖZGÖREN M. K., LEBLEBİCİOĞLU M. K.
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Akademî Dışı Deneyim

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