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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., Diyet pompalı katı hal lazerlerinin sürücü akımının uyarlanırlı kontrolü ile güç dengelileştirilmesi, Yüksek Lisans, T.ŞENTÜRK(Öğrenci), 2019

LEBLEBİCİOĞLU M. K., Alçak yörüngeli bir uydu için kalman filtre tabanlı yönelim belirleme ve kontrol algoritmalarının tasarımı., Yüksek Lisans, G.EFENDIOĞLU(Öğrenci), 2019

LEBLEBİCİOĞLU M. K., Dynamic modelling and control of a gimbaled 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, İ.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.ALTINÖZ(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.YURTTAŞ(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

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LEBLEBİCİOĞLU M. K., Bir insansız suüstü aracının güdüm ve denetimi., Yüksek Lisans, K.Ahıska(Öğrenci), 2012

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

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LEBLEBİCİOĞLU M. K., Leblebicioğlu M., Dik fırlatılan karadan havaya bir füzenin tasarım, modelleme, güdüm 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

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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

LEBLEBİCİOĞLU M. K., Image segmentation and smoothing via partial differential equations, Yüksek Lisans, N.ÖZMEN(Öğrenci), 2009

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LEBLEBİCİOĞLU M. K., Savaş uçakları için füzelerden kural tabanlı bir kaçma yöntemi., Yüksek Lisans, M.Sert(Öğrenci), 2008

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LEBLEBİCİOĞLU M. K., Birden fazla kamera ile çoklu hedef takibi., Yüksek Lisans, M.Yılmaz(Öğrenci), 2008

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LEBLEBİCİOĞLU M. K., Araç Rotalama Problemlerinin Çözümüne Bir Yaklaşım, Yüksek Lisans, E.ELDELEKLİ(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

LEBLEBİCİOĞLU M. K., Development and comparison of autopilot and guidance algorithms for missiles, Yüksek Lisans, Ç.EVCİMEN(Öğrenci), 2007

LEBLEBİCİOĞLU M. K., Ulsar (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

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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 semikonduktor heterostructures, Doktora, B.DİKMEN(Öğrenci), 2004

LEBLEBİCİOĞLU M. K., Askeri birliklerde personel yeterliliği için bulanık uzman sistem tasarımı, Yüksek Lisans, S.AKBAY(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 tarlası 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

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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.KAFFAŞI(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.İNİCİ(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

LEBLEBİCİOĞLU M. K., Certain time-frequency representations and their applications, Yüksek Lisans, H.ŞİRİN(Öğrenci), 1995

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

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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.
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- 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 TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, cilt.23, sa.10, ss.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, 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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- XII. **Online path planning for unmanned aerial vehicles to maximize instantaneous information**
Ergezer H., LEBLEBİCİOĞLU M. K.
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Bilimsel Dergilerdeki Faaliyetler

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ELECO 2018 Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Davetli Konuşmacı, Bursa, Türkiye, 2018

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