

No	NAME-SURNAME	THESIS TITLE	SUPERVISOR	YEAR
1	TANGÜL Ü.BASAR	Performance bounds and optimal linear coding for multichannel communication sytems	HÜSEYİN ABUT	1978
2	İRİNİ DİMİTRİYADİS	Explorations in Linear Quadratic Games Of Pretension	MURAT SERTEL	1981
3	ENGİN YAZ	Stochastic adaptive receding horizon controllers	YORGO İSTEFANOPULOS	1982
4	İBRAHİM EKSİN	Sensitivity Theory Application To the Numerical Solutions Of The General Optimal Control Problem	YORGO İSTEFANOPULOS	1983
5	MUSTAFA AKTAR	Modern spectrum estimation	YORGO İSTEFANOPULOS	1983
6	EMİN ANARIM	Novel results on frequency estimation and statistical characterization of three spectral estimation techniques	BÜLENT SANKUR	1985
7	FÜSUN ERDİM	Multiprocessor optimizations: interconnection and task assignment	ÖMER CERİD	1985
8	MURAT ÜÇÜNCÜ	Investigation of different control strategies with variable structure conrollers	YORGO İSTEFANOPULOS	1988
9	YAĞMUR DENİZHAN	A variable structure control algorithm for robotic systems and a learning scheme for load adoption	YORGO İSTEFANOPULOS	1988
10	CELAL ZAİM ÇİL	Study of evaporated amorphous silicon films by frequency dependent conductivity and phase shift analysis of modulated photocurrent methods	SABİH TANSAL	1989

11	HAKAN KALYONCU	Transport layer protocols and performance of picture archival and communications systems	BÜLENT SANKUR	1994
12	FİGEN ÖZEN	Novel control strategies for flexiblelink manipulators	YORGO İSTEFANOPULOS	1996
13	İŞİL CELASUN	Design of multidimensional perfectreconstruction filter banks with compression applications	BÜLENT SANKUR	1996
14	MUSTAFA ALTINKAYA	Frequency estimation of sinusoidal signals	BÜLENT SANKUR	1996
15	NURDA BEKİROĞLU	Adaptive sliding surface design for sliding mode control systems	YORGO İSTEFANOPULOS	1996
16	ARDA YURDAKUL	Development of a high level synthesis tool specialized on fir-based multirate systems	GÜNHAN DÜNDAR	1999
17	ARİF SELÇUK ÖĞRENCİ	Multilayer perceptron neural network in analog VLSI-A system level study	GÜNHAN DÜNDAR	1999
18	AYKUT HOCANIN	Channel Coding and Robust Detection in CDMA	HAKAN DELİÇ	2000
19	CEVDET MEHMET HENDEKLİ	Development of single and multichannel 2-D delta domain lattice filter and applications to image restoration	AYŞİN BAYTAN ERTÜZÜN	2000
20	KEMALETTİN ERBATUR	A study of indirect fuzzy sliding mode control for robotic manipulators	OKYAY KAYNAK	2000
21	GÜNER ALPAYDIN	A New Approach to Analog Integrated Circuit Optimization	GÜNHAN DÜNDAR	2000

22	ÇİĞDEM EROĞLU ERDEM	Video object tracking with feedback of performance measures	BÜLENT SANKUR	2002
23	KORAY KARAHALİLOĞLU	Analysis and modelling of multi- gate mosfet structures	GÜNHAN DÜNDAR	2002
24	SERDAR IPLİKÇİ	Computationally Intelligent Techniques for Stabilisation and Targeting of Chaotic Systems	YAĞMUR DENİZHAN	2002
25	TURGAY TEMEL	Current-Mode CMOS Design of Multi-Valued Logic Circuits	AVNİ MORGÜL	2002
26	MEHMET ALPARSLAN PARLAKÇI	Robust variable structure controllers design for robot manipulators with parameter perturbations	YORGO İSTEFANOPULOS	2003
27	HAKAN YAŞARCAN	Feedback,Delays And Non-Linearities In Decision Structures	YAMAN BARLAS	2003
28	MURAT AKIN	H. Model Eşleme Probleminin Lineer Matris Eşitsizlikleri Yaklaşımı İle Çözümü	LEYLA GÖREN	2003
29	GÜLAY ÖKE	Application Of Intelligent Approaches For The Tip Position Control Of A Two-Link Flexible Manipulator	YORGO İSTEFANOPULOS	2004
30	HAMZA ÖZER	Audio watermarking, steganalysis using audio quality metrics, and robust audio hashing	BÜLENT SANKUR	2005
31	ERKAN YÜCE	Solutions to restrictions of the current conveyor based circuits	OĞUZHAN ÇİÇEKOĞLU	2006
32	MUSTAFA DOĞAN	Optimal nonlinear controller design for flexible robot manipulators	YORGO İSTEFANOPULOS	2006

33	GÖKHAN APAYDIN	Finite element method with weighted extended b-splines for electromagnetics	SELİM ŞEKER	2007
34	OYTUN TÜRK	Cross-lingual voice conversion	LEVENT ARSLAN	2007
35	AHMET CEZAYIRLI	Adaptive Control Of Nonlinear Systems Using Multiple Identification Models	KEMAL CILIZ	2007
36	BİLGİN METİN	Electronic tunability in analog filters	OĞUZHAN ÇİÇEKOĞLU	2007
37	ORHAN DENİZ GENÇAĞA	Sequential Bayesian Modeling of Non-Stationary Non-Gaussian Processes	AYŞİN BAYTAN ERTÜZÜN	2007
38	BARIŞ ÖZGÜL	Turbo Processing, Pre-Equalization and Space-Time Coding for Continuous Phase Modulation	HAKAN DELİÇ, MUTLU KOCA	2008
39	CEYHUN BURAK AKGÜL	Density Based-Shape Descriptions And Similarity Learning For 3D Object Retrieval	BÜLENT SANKUR	2008
40	MUSTAFA AKTAN	High level power efficient synthesis of FIR based digital systems	GÜNHAN DÜNDAR	2008
41	SELÇUK TALAY	High level modeling of sigma-delta analog to digital converters	GÜNHAN DÜNDAR	2008
42	UĞUR YILDIRAN	LMI Formulations for a Class of Nonconvex Quadratic Programming Problems	KADRI ÖZÇALDIRAN	2008
43	NAZLI GÜNEY	Achievable Rates and Transceiver Design in Ultra-Wideband Communications	HAKAN DELİÇ	2009

44	ÖZSUN SERKAN SÖNMEZ	Circuit level analog design automation	GÜNHAN DÜNDAR	2010
45	HATİCE ÇINAR AKAKIN	Automatic Analysis of Head and Facial Gestures in Video Streams	BÜLENT SANKUR	2010
46	ARMAN SAVRAN	Non-Rigid Registration Based Data-Driven 3D Facial Action Unit Detection	BÜLENT SANKUR	2011
47	FULYA KUNTER	Web-Splines Solutions of 3d Electromagnetic Problems	SELİM ŞEKER	2011
48	İMİRAN ERGÜLER	Security and Privacy Analysis of Authentication Protocols in RFID Systems	EMİN ANARIM	2011
49	OZAN AKTAN	The Design Aspects of an Optically Powered CMOS Receiver Front-End for Electrically Isolated Applications	GÜNHAN DÜNDAR	2011
50	YİĞİT DAĞHAN GÖKDEL	Realization of two Dimensional Mems Based Displays Using Polymer Composite Micro-Scanners Integrated with One Dimensional Polymer Led Arrays	ARDA DENİZ YALÇINKAYA	2011
51	TAYYAR GÜZEL	Broadband Power-Line Noise Modeling and Compensation	HAKAN DELİÇ, KIVANÇ MIHÇAK	2011
52	FATMA SARICA	Current-Mode Cmos Squential Multiple-Valued Logic Circuits	AVNİ MORGÜL	2012
53	OYA ÇELİKTUTAN	Structured And Squential Representations for Human Action Recognition	BÜLENT SANKUR	2013
54	ÖZGÜR ERKENT	Place Recognition with Attentive Robot	IŞIL BOZMA	2013

55	İPEK ŞEN	Multivariate Modeling and Diagnostic Classification of Pulmonary Sounds	YASEMİN KAHYA	2013
56	AHMET YASİN ÇİTKAYA	Modeling and Simulation of Interaction Between Light Sources and Living Biological Tissues	SELİM ŞEKER	2013
57	AYŞE ÇİSEL ARAS	Type-2 Fuzzy Clustering for Fuzzy Modeling Applications	OKYAY KAYNAK	2014
58	ONUR CİHAN	Convergence Rate Analysis and Optimization of Distributed Consensus Algorithms	MEHMET AKAR	2014
59	GİRAY KÖMÜRCÜ	Realization and Analysis of High Performance Physical Unclonable Functions Based on Ring Oscillators	GÜNHAN DÜNDAR	2014
60	ÜLKÜHAN GÜLER	Ring Oscillator Cased Random Number Generators	GÜNHAN DÜNDAR	2014
61	CEMİL DEMİR	Single-Channel Speech-Music Separation for Robust ASR with Mixture of NMF Models	MURAT SARAÇLAR	2014
62	BALKIR KAYAALTI	Asynchronous Sigma-Delta Analog to Digital Converters	ÖMER CERİD	2015
63	DOĞAÇ BAŞARAN	Model Based Multiple Audio Sequence Alignment	EMİN ANARIM	2015
64	HAKAN KARAOĞUZ	Autonomous Multi-Robot Topological Spatial Cognition	IŞIL BOZMA	2015
65	HÜSEYİN AFŞER	Channel Polarization with Higher-Order Memory	HAKAN DELİÇ	2015

66	M. GÖKHAN HABİBOĞLU	Modelling the Population Dynamics in a Cell Culture at Two Different Scales	YAĞMUR DENİZHAN	2015
67	OKAN ZAFER BATUR	Robust Ultra-Wideband Transceiver Integrated Circuit Design	GÜNHAN DÜNDAR	2015
68	ERİNÇ DİKİCİ	Supervised, Semi-Supervised and Unsupervised Methods in Discriminative Language Modeling for Automatic Speech Recognition	MURAT SARAÇLAR	2016
69	FEYYAZ MELİH AKÇAKAYA	Low Power Sigma Delta Analog to Digital Converter Design Methods	GÜNHAN DÜNDAR	2016
70	İSKENDER HAYDAROĞLU	Energy Harvesting Wireless Optical Microsystems	ŞENOL MUTLU	2016
71	RIFAT VOLKAN ŞENYUVA	Sparse Signal Recovery from Incomplete and Perturbed Data	EMİN ANARIM	2016
72	TUĞBA ÖZBİLGİN	Advanced Techniques for the Design of MIMO Free Space Optical Communication Systems	MUTLU KOCA	2016
73	YALÇIN BALCIOĞLU	Standard Cell All-Digital Phase Locked Loop Design, Analysis and High-Level Synthesis	GÜNHAN DÜNDAR	2016
74	BEDRİ GÜRKAN SÖNMEZ	Realization and Modeling of Water-Gated Field Effect Transistors (WG-FET) Using 16-NM-Thick Single Crystalline Silicon Film and Their Circuit Applications	ŞENOL MUTLU	2017
75	M. BATUHAN GÜNDOĞDU	Keyword Search for Low Resource Languages	MURAT SARAÇLAR	2017
76	NEDA BARZEGAR MARVASTI	Content Based Medical Image Retrieval	BURAK ACAR	2017

77	ÖZLEM FEYZA ERKAN	Distributed Group Consensus in Multi-Agent Networks	MEHMET AKAR	2017
78	SEZER ULUKAYA	Time-Frequency and Time-Scale Analysis, Decomposition and Classification of Adventitious Pulmonary Sounds	YASEMİN KAHYA	2017
79	BAYRAM CEVDET AKDENİZ	Molecular Communication in Diffusion Based Channel	ALİ EMRE PUSANE	2018
80	MAHMOOD REZA ALİZADEH ASHRAFİ	Error Mitigation in Next Generation NAND Flash Memories	ALİ EMRE PUSANE	2018
81	MUHARREM ORKUN SAĞLAMDEMİR	Equivalence Checking of Designs Modeled in Simulink Implemented in Low Level	GÜNHAN DÜNDAR	2018