


IŞIK UNIVERSITY
Mechanical Engineering Department
Personnel Data

A. PERSONAL		
Title	Assoc. Prof. Dr.	
Name	Erkin Dinçmen	
Birth Place and Year	Trabzon, 1978	
e-Mail / Personal Web Site	erkin.dincmen@isikun.edu.tr	
Specialization Area	System Dynamics and Control	
Foreign Language	English, German	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2011	Mechanical Engineering	Istanbul Technical University
Master of Science	2003	Mechanical Engineering	Istanbul Technical University
Bachelor of Science	2000	Mechanical Engineering	Istanbul Technical University
Associate			

C. ACADEMIC		
Title	Year	Institution
Professor		
Associate Professor	2019	Işık University
Assistant Professor	2011	Işık University
Lecturer		
Research Assistant		

D. PROFESSIONAL EXPERIENCE	
Year	
a. Domestic	
2011 –	Işık University, Faculty Member of Mechanical Engineering Department
2006 – 11	Researcher, ITU Mekar Laboratory
2002 – 2003	Project Assistant, Arçelik A.Ş.
b. Abroad	

E. ADMINISTRATIVE EXPERIENCE	
a. At Işık University	
2019-	Faculty Administrative Committee Member
2019-	Faculty Board Member
b. At other Institutions	

F. INDUSTRIAL EXPERIENCE		
Year	Company	Title
2002-2003	Arçelik A.Ş.	R&D Project Assistant

G. INSTRUCTED COURSES	
a. At Işık University	b. At the Other Institutions
Modeling and Control of Dynamic Systems	
Computational Methods in Engineering	
Vehicle Dynamics	
Electric and Hybrid Vehicle Technology	
Dynamics	
Introduction to Solid Mechanics	
Industrial Automation	

H. INTERESTED FIELDS
Vehicle Dynamics and Control
Extremum Seeking Control
Sliding Mode Control and Applications
Machine Learning

I. NUMBER OF SUPERVISED GRADUATE THESIS	
Master of Science	2
Doctorate	

J. PUBLICATIONS						
Type	SCI-Exp International Journal Papers	Other International Journal Papers	National Referred Journal Papers	International Symposium Papers	National Symposium Papers	Books / Chapters in Books (Translations Incl.)
Numbers	6	2		9		1
SCI-Exp Total Number of Citations			71			
Important Publications						
Dincmen, E., 2019, A Source Seeking Algorithm with Application to a Quadcopter Model, <i>Optimization and Robotic Applications</i> , 1-26, Nova Science Publishers, ISBN: 978-1-53616-525-8.						
Dincmen, E., 2018, Extremum seeking dead-zone pre-compensator for an industrial control system, <i>Automatisierungstechnik</i> , 66(6), 471-482.						
Dincmen, E., Altinel, T., 2018, An emergency braking controller based on extremum seeking with experimental implementation, <i>International Journal of Dynamics and Control</i> . 6(1), 270-283.						
Dincmen, E., 2017, Design of a global extremum seeking algorithm for an omni-directional robot model, <i>Journal of Control Engineering and Applied Informatics</i> , vol. 19, no. 2, pp. 111-121.						
Dincmen, E., 2017, Extremum seeking control of uncertain systems, <i>TWMS J. of Appl. and Eng. Math</i> , vol. 7, no. 1, pp. 131-141.						
Dincmen, E., 2017, A Gain-Switched Self Optimizer for Braking Controller, <i>International Journal of Adaptive Control and Signal Processing</i> , vol. 31, no. 6, pp. 953-968						
Dincmen, E., Guvenc, B. A., Acarman T., 2014, Extremum Seeking Control of ABS Braking in Road Vehicles with Lateral Force Improvement, <i>IEEE Transactions on Control Systems Technology</i> , vol. 22, no:1, pp. 230-237.						
Dincmen, E., Guvenc, B. A., 2012, A Control Strategy for Parallel Hybrid Electric Vehicles Based On Extremum Seeking, <i>Vehicle System Dynamics</i> , vol. 50, no. 2, pp. 199-227.						

K. RESEARCH EXPERIENCE								
Number of Projects		DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects	
As Supervisor			1					
As Researcher		2	1					
L. REFEREEING								
	SCI-Exp Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers	41		4		10	1	1	

M. INTELLECTUAL PROPERTIES			
Patents #	Utility Models #	Industrial Designs #	Other # (.....)

N. PROFESSIONAL ASSOCIATION MEMBERSHIPS
Turkish National Committee of Automatic Control
Turkish Chamber of Mechanical Engineers