

Assoc. Prof. INDRIT MYDERRIZI

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği (Dr), Turkey 2006 - 2010

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği (YI) (Tezli), Turkey 2000 - 2002

Undergraduate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 1995 - 1999

Dissertations

Doctorate, High-speed design of high-resolution dacs, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği (Dr), 2009

Postgraduate, BICMOS current-mode integrators suitable for low-voltage continuous-time filters, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği (YI) (Tezli), 2002

Academic Titles / Tasks

Associate Professor, Istanbul Gelisim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018 - Continues

Dogus University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2011 - 2017

Research Assistant, Dogus University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2005 - 2011

Academic and Administrative Experience

Istanbul Gelisim University, 2021 - Continues

Istanbul Gelisim University, 2020 - 2021

Istanbul Gelisim University, 2018 - 2020

Courses

Bitirme Projesi, Undergraduate, 2020 - 2021, 2019 - 2020

Control Systems, Undergraduate, 2020 - 2021

Sayısal Elektronik Devreler, Undergraduate, 2020 - 2021, 2019 - 2020
Master Thesis, Postgraduate, 2020 - 2021
Digital MOS Integrated Circuit Design, Postgraduate, 2020 - 2021, 2019 - 2020
Mantıksal Devre Tasarımı, Undergraduate, 2020 - 2021
Active Filter Design, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
Kontrol Kuramı, Undergraduate, 2019 - 2020, 2018 - 2019
Elektronik Devreler, Undergraduate, 2019 - 2020
Aktif Filtre Tasarımı, Postgraduate, 2019 - 2020, 2018 - 2019
Kontrol Sistemleri, Undergraduate, 2018 - 2019
Tümleşik Devreler, Postgraduate, 2018 - 2019
High Frequency Circuit Design, Postgraduate, 2018 - 2019
Integrated Circuits, Postgraduate, 2018 - 2019
Power Electronic Circuits, Undergraduate, 2016 - 2017
Elektrik Mühendisliğinin Temelleri, Undergraduate, 2016 - 2017, 2013 - 2014
Principles of Electrical Engineering, Undergraduate, 2016 - 2017, 2012 - 2013
Electrical Measurements Sensors, Undergraduate, 2016 - 2017
Logic Circuits, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Graduation Project, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012
Lojik Devreler, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Electronic Circuits II, Undergraduate, 2015 - 2016, 2014 - 2015
Digital Electronic Circuits, Postgraduate, 2015 - 2016, 2014 - 2015
Elektronik Devreleri II, Undergraduate, 2015 - 2016
Sayısal Elektronik Devreleri, Undergraduate, 2015 - 2016, 2014 - 2015
Industrial Electronics, Undergraduate, 2014 - 2015, 2013 - 2014
Digital Electronic Circuits, Undergraduate, 2012 - 2013, 2011 - 2012
Digital Design, Undergraduate, 2012 - 2013
Bilgisayara Giriş, Undergraduate, 2011 - 2012
Bilgisayara Giriş, Associate Degree, 2011 - 2012

Articles Published in Other Journals

- I. **Implementation and evaluation of a comprehensive Li-Fi system using Matlab/Simulink**
YILMAZ A. F., MYDERRİZİ I., KALFA B. D.
International Advanced Researches and Engineering Journal, vol.6, no.1, pp.49-55, 2022 (Peer-Reviewed Journal)
- II. **Drone Movement Control by Electroencephalography Signals Based on BCI System**
Abdulwahhab A. H., Myderrizi I., MAHMOOD M. K.
Advances in Electrical and Electronic Engineering, vol.20, no.2, pp.216-224, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Istanbul's Weather on Free-Space Optical Communications**
Alfalih M. K., Myderrizi I., Solyman A., Mohammed M.
6th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2022, Ankara, Turkey, 20 - 22 October 2022, pp.251-256
- II. **Multiple constant multiplication using difference based Adder graph**
Knifati A., Myderrizi I.
10th International Symposium on Signal, Image, Video and Communications, ISIVC 2020, Saint Etienne, France, 7 - 09 April 2021
- III. **Implementation of CNN based COVID-19 classification model from CT images**

Kaya A., Atas K., Myderrizi I.

19th IEEE World Symposium on Applied Machine Intelligence and Informatics, SAMI 2021, Herľany, Slovakia, 21 - 23 January 2021, pp.201-206

IV. Combination of Graph Reduction and Tie-set Techniques for Network Reliability Assessment

Aljbur N., Mahmood M. K., Myderrizi I.

1st Babylon International Conference on Information Technology and Science, BICITS 2021, Babil, Iraq, 28 - 29 April 2021, pp.138-142

V. Reliability Evaluation Using a Clustering Technique Based on Tie-set Method

Mahmood M. K., Myderrizi I.

43rd International Conference on Telecommunications and Signal Processing, TSP 2020, Milan, Italy, 7 - 09 July 2020, pp.139-142