

Lect. PhD Emre Dincel

Personal Information

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Research Areas

Information Systems, Communication and Control Engineering

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Elektrik-Elektronik, Kontrol Ve Otomasyon Mühendisliği, 2019 - Continues

Courses

Intr. to Nonlinear Control Systems, Undergraduate, 2020 - 2021

Intr. to Prog. Language (C), Undergraduate, 2019 - 2020, 2020 - 2021

Programming Techniques in Control, Undergraduate, 2019 - 2020, 2020 - 2021

Microcontroller Systems, Undergraduate, 2019 - 2020, 2020 - 2021

Control System Design, Undergraduate, 2020 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Analytical design of discrete PI-PR controllers via dominant pole assignment**
Mammadov A. D. , Dincel E., Söylemez M. T.
ISA Transactions, 2021 (Journal Indexed in SCI Expanded)
- II. **Robust PID controller design via dominant pole assignment for systems with parametric uncertainties**
Dincel E., Söylemez M. T.
ASIAN JOURNAL OF CONTROL, 2020 (Journal Indexed in SCI)
- III. **Advanced mechanical ventilation modes: design and computer simulations**
Dincel E.
COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING, 2020 (Journal Indexed in SCI)
- IV. **Digital PI-PD controller design for arbitrary order systems: Dominant pole placement approach**
Dincel E., Söylemez M. T.
ISA TRANSACTIONS, vol.79, pp.189-201, 2018 (Journal Indexed in SCI)
- V. **Automata-Based Railway Signaling and Interlocking System Design**
Dincel E., Eris O., Kurtulan S.
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.55, no.4, pp.308-318, 2013 (Journal Indexed in SCI)

Scientific Refereeing

CHEMICAL ENGINEERING SCIENCE, Journal Indexed in SCI-E, November 2020

IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION, Journal Indexed in SCI-E, June 2020

Citations

Total Citations (WOS):36

h-index (WOS):4