

Res. Asst. FERHAT BODUR

Personal Information

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Education Information

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2019 - 2022

Undergraduate, Fırat University, Faculty Of Technology, Department Of Electrical And Electronics Engineering, Turkey 2012 - 2017

Dissertations

Postgraduate, Second Order Sliding Mode Controller Design and Application for Instability Problem of Constant Power Loads in DC Microgrid, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2022

Research Areas

Electrical and Electronics Engineering

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

- Second-order sliding mode controller design of buck converter with constant power load**
KAPLAN O., BODUR F.
INTERNATIONAL JOURNAL OF CONTROL, 2022 (Journal Indexed in SCI)

Articles Published in Other Journals

- Super Twisting Algorithm Based Sliding Mode Controller for Buck Converter Feeding Constant Power Load**
Kaplan O., Bodur F.
International Journal of Renewable Energy Research, vol.12, no.1, pp.134-145, 2022 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- Super twisting algorithm based sliding mode controller for buck converter with constant power load**
KAPLAN O., BODUR F.
9th International Conference on Smart Grid, icSmartGrid 2021, Virtual, Setubal, Portugal, 29 June - 01 July 2021, pp.137-142

II. The Comparing of Linear Damping Methods for Constant Power Loads and Stability Analysis

BODUR F., KAPLAN O., ÖZTÜRK N.

10th IEEE International Conference on Renewable Energy Research and Applications, ICRERA 2021, İstanbul, Turkey, 26 - 29 September 2021, pp.294-300

Citations

Total Citations (WOS):1

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