

Res. Asst. BAYRAM SERCAN BAYRAM

Personal Information

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International Researcher IDs

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Education Information

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İmalat Mühendisliği (YI) (Tezli), Turkey 2019 - Continues

Undergraduate, Gazi University, Teknoloji Fakültesi, İmalat Mühendisliği Bölümü, Turkey 2015 - 2019

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Simulation Optimization, Discrete Simulation, Computer Aided Design and Manufacturing, Machine Dynamics, Mechanical Vibrations

Academic Titles / Tasks

Research Assistant, Gazi University, Teknoloji Fakültesi, İmalat Mühendisliği, 2020 - Continues

Articles Published in Other Journals

- I. **Predicting surface roughness with machine learning**
BAYRAM B. S., YILDIZ O., KORKUT İ.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, 2024 (ESCI)
- II. **Numerical Analysis of End Mill Equations of Motion in Relation to Cutting Force**
Bayram B. S., Korkut İ.
İmalat Teknolojileri ve Uygulamaları, vol.5, no.1, pp.14-22, 2024 (Peer-Reviewed Journal)
- III. **Parmak Frezelerde Kesme Kuvvetlerinin Modellenmesi**
Bayram B. S., Korkut İ.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.10, no.4, pp.964-977, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Fourier Analysis and Modelling of Milling Force Signals

Bayram B. S., Korkut İ.

7. Uluslararası 19 Mayıs Yenilikçi Bilimsel Yaklaşımlar Kongresi, Samsun, Turkey, 19 - 20 May 2022, vol.7, no.47, pp.47-57

II. Topology Optimization of Lattice Structures in Dental Implants

Bayram B. S., Korkut İ.

5th International Iron & Steel Symposium, Karabük, Turkey, 1 - 03 April 2021, vol.1, no.61, pp.58-61

Supported Projects

UZUN G., BAYRAM B. S., KORKUT İ., TEKİNER Z., Project Supported by Higher Education Institutions, Omurga Deformitelerinin Cerrahi Tedavisinde Dinamik Stabilizasyonu Sağlayan Omurga Biyomekaniğine Yakın İmplant Sistemlerinin Araştırılması ve Geliştirilmesi, 2024 - Continues

KORKUT İ., BAYRAM B. S., Project Supported by Higher Education Institutions, Kesici Takım Dinamiğinin Modellenmesi ve Analizi, 2021 - 2022

Metrics

Publication: 5

Non Academic Experience

ASELSAN A.Ş.