

## Res. Asst. Tunahan SAPMAZ

### Personal Information

**Email:** tsapmaz@yildiz.edu.tr

**Web:** <https://avesis.yildiz.edu.tr/tsapmaz>

### International Researcher IDs

ORCID: 0000-0002-7999-3345

ScopusID: 57224121184

Yoksis Researcher ID: 316405

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2021  
- Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey  
2019 - 2021

### Research Areas

Electrical Machine Theory and Design

### Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,  
2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Non-linear Analytical Model For Bread-Loaf Permanent Magnet Machine**  
SAPMAZ T., Ocak O., ÖNER Y.  
Journal of Electrical Engineering and Technology, 2024 (SCI-Expanded)
- II. **Non-linear analytical model for synchronous reluctance machine**  
Solak B., SAPMAZ T., ÖNER Y.  
Journal of Magnetism and Magnetic Materials, vol.571, 2023 (SCI-Expanded)
- III. **A novel hybrid model of electromagnetic performance for induction machine**  
SAPMAZ T., ÖNER Y.  
ELECTRICAL ENGINEERING, vol.104, no.5, pp.3381-3390, 2022 (SCI-Expanded)
- IV. **Improved magnetic equivalent circuit for dual stator consequent pole permanent magnet machine**  
SAPMAZ T., ÖNER Y.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.550, 2022 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

**I. Analytical model of High Speed Permanent Magnet Synchronous Machine**

Sapmaz T.

ENTECH 2019, İstanbul, Turkey, 19 December 2019, pp.1-5

**Metrics**

Publication: 5