

## Asst. Prof. Mehmet Salih TACİ

### Personal Information

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### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Müh. Elektrik Müh., Turkey 1992 - 1999

Postgraduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Elektrik Mühendisliği, Turkey 1990 - 1992

Undergraduate, İstanbul Teknik Üniversitesi, Sakarya Mühendislik Fakültesi, Elektrik Müh., Turkey 1980 - 1985

### Research Areas

Electrical and Electronics Engineering, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Yıldız Teknik Üniversitesi, Elektrik-Elektrik Fakültesi Elektrik Mühendisliği , Elektrik Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Yıldız Teknik Üniversitesi, Elektrik-Elektrik Fakültesi Elektrik Mühendisliği , Elektrik Mühendisliği Bölümü, 1999 - 2018

Research Assistant, Yıldız Teknik Üniversitesi, Elektrik Elektronik Fakültesi Elektrik Mühendisliği Bölümü, Elektrik Mühendisliği, 1990 - 1999

Research Assistant, İstanbul Teknik Üniversitesi, Sakarya Müh. Fakültesi Elektrik Mühendisliği, Elektrik Mühendisliği , 1987 - 1990

### Academic and Administrative Experience

Yıldız Teknik Üniversitesi, Elektrik Elektronik Fakültesi, Elektrik Mühendisliği, 2001 - 2002

### Advising Theses

Tacı M. S. , REJENERATİF FRENLEMENİN ELEKTRİKLİ ARAÇLARDA ETKİLERİ VE GÜÇ ANALİZİ, Postgraduate, Y.Erdem(Student), 2019

TACİ M. S. , Kesintisiz güç kaynaklarının incelenmesi, Postgraduate, S.AKGÜN(Student), 2016

TACİ M. S. , DA çevirici temelli fotovoltaik elektrik üretim sistemlerinin incelenmesi ve simülasyonu, Postgraduate, A.KUMBASAR(Student), 2016

TACİ M. S. , Transformatörlerin geçici rejim akımlarının incelenmesi, Postgraduate, D.ESERDAĞ(Student), 2016

### Articles Published in Other Journals

- I. **Extended Range Current Transformer**  
Taci M. S. , Cebeci B.  
Indian Journal of Applied Research, vol.9, no.3, pp.8-9, 2019 (Refereed Journals of Other Institutions)
- II. **Effect of Regenerative Braking and Power Analysis in Electric Vehicles**  
Taci M. S. , Erdem Y.  
Journal of Current Researches on Engineering, Science and Technology (JoCREST), vol.4, no.2, pp.75-88, 2018  
(Other Refereed National Journals)
- III. **Simulation, Analytical and Experimental Investigation of Power Distribution Across Two Parallel-Connected Transformers**  
TACI M. S. , Tayebi N.  
Indian Journal of Applied Research, pp.256-258, 2014 (Refereed Journals of Other Institutions)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Modeling and Simulation of an Asynchronous Motor Drive for the Traction of an Electric Vehicle Fed by an Inverter Controlled Using SVPWM Control**  
Taci M. S. , Inoussa A. B. , Yeniay N. H. , Tayebi N.  
2 nd International Students Science Congress, İzmir, Turkey, 4 - 05 May 2018, pp.73
- II. **Simulation and Analytical Investigation of Different Combination of Single Phase Power Transformers**  
Taci M. S. , Tayebi N., Bozkır I.  
World Academy of Science, Engineering and Technology International Journal of Electrical and Computer Engineering, Zürich, Switzerland, 15 - 16 September 2017, vol.11, no.9, pp.1002-1014
- III. **Analytical Investigation of Modeling and Simulation of Different Combinations of Sinusoidal Supplied Autotransformer under Linear Loading Conditions**  
Taci M. S. , Tayebi N., Bozkır I.  
World Academy of Science, Engineering and Technology International Journal of Electrical and Computer Engineering, Zürich, Switzerland, 15 - 16 September 2017, vol.11, no.9, pp.994-1001
- IV. **The effects of linear and nonlinear operation modes in transformers**  
Taci M. S. , Domijan A.  
11th International Conference on Harmonics and Quality of Power, New-York, United States Of America, 12 - 15 September 2004, pp.244-249
- V. **Determining the harmonic components of nonlinear impedance loads in terms of resistances and reactances by using a current harmonic method.**  
Taci M. S. , Döşeyen İ.  
9th Mediterranean Electrotechnical Conference (Melecon 98), Tel-Aviv-Yafo, Israel, 18 - 20 May 1998, pp.1000-1003
- VI. **Determining the harmonic effects of nonlinear loads on parallel connected transformers in terms of power factor**  
TACI M. S. , Döşeyen İ., Görgün H.  
1998 Power Quality Conference, PQ 1998, Hyderabad, India, 18 June 1998, pp.129-132
- VII. **Determining the harmonic components of various parallel connected nonlinear impedance loads in terms of resistances and reactances by using a current harmonic method**  
TACI M. S. , Döşeyen İ.  
Polish Society of Theoretical and Applied Electrical Engineering , Poznan, pp.180-183

### Citations

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