

## 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

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

Under Graduate, 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

### Professional Experience

Deputy Head of Department, Yıldız Teknik Üniversitesi, Elektrik Elektronik Fakültesi, Elektrik Mühendisliği, 2001 - 2002

### Advising Theses

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

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

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

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

### Articles Published in Other Journals

- **Extended Range Current Transformer**

Tacı M. S. , Cebeci B.

Indian Journal of Applied Research, vol.9, pp.8-9, 2019 (Refereed Journals of Other Institutions)

- **Effect of Regenerative Braking and Power Analysis in Electric Vehicles**

Tacı M. S. , Erdem Y.

Journal of Current Researches on Engineering, Science and Technology (JoCREST), vol.4, pp.75-78, 2018 (Other

Refereed National Journals)

- **Simulation, Analytical and Experimental Investigation of Power Distribution Across Two Parallel-Connected Transformers**

TACİ M. S. , Tayebi N.

Indian Journal of Applied Research, pp.256-258, 2014 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **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 Mayıs 2018, pp.73

- **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 Eylül 2017, vol.11, no.9, pp.1002-1014

- **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 Eylül 2017, vol.11, no.9, pp.994-1001

- **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 Eylül 2004, pp.244-249

- **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 Mayıs 1998, pp.1000-1003

- **Determining the harmonic effects of nonlinear loads on parallel connected transformers in terms of power factor**

TACİ M. S. , Döşeyen İ., Görgün H.

1998 Power Quality Conference, PQ 1998, Hyderabad, India, 18 Haziran 1998, pp.129-132

- **Investigation Of A Sinusoidally Supplied Transformer Under Line and Non-Linear Loading Conditions**

Taci M. S.

TENCON 2008

- **Determining the harmonic components of various parallel connected nonlinear impedance loads in terms of resistances and reactances by using a current harmonic method**

TACİ M. S. , Döşeyen İ.

Polish Society of Theoretical and Applied Electrical Engineering , Poznan, pp.180-183

## Citations

Total Citations (WOS):2

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