

## **Asst. Prof. Mehmet Salih TACI**

### **Personal Information**

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### **Education Information**

Doctorate, Yıldız Technical University, Fen Bilileri Enstitüsü, Elektrik Müh. Elektrik Müh., Turkey 1992 - 1999

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Mühendisliği, Turkey 1990 - 1992

Undergraduate, İstanbul Technical University, Sakarya Mühendislik Fakültesi, Elektrik Müh., Turkey 1980 - 1985

### **Research Areas**

Electrical and Electronics Engineering, Engineering and Technology

### **Academic Titles / Tasks**

Assistant Professor, Yıldız Technical University, Elektrik-Elektrik Fakültesi Elektrik Mühendisliği , Elektrik Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Yıldız Technical University, Elektrik-Elektrik Fakültesi Elektrik Mühendisliği , Elektrik Mühendisliği Bölümü, 1999 - 2018

Research Assistant, Yıldız Technical University, Elektrik Elektronik Fakültesi Elektrik Mühendisliği Bölümü, Elektrik Mühendisliği, 1990 - 1999

Research Assistant, İstanbul Technical University, 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**

Taci M. S., REJENERATİF FRENLEMENİN ELEKTRİKLİ ARAÇLARDA ETKİLERİ VE GÜC 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 (Peer-Reviewed Journal)
- 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  
(Peer-Reviewed Journal)
- III. **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 (Peer-Reviewed Journal)

### 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**  
TACİ 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**  
TACİ M. S., Döşeyen İ.  
Polish Society of Theoretical and Applied Electrical Engineering , Poznan, pp.180-183

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