

## **Res. Asst. PhD Müjde TÜRKKAN**

### **Personal Information**

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### **Education Information**

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Makine Müh., Turkey 2010 - 2016

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Makine Müh., Turkey 2006 - 2010

Undergraduate, Istanbul University, Mühendislik Fak., Makine Müh., Turkey 2002 - 2006

### **Foreign Languages**

English, B2 Upper Intermediate

### **Dissertations**

Doctorate, Taşıtlarda Devrilme Hareketi Kontrolü, Istanbul University, Makine Mühendisliği, Makine Mühendisliği Anabilim Dalı, 2016

Postgraduate, Otobüslerde Seyir Konforunun Bulanık Mantıklı Kontrolcü Kullanılarak İyileştirilmesi, Istanbul University, Institute of Graduate Studies In Sciences, Makine Müh., 2010

### **Research Areas**

Mechanical Engineering, Machine Theory and Dynamics, Machine Dynamics, Engineering and Technology

### **Academic Titles / Tasks**

Research Assistant, Istanbul University, Mühendislik Fak., Makine Müh., 2009 - Continues

### **Articles Published in Other Journals**

#### **I. Sliding Mode Control of a Bus Suspension System**

TÜRKKAN M., YAĞIZ N.

International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, no.10, pp.1533-1537, 2016 (Peer-Reviewed Journal)

#### **II. Improving Ride Comfort of a Bus Using Fuzzy Logic Controlled Suspension**

TÜRKKAN M., YAĞIZ N.

International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, no.8,

## Refereed Congress / Symposium Publications in Proceedings

- I. **Fuzzy-Sliding Mode Control of a Quarter Bus Model with an Air Suspension System**  
TÜRKKAN M., YAĞIZ N.  
International Conference of Applied Sciences, Engineering and Mathematics, Struga, Macedonia, 5 - 07 May 2017, pp.71
- II. **Vibration Control of a Bus Suspension System with an Air Spring Using PD Type Fuzzy Logic Controller**  
TÜRKKAN M., YAĞIZ N.  
International Conference of Applied Sciences, Engineering and Mathematics, Struga, Macedonia, 5 - 07 May 2017, pp.73
- III. **Multi-Body Analysis of Human Cervical Spine for Whiplash Effect**  
KORKMAZ CAN N., TÜRKKAN M., YAĞIZ N.  
5th International Conference on Electrical, Computer, Mechanical and Mechatronics Engineering, İstanbul, Turkey, 1 - 02 September 2016, pp.12
- IV. **Improving Ride Comfort of a Bus Using Fuzzy Logic Controlled Suspension**  
TÜRKKAN M., YAĞIZ N.  
International Conference on Mechanical, Aeronautical and Manufacturing Engineering, Lisbon, Portugal, 17 - 18 April 2014, vol.8, no.4, pp.534-537
- V. **Improving Ride Comfort Of A Bus Using Fuzzy Logic Controlled Suspension**  
TÜRKKAN M., YAĞIZ N.  
ICMAME, International Conference on Mechanical, Aeronautical and Manufacturing Engineering, Lisbon, Portugal, 17 - 18 April 2014, vol.8, no.4, pp.534-537
- VI. **Fuzzy logic control for active bus suspension system**  
Turkkan M., Yagiz N.  
1st International Conference on Mathematical Modelling in Physical Sciences (IC-MSQUARE), Budapest, Hungary, 3 - 07 September 2012, vol.410
- VII. **Otobüslerde Seyir Konforunun Bulanık Mantıklı Kontrolcü Kullanılarak İyileştirilmesi**  
TÜRKKAN M., YAĞIZ N.  
15. Ulusal Makina Teorisi Sempozyumu, Niğde, Turkey, pp.45-51

## Metrics

Publication: 9

Citation (WoS): 2

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

International Conference of Applied Sciences, Engineering and Mathematics, Attendee, Struga, Macedonia, 2017

5th International Conference on Electrical, Computer, Mechanical and Mechatronics Engineering, Attendee, İstanbul, Turkey, 2016

15. UMTS: Ulusal Makine Teorisi Sempozyumu, Attendee, Niğde, Turkey, 2011