

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Makine Teorisi Ve Kontrol, Turkey 2010 - 2016

Post Graduate, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Makine Teorisi Ve Kontrol, Turkey 2008 - 2010

Under Graduate, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2003 - 2008

Dissertations

Doctorate, Piezoelektrik katmanlı öngerilmeli sistemlerde yüzey ve lamb dalgalarının dispersiyonu, Yıldız Teknik Üniversitesi, Makina Mühendisliği Bölümü, Makine Teorisi Ve Kontrol, 2016

Post Graduate, Akıllı malzemeler yardımıyla plak titreşimlerinin aktif kontrolü, Yıldız Teknik Üniversitesi, Makina Mühendisliği Bölümü, Makine Teorisi Ve Kontrol, 2010

Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations, Mechanical, Continuous Mechanics, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Makine Mühendisliği Bölümü, 2016 - Continues

Research Assistant, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Makine Mühendisliği Bölümü, 2009 - Continues

Courses

Programming, Under Graduate, 2018 - 2019

SYSTEM DYNAMICS AND SIMULATION, Under Graduate, 2019 - 2020

Basic Computer Science, Under Graduate, 2018 - 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Flapwise Bending Vibration Analysis of a Double Tapered Rotating Nonlocal Euler-Bernoulli Beam by the Differential Transform Method**
Kurt I., Kaya M. O.
JOURNAL OF APPLIED MECHANICS AND TECHNICAL PHYSICS, vol.60, pp.959-968, 2019 (Journal Indexed in SCI)
- **The influence of the initial stresses on Lamb wave dispersion in pre-stressed PZT/Metal/PZT sandwich plates**

Kurt İ., Akbarov S., Sezer S.

STRUCTURAL ENGINEERING AND MECHANICS, vol.58, pp.347-378, 2016 (Journal Indexed in SCI)

- **Lamb wave dispersion in a PZT/metal/PZT sandwich plate with imperfect interface**

Kurt İ., Akbarov S., Sezer S.

WAVES IN RANDOM AND COMPLEX MEDIA, vol.26, pp.301-327, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Active Control of Helicopter Ground Resonance with Lead-Lag Actuators**

KURT İ.

International Journal of Engineering Science and Application, vol.2, pp.83-87, 2018 (Refereed Journals of Other Institutions)

- **Comparison of IPD and Fuzzy Logic Velocity Control In Two Degree of Freedom DC Motor System**

Avcu A., Bozkurt A. F. , Erkan K., Kurt İ., Sezer S.

International Journal of Engineering Science and Application, vol.2, pp.1-7, 2018 (National Refreed University Journal)

- **EFFECT OF UNIAXIAL INITIAL STRESSES, PIEZOELECTRICITY AND THIRD ORDER ELASTIC CONSTANTS ON THE NEAR-SURFACE WAVES IN A STRATIFIED HALF-PLANE**

Kurt İ., Akbarov S., Sezer S.

JOURNAL OF THERMAL ENGINEERING, vol.3, pp.1346-1357, 2017 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- **Vibration Reduction of Semi-Trailer Truck Using MR Dampers: A Fuzzy Logic Control Approach**

KURT İ., PAKSOY M., Cetin S., GÜÇLÜ R., SEZER S.

7th International Conference on Mechanical and Aerospace Engineering (ICMAE), London, Canada, 18 - 20 July 2016, pp.336-340

- **ÖN GERİLMELİ PİEZOELEKTRİK ÖRTÜ TABAKASI VE ÖN GERİLMELİ ELASTİK YARI DÜZLEMDE OLUŞAN SİSTEMDE GENELLEŞTİRİLMİŞ RAYLEIGH DALGALARININ DİSPERSİYONU**

SURKHAYA., KURT İ., SEZER S.

XVIII. ULUSAL MEKANİK KONGRESİ, Turkey, 26 - 30 Ağustos 2013, pp.21-29

- **Ön Gerilmeli Piezoelektrik Örtü Tabakası ve Ön Gerilmeli Elastik Yarı Düzlemde Oluşan Sistemde Genelleştirilmiş Rayleigh Dalgalarının Dispersiyonu**

Kurt İ., SEZER S.

- **Dispersion of the near-surface waves in a system consisting of a pre-stressed piezoelectric covering layer and a pre-stressed metallic half-plane**

KURT İ., Sezer S.

- **Modeling a Car with Linear Graph Method and Control with Fuzzy Logic**

Kesici C., KURT İ.

Citations

Total Citations (WOS):12

h-index (WOS):2