

Assoc. Prof. Hüseyin BAYIROĞLU

Personal Information

Email: hbayir@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/hbayir>

Address: Kavakpınar Mah. Alacataş sok. No14 Kardelen sitesi B blok D9 Pendik-İstanbul

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri, Makine, Turkey 1986 - 1995

Postgraduate, Yildiz Technical University, Fen Bilimleri, Makine, Turkey 1980 - 1983

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, Turkey 1974 - 1979

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, 2017 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, 1996 - 2017

Lecturer, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, 1986 - 1996

Courses

Dinamik, Undergraduate, 2017 - 2018

Sayısal Yöntemler, Undergraduate, 2016 - 2017

Statik, Undergraduate, 2015 - 2016

Analitik Mekanik, Undergraduate, 2014 - 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **On Dynamic Behavior of a Nonideal Torsional Machine Suspension Structure**
Alisverisci G. F., BAYIROĞLU H., Balthazar J. M., PALACIOS FELIX J. L., REBELLO DA FONSECA BRASIL R. M. L.
13th Conference on Dynamical Systems - Theory and Applications, Lodz, Poland, 7 - 10 December 2015, vol.181, pp.1-10
- II. **Nonlinear Normal Modes for Unbalanced Mass of Vertical Conveyer-Elevator**
BAYIROĞLU H.
DSTA2015, Lodz, Poland, 07 December 2015, vol.1, pp.81-90
- III. **On A Nonlinear Energy Sink Control (NES) Approach, Applied to an Electro Pendulum Arm, Like Device**
ALIŞVERİŞÇİ G. F., Bayiroğlu H., Felix J., J.L.P. Balthazar J., de Foncea Brazil R.
5th Conference on Nonlinear Vibrations, Localization and Energy Transfer, 01 July 2014
- IV. **Suppressing Chaos in a Double-Well Oscillator with Limited Power Supply Using Electromechanical Damped Device**
BAYIROĞLU H., Balthazar J. M.
11th International Conference on Vibration Problems (ICOVP-2013), 9-12 September, 01 September 2013
- V. **Nonlinear Analysis of Unbalanced Mass of Vertical Conveyer-Elevator**

Bayiroglu H.

1st International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.66-70

- VI. **COMPUTATIONAL DYNAMIC ANALYSIS OF UNBALANCED MASS OF VERTICAL CONVEYER-ELEVATOR**
BAYIROĞLU H.
6TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 01 April 2007
- VII. **SIKI GEÇME BAĞLANTILARI İÇİN GEREKLİ SIKILIK DEĞERLERİNİN EKSENEL SİMETRİK SONLU ELEMANLAR YARDIMI İLE BULUNUŞU**
BAYIROĞLU H.
12. Uluslararası Makine Tasarım ve İmalat Kongresi, 01 August 2006
- VIII. **SERBEST YÜZEYİNDEN DİNAMİK ZORLANMA ETKİSİNDE OLAN SİLİNDİRİK BOŞLUK İÇEREN YARIM DÜZLEM**
BAYIROĞLU H., Engin H.
II. HESAPLAMALI MEKANİK KONFERANSI, 01 September 1996
- IX. **YARIM UZAYDA GÖMÜLÜ YAPILARIN ZORLANMIŞ TİTREŞİMLERİ**
BAYIROĞLU H., Engin H.
I. ULUSAL HESAPLAMALI MEKANİK KONFERANSI, 01 June 1993

Metrics

Publication: 15

Citation (WoS): 22

Citation (Scopus): 24

H-Index (WoS): 3

H-Index (Scopus): 3