

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, The University Of Manchester, Umist, İngiltere 1975 - 1978

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Türkiye 1972 - 1975

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1968 - 1973

Yaptığı Tezler

Doktora, An Investigation Into the Mathematical Modelling of Damped Mechanical Structures, The University Of Manchester, Umist, 1978

Araştırma Alanları

Makina Mühendisliği, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1989 - Devam Ediyor

Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1983 - 1989

Doç.Dr., The Ohio State University, Faculty Of Engineering, Mechanical Engineering Department, 1985 - 1987

Yrd.Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1980 - 1983

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1979 - 1980

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, 1973 - 1979

Mesleki Deneyim

Rektör Yardımcısı, Orta Doğu Teknik Üniversitesi, Rektörlük, 2008 - 2016

Rektör Danışmanı, Orta Doğu Teknik Üniversitesi, Rektörlük, 1995 - 1998

Yönetilen Tezler

ÖZGÜVEN H. N. , CİĞEROĞLU E., A new modal superposition method for nonlinear vibration analysis of structures using hybrid mode shapes, Yüksek Lisans, E.FERHATOĞLU(Öğrenci), 2018

ÖZGÜVEN H. N. , INVESTIGATION OF DECOUPLING TECHNIQUES FOR LINEAR AND NONLINEAR SYSTEMS, Doktora, T.KALAYCIOĞLU(Öğrenci), 2018

ÖZGÜVEN H. N. , CİĞEROĞLU E., A parametric study on planetary gear dynamics, Doktora, V.YALIN(Öğrenci), 2018

ÖZGÜVEN H. N. , Dynamic modelling in micromachining, Yüksek Lisans, E.ERSOY(Öğrenci), 2015

ÖZGÜVEN H. N. , Development of a model updating technique for nonlinear systems, Doktora, G.CANBALOĞLU(Öğrenci), 2015

ÖZGÜVEN H. N. , Active vibration control of beams and cylindrical structures using piezoelectric patches, Yüksek Lisans, C.GENÇOĞLU(Öğrenci), 2014

ÖZGÜVEN H. N. , Analysis and modelling of machine tool dynamics and cutting stability during operation, Doktora, O.ÖZŞAHİN(Öğrenci), 2014

ÖZGÜVEN H. N. , Identification of localized nonlinearity for dynamic analysis of structures, Doktora, M.AYKAN(Öğrenci), 2013

ÖZGÜVEN H. N. , Identification of nonlinearities in structural dynamics by using artificial neural networks and optimization, Yüksek Lisans, A.KOYUNCU(Öğrenci), 2013

KÜLAH H., ÖZGÜVEN H. N. , MEMS piezoelectric energy harvester for cochlear implant applications, Yüksek Lisans, L.BEKER(Öğrenci), 2013

ÖZGÜVEN H. N. , Active vibration control of beam and plates by using piezoelectric patch actuators, Yüksek Lisans, İ.FURKAN(Öğrenci), 2013

ÖZGÜVEN H. N. , Dynamic modeling of structural joints, Yüksek Lisans, Ş.TOL(Öğrenci), 2012

ÖZGÜVEN H. N. , CİĞEROĞLU E., Possibilistic interpretation of mistuning in bladed disks by fuzzy algebra, Yüksek Lisans, H.ÇAĞLAR(Öğrenci), 2012

ÖZGÜVEN H. N. , Harmonic response of large engineering structures with nonlinear modifications, Yüksek Lisans, T.KALAYCIOĞLU(Öğrenci), 2011

ÖZGÜVEN H. N. , The effects of structural modifications on acoustic characteristics of enclosed bodies, Yüksek Lisans, Ö.DEMİRKAN(Öğrenci), 2010

ÖZGÜVEN H. N. , Determination of dynamically equivalent fe models of aircraft structures by using modal test data, Yüksek Lisans, T.KARAAĞAÇLI(Öğrenci), 2010

ÖZGÜVEN H. N. , CİĞEROĞLU E., On the non-linear vibration and mistuning identification of bladed disks, Yüksek Lisans, M.ERSİN(Öğrenci), 2010

ÖZGÜVEN H. N. , Finite element structural model updating by using experimental frequency response functions, Yüksek Lisans, M.ÖZTÜRK(Öğrenci), 2009

ÖZGÜVEN H. N. , Harmonic vibration analysis of large structures with local nonlinearity, Yüksek Lisans, D.ABAT(Öğrenci), 2009

ÖZGÜVEN H. N. , Nonlinear dynamic modeling and analysis of spindle-tool assemblies in machining centers ve doğrusal olmayan dinamik modellemesi, Yüksek Lisans, Z.MURAT(Öğrenci), 2009

ÖZGÜVEN H. N. , Human tibial bone strength prediction by vibration analysis for diagnosing progressing osteoporosis, Yüksek Lisans, B.BEDİZ(Öğrenci), 2009

ÖZGÜVEN H. N. , An investigation on dynamic contact parameters in machining center spindle?tool assemblies, Yüksek Lisans, O.ÖZŞAHİN(Öğrenci), 2008

ÖZGÜVEN H. N. , Nonlinear vibrations of mistuned bladed disk assemblies, Yüksek Lisans, G.ORBAY(Öğrenci), 2008

ÖZGÜVEN H. N. , Vibration analysis of PCBs and electronic components, Yüksek Lisans, B.AYTEKİN(Öğrenci), 2008

ÖZGÜVEN H. N. , Dynamic modeling and analysis of vibration effects on performance in optical systems, Yüksek Lisans, A.LEVENT(Öğrenci), 2008

ÖZGÜVEN H. N. , Modal identification of nonlinear substructures and implementation in structural coupling analysis, Yüksek Lisans, Ö.ARSLAN(Öğrenci), 2008

ÖZGÜVEN H. N. , Modeling part dynamics in machining processes considering material removal, Yüksek Lisans, S.ATLAR(Öğrenci), 2007

ÖZGÜVEN H. N. , Non-linear vibration analysis of bladed disks with dry damper, Yüksek Lisans, E.CİĞEROĞLU(Öğrenci), 2002

ÖZGÜVEN H. N. , Dynamic analysis of spur gears, Yüksek Lisans, C.ULAŞ(Öğrenci), 1999

ÖZGÜVEN H. N. , A New method on identification of symmetrical non-linearities in structures, Yüksek Lisans, M.BÜLENT(Öğrenci), 1999

ÖZGÜVEN H. N. , Computer based teaching using hypermedia for the mechanical vibration course, Yüksek Lisans, M.ÖZBEK(Öğrenci), 1996

ÖZGÜVEN H. N. , Harmonic forced vibration analysis of assembled structures with nonlinear coupling, Yüksek Lisans, M.DEVRİM(Öğrenci), 1994

ÖZGÜVEN H. N. , Non-linear dynamic analysis of geared rotors to internal excitation by using describing functions and finite element methods, Doktora, R.MALİHA(Öğrenci), 1994

ÖZGÜVEN H. N. , Dynamic analysis of multi stage helical geared rotors with transfer matrix method, Yüksek Lisans, S.TARKAN(Öğrenci), 1994

ÖZGÜVEN H. N. , Vibration analysis of damped structures and structural reanalysis using a new structural modification method, Yüksek Lisans, M.TAHTALI(Öğrenci), 1992

ÖZGÜVEN H. N. , Dynamic modeling and analysis of multi-geared rotors including lateral and torsional vibration coupling,

Yüksek Lisans, D.YILMAZ(Öğrenci), 1991

ÖZGÜVEN H. N. , Fault diagnosis of gears by computer simulation, Yüksek Lisans, M.YALÇINTAŞ(Öğrenci), 1990

ÖZGÜVEN H. N. , Dynamic analysis of geared shaft systems by using continuous system models, Yüksek Lisans, Ö.SAADET(Öğrenci), 1989

ÖZGÜVEN H. N. , Dynamic analysis of nonlinear structures for harmonic excitation, Yüksek Lisans, E.BUDAK(Öğrenci), 1989

ÖZGÜVEN H. N. , Vibration analysis of structures using substructure synthesis, Yüksek Lisans, N.ÇETİNKAYA(Öğrenci), 1989

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **A novel modal superposition method with response dependent nonlinear modes for periodic vibration analysis of large MDOF nonlinear systems**
Ferhatoglu E., CİĞEROĞLU E., ÖZGÜVEN H. N.
Mechanical Systems and Signal Processing, cilt.135, 2020 (SCI İndekslerine Giren Dergi)
- **A new modal superposition method for nonlinear vibration analysis of structures using hybrid mode shapes**
Ferhatoglu E., Ciğeroğlu E., Özgüven H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.107, ss.317-342, 2018 (SCI İndekslerine Giren Dergi)
- **FRF decoupling of nonlinear systems**
Kalaycoglu T., ÖZGÜVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.102, ss.230-244, 2018 (SCI İndekslerine Giren Dergi)
- **Localization and identification of structural nonlinearities using cascaded optimization and neural networks**
Koyuncu A., Ciğeroğlu E., Özgüven H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.95, ss.219-238, 2017 (SCI İndekslerine Giren Dergi)
- **Model updating of nonlinear structures from measured FRFs**
Canbaloglu G., ÖZGÜVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.80, ss.282-301, 2016 (SCI İndekslerine Giren Dergi)
- **Identification of bearing dynamics under operational conditions for chatter stability prediction in high speed machining operations**
ÖZŞAHİN O., Budak E., ÖZGÜVEN H. N.
PRECISION ENGINEERING-JOURNAL OF THE INTERNATIONAL SOCIETIES FOR PRECISION ENGINEERING AND NANOTECHNOLOGY, cilt.42, ss.53-65, 2015 (SCI İndekslerine Giren Dergi)
- **Dynamic characterization of bolted joints using FRF decoupling and optimization**
Tol S., ÖZGÜVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, ss.124-138, 2015 (SCI İndekslerine Giren Dergi)
- **In-process tool point FRF identification under operational conditions using inverse stability solution**
ÖZŞAHİN O., Budak E., ÖZGÜVEN H. N.
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.89, ss.64-73, 2015 (SCI İndekslerine Giren Dergi)
- **Analytical modeling of asymmetric multi-segment rotor - bearing systems with Timoshenko beam model including gyroscopic moments**
Ozsahin O., ÖZGÜVEN H. N. , Budak E.
COMPUTERS & STRUCTURES, cilt.144, ss.119-126, 2014 (SCI İndekslerine Giren Dergi)
- **Nonlinear structural modification and nonlinear coupling**
Kalaycioglu T., ÖZGÜVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.46, ss.289-306, 2014 (SCI İndekslerine Giren Dergi)
- **Parametric identification of nonlinearity in structural systems using describing function inversion**
Aykan M., ÖZGÜVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.40, ss.356-376, 2013 (SCI İndekslerine Giren Dergi)
- **Mistuning Identification of Integrally Bladed Disks With Cascaded Optimization and Neural Networks**
Yumer M. E. , Ciğeroğlu E., Özgüven H. N.

JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME, cilt.135, 2013 (SCI İndekslerine Giren Dergi)

• **A New Design Approach for Rapid Evaluation of Structural Modifications Using Neural Networks**

Demirkan O., Olceroglu E., BAŞDOĞAN F. İ. , ÖZGÜVEN H. N.

JOURNAL OF MECHANICAL DESIGN, cilt.135, 2013 (SCI İndekslerine Giren Dergi)

• **A new method to determine dynamically equivalent finite element models of aircraft structures from modal test data**

Karaağaçlı T., Yıldız E. N. , ÖZGÜVEN H. N.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.31, ss.94-108, 2012 (SCI İndekslerine Giren Dergi)

• **Prediction of workpiece dynamics and its effects on chatter stability in milling**

Budak E., Tunc L. T. , Alan S., ÖZGÜVEN H. N.

CIRP ANNALS-MANUFACTURING TECHNOLOGY, cilt.61, ss.339-342, 2012 (SCI İndekslerine Giren Dergi)

• **Parametric identification of structural nonlinearities from measured frequency response data**

Arslan O., Aykan M., ÖZGÜVEN H. N.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.25, ss.1112-1125, 2011 (SCI İndekslerine Giren Dergi)

• **Analysis and compensation of mass loading effect of accelerometers on tool point FRF measurements for chatter stability predictions**

ÖZŞAHİN O., ÖZGÜVEN H. N. , Budak E.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.50, ss.585-589, 2010 (SCI İndekslerine Giren Dergi)

• **Vibration measurements predict the mechanical properties of human tibia**

Bediz B., ÖZGÜVEN H. N. , Korkusuz F.

CLINICAL BIOMECHANICS, cilt.25, ss.365-371, 2010 (SCI İndekslerine Giren Dergi)

• **A method in model updating using Miscorrelation Index sensitivity**

Kozak M. T. , Öztürk M., ÖZGÜVEN H. N.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.23, ss.1747-1758, 2009 (SCI İndekslerine Giren Dergi)

• **A closed-form approach for identification of dynamical contact parameters in spindle-holder-tool assemblies**

ÖZŞAHİN O., ERTURK A., ÖZGÜVEN H. N. , Budak E.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.49, ss.25-35, 2009 (SCI İndekslerine Giren Dergi)

• **Identification of structural non-linearities using describing functions and the Sherman-Morrison method**

Ozer M. B. , ÖZGÜVEN H. N. , Royston T. J.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.23, ss.30-44, 2009 (SCI İndekslerine Giren Dergi)

• **Selection of design and operational parameters in spindle-holder-tool assemblies for maximum chatter stability by using a new analytical model**

Erturk A., Budak E., Ozguven H. N.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.47, ss.1401-1409, 2007 (SCI İndekslerine Giren Dergi)

• **Effect analysis of bearing and interface dynamics on tool point FRF for chatter stability in machine tools by using a new analytical model for spindle-tool assemblies**

Ertuerk A., Oezgueven H. N. , Budak E.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.47, ss.23-32, 2007 (SCI İndekslerine Giren Dergi)

• **Analytical modeling of spindle-tool dynamics on machine tools using Timoshenko beam model and receptance coupling for the prediction of tool point FRF**

Erturk A., Ozguven H. N. , Budak E.

INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.46, ss.1901-1912, 2006 (SCI İndekslerine Giren Dergi)

• **Nonlinear vibration analysis of bladed disks with dry friction dampers**

Cigeroglu E., Ozguven H. N.

- JOURNAL OF SOUND AND VIBRATION, cilt.295, ss.1028-1043, 2006 (SCI İndekslerine Giren Dergi)
- **A modeling approach for analysis and improvement of spindle-holder-tool assembly dynamics**
Budak E., Erturk A., Ozguven H. N.
CIRP ANNALS-MANUFACTURING TECHNOLOGY, cilt.55, ss.369-372, 2006 (SCI İndekslerine Giren Dergi)
 - **Nonlinear dynamic modeling of gear-shaft-disk-bearing systems using finite elements and describing functions**
Maliha R., Dogruer C., Ozguven H. N.
JOURNAL OF MECHANICAL DESIGN, cilt.126, ss.534-541, 2004 (SCI İndekslerine Giren Dergi)
 - **A modal superposition method for non-linear structures**
Kuran B., Ozguven H. N.
JOURNAL OF SOUND AND VIBRATION, cilt.189, ss.315-339, 1996 (SCI İndekslerine Giren Dergi)
 - **DYNAMIC ANALYSIS OF GEARED SHAFT SYSTEMS BY USING A CONTINUOUS SYSTEM MODEL**
Şener Ö. S. , ÖZGÜVEN H. N.
JOURNAL OF SOUND AND VIBRATION, cilt.166, ss.539-556, 1993 (SCI İndekslerine Giren Dergi)
 - **FORCED HARMONIC RESPONSE ANALYSIS OF NONLINEAR STRUCTURES USING DESCRIBING FUNCTIONS**
TANRIKULU O., KURAN B., OZGUVEN H. N. , IMREGUN M.
AIAA JOURNAL, cilt.31, ss.1313-1320, 1993 (SCI İndekslerine Giren Dergi)
 - **ITERATIVE RECEPTANCE METHOD FOR DETERMINING HARMONIC RESPONSE OF STRUCTURES WITH SYMMETRICAL NONLINEARITIES**
BUDAK E., OZGUVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.7, ss.75-87, 1993 (SCI İndekslerine Giren Dergi)
 - **DYNAMIC ANALYSIS OF GEARED ROTORS BY FINITE-ELEMENTS**
KAHRAMAN A., OZGUVEN H. N. , HOUSER D., ZAKRAJSEK J.
JOURNAL OF MECHANICAL DESIGN, cilt.114, ss.507-514, 1992 (SCI İndekslerine Giren Dergi)
 - **A NONLINEAR MATHEMATICAL-MODEL FOR DYNAMIC ANALYSIS OF SPUR GEARS INCLUDING SHAFT AND BEARING DYNAMICS**
OZGUVEN H. N.
JOURNAL OF SOUND AND VIBRATION, cilt.145, ss.239-260, 1991 (SCI İndekslerine Giren Dergi)
 - **STRUCTURAL MODIFICATIONS USING FREQUENCY-RESPONSE FUNCTIONS**
OZGUVEN H. N.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, cilt.4, ss.53-63, 1990 (SCI İndekslerine Giren Dergi)
 - **DYNAMIC ANALYSIS OF HIGH-SPEED GEARS BY USING LOADED STATIC TRANSMISSION ERROR**
OZGUVEN H. N. , HOUSER D.
JOURNAL OF SOUND AND VIBRATION, cilt.125, ss.71-83, 1988 (SCI İndekslerine Giren Dergi)
 - **MATHEMATICAL-MODELS USED IN GEAR DYNAMICS - A REVIEW**
OZGUVEN H. N. , HOUSER D.
JOURNAL OF SOUND AND VIBRATION, cilt.121, ss.383-411, 1988 (SCI İndekslerine Giren Dergi)
 - **AN EXPERIMENTAL AND ANALYTICAL STUDY OF IMPACT FORCES DURING HUMAN JUMPING**
OZGUVEN H. N. , BERME N.
JOURNAL OF BIOMECHANICS, cilt.21, ss.1061-1066, 1988 (SCI İndekslerine Giren Dergi)
 - **A NEW METHOD FOR HARMONIC RESPONSE OF NONPROPORTIONALLY DAMPED STRUCTURES USING UNDAMPED MODAL DATA**
OZGUVEN H. N.
JOURNAL OF SOUND AND VIBRATION, cilt.117, ss.313-328, 1987 (SCI İndekslerine Giren Dergi)
 - **SUPPRESSING THE 1ST AND 2ND RESONANCES OF BEAMS BY DYNAMIC VIBRATION ABSORBERS**
OZGUVEN H. N. , CANDIR B.
JOURNAL OF SOUND AND VIBRATION, cilt.111, ss.377-390, 1986 (SCI İndekslerine Giren Dergi)
 - **ON THE CRITICAL SPEED OF CONTINUOUS SHAFT-DISK SYSTEMS**
OZGUVEN H. N.
JOURNAL OF VIBRATION ACOUSTICS STRESS AND RELIABILITY IN DESIGN-TRANSACTIONS OF THE ASME, cilt.106, ss.59-61, 1984 (SCI İndekslerine Giren Dergi)
 - **WHIRL SPEEDS AND UNBALANCE RESPONSE OF MULTIBEARING ROTORS USING FINITE-**

ELEMENTS

OZGUVEN H. N. , OZKAN Z.

JOURNAL OF VIBRATION ACOUSTICS STRESS AND RELIABILITY IN DESIGN-TRANSACTIONS OF THE ASME, cilt.106, ss.72-79, 1984 (SCI İndekslerine Giren Dergi)

- **Receptances of non proportionally and continuously damped plates Reduced dampers method**

ÖZGÜVEN H. N.

Journal Of Sound And Vibration, cilt.85, ss.383-395, 1982 (SCI Expanded İndekslerine Giren Dergi)

- **Receptances of non proportionally and continuously damped plates equivalent dampers method**

ÖZGÜVEN H. N. , COWLEY A.

Journal Of Sound And Vibration, cilt.76, ss.23-41, 1981 (SCI Expanded İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

- **New FRF Based Methods for Substructure Decoupling**

Kalaycıoğlu T., ÖZGÜVEN H. N.

Dynamics of Coupled Structures, Volume 4, Matt Allen, Randall L. Mayes, Daniel Rixen , Editör, Springer, ss.463-472, 2016

- **Experimental Validation of Pseudo Receptance Difference (PRD) Method for Nonlinear Model Updating**

CANBALOĞLU G., ÖZGÜVEN H. N.

Nonlinear Dynamics, Volume 1, Gaëtan Kerschen , Editör, SPRINGER, ss.293-306, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Extended Abstract: Dynamic Behavior of a Compliant Mechanism Driven by Stacked Piezoelectric Actuators**

Koyuncu A., ŞAHİN M., ÖZGÜVEN H. N.

36th IMAC Conference and Exposition on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 12 - 15 Şubat 2018, ss.77-79

- **Reduction of Helicopter Rotor Vibratory Loads Through Robust and Hybrid Optimization**

BİLEN M. E. , CİĞEROĞLU E., ÖZGÜVEN H. N.

6th Asian / Australian Rotorcraft Forum (ARF), 7 - 09 Kasım 2017

- **Dynamic Modelling of Split-Torque Face-Gear Drive Systems**

AYDOĞAN M. Ö. , SARIBAY Z. S. , ÖZGÜVEN H. N.

American Society of Mechanical Engineers International Design Engineering Technical Conferences, 6 - 09 Ağustos 2017

- **Dynamic Decoupling of Nonlinear Systems**

Kalaycıoğlu T., ÖZGÜVEN H. N.

35th IMAC Conference and Exposition on Structural Dynamics, California, Amerika Birleşik Devletleri, 30 Ocak - 02 Şubat 2017, ss.199-203

- **Modeling and Measurement of Micro End Mill Dynamics Using Inverse Stability Approach**

YILMAZ E., BUDAK E., ÖZGÜVEN H. N.

7th CIRP Conference on High Performance Cutting (HPC), Chemnitz, Almanya, 31 Mayıs - 02 Haziran 2016, cilt.46, ss.242-245

- **Model Updating of a Nonlinear System: Gun Barrel of a Battle Tank**

Canbaloglu G., ÖZGÜVEN H. N.

34th IMAC Conference and Exposition on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 25 - 28 Ocak 2016, ss.365-387

- **A Modal Superposition Method for the Analysis of Nonlinear Systems**

Ferhatoglu E., CİĞEROĞLU E., ÖZGÜVEN H. N.

34th IMAC Conference and Exposition on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 25 - 28 Ocak 2016, ss.269-278

- **New FRF Based Methods for Substructure Decoupling**

Kalaycioglu T., ÖZGÜVEN H. N.

34th IMAC Conference and Exposition on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 25 - 28 Ocak 2016, ss.463-472

- **Optimization of Tooth Bending Fatigue Characteristics of Spur Gear Pairs Using a Gear Dynamics-Based Approach**

Ozturk Y., CİĞEROĞLU E., ÖZGÜVEN H. N.

ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Massachusetts, Amerika Birleşik Devletleri, 2 - 05 Ağustos 2015

- **Optimization of Tooth Bending Fatigue Characteristics of Spur Gear Pairs using a Gear Dynamics based Approach**

ÖZTÜRK Y., CİĞEROĞLU E., ÖZGÜVEN H. N.

ASME 2015 International Design Engineering Technical Conferences, Boston, Amerika Birleşik Devletleri, 2 - 05 Ağustos 2015

- **Experimental Validation of Pseudo Receptance Difference (PRD) Method for Nonlinear Model Updating**

Canbaloglu G., ÖZGÜVEN H. N.

33rd IMAC Conference and Exposition on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 2 - 05 Şubat 2015, ss.293-306

- **Optimum Profile Modifications for the Minimization of Dynamic Transmission Error**

ÖZTÜRK V. Y. , CİĞEROĞLU E., ÖZGÜVEN H. N.

International Gear Conference, 26 - 28 Ağustos 2014

- **Nonlinear Structural Coupling: Experimental Application**

Kalaycioglu T., ÖZGÜVEN H. N.

32 International Modal Analysis Conference on Structural Dynamics, Florida, Amerika Birleşik Devletleri, 3 - 06 Şubat 2014, ss.241-248

- **Analytical modeling of the machine tool spindle dynamics under operational conditions**

ÖZŞAHİN O., Budak E., ÖZGÜVEN H. N.

37th International MATADOR 2012 Conference, Manchester, İngiltere, 25 - 27 Temmuz 2012, ss.117-120

- **Finite Element Modeling of MEMS Piezoelectric Energy Harvester**

Beker L., Muhtaroglu A., ÖZGÜVEN H. N. , KÜLAH H.

NSTI Nanotechnology Conference and Expo (Nanotech 2012), Santa-Clara, Küba, 18 - 21 Haziran 2012, ss.633-636

- **Harmonic Response of Large Engineering Structures with Nonlinear Modifications**

Kalaycioglu T., ÖZGÜVEN H. N.

8th International Conference on Structural Dynamics (EURODYN), Leuven, Belçika, 4 - 06 Temmuz 2011, ss.3623-3629

- **Investigating Dynamics of Machine Tool Spindles under Operational Conditions**

ÖZŞAHİN O., Budak E., ÖZGÜVEN H. N.

13th CIRP Conference on Modelling of Machining Operations, Sintra, Portekiz, 12 - 13 Mayıs 2011, cilt.223, ss.610-612

- **Robustness Analysis of Intentional Mistuning Patterns in Randomly Mistuned Bladed Disk Assemblies**

Yumer M. E. , CİĞEROĞLU E., ÖZGÜVEN H. N.

International Conference on Noise and Vibration Engineering (ISMA)/Conference of USD, Leuven, Belçika, 20 - 22 Eylül 2010, ss.4865-4874

- **Prediction of Vibro-Acoustic Response of Enclosed Spaces by Using Structural Modification Techniques**

Demirkan O., BAŞDOĞAN F. İ. , ÖZGÜVEN H. N. , ÇALIŞKAN M.

International Conference on Noise and Vibration Engineering (ISMA)/Conference of USD, Leuven, Belçika, 20 - 22 Eylül 2010, ss.4293-4306

- **Dynamic modeling of optical systems in order to study vibration effect on performance**

Avsar A. L. , ÖZGÜVEN H. N.

Conference on Current Developments in Lens Design and Optical Engineering XI - and Advances in Thin Film Coatings VI, California, Amerika Birleşik Devletleri, 1 - 03 Ağustos 2010, cilt.7786

- **The use of noise measurements in machining stability analysis**

Özlu E., ÖZŞAHİN O., Budak E., ÖZGÜVEN H. N.

36th International Congress and Exhibition on Noise Control Engineering, INTER-NOISE 2007, İstanbul, Türkiye, 28 - 31 Ağustos 2007, cilt.7, ss.4881-4894

- **Twenty years of computational methods for harmonic response analysis of non-proportionally damped systems**

Ozguven H.

20th IMAC Conference on Structural Dynamics, Los-Angeles, Şili, 4 - 07 Şubat 2002, cilt.4753, ss.390-396

- **Modal Identification of Damped Structures From Response Measurements**

ÖZGÜVEN H. N. , YAMAN Y.

3rd International Modal Analysis Conference (IMAC), Florida, Amerika Birleşik Devletleri, 2 - 04 Eylül 1985

- **Sönümlü Yapıların Dinamik Özelliklerinin Titreşim Ölçümlerinden Bulunması Üzerine Bir Yöntem**

YAMAN Y., ÖZGÜVEN H. N.

1. Ulusal Makina Teorisi Sempozyumu, Ankara, Türkiye, 3 - 06 Eylül 1984

Desteklenen Projeler

ÖZGÜVEN H. N. , Avrupa Komisyonu Destekli Proje, models, EXperiments and high PERformance computing for Turbine mechanical Integrity and Structural dynamics in Europe, 2017 - 2021

Atıflar

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