

# Prof. HASAN ÖZTÜRK

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: P-2870-2019

ScopusID: 57129064700

Yoksis Researcher ID: 171476

## Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makine Teorisi Ve Dinamiği (Dr), Turkey 2001 - 2006

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makine Teorisi Ve Dinamiği (YI) (Tezli), Turkey 1995 - 1999

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1991 - 1995

## Dissertations

Doctorate, Gearbox health monitoring and fault detection using vibration analysis, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makine Teorisi Ve Dinamiği (Dr), 2006

Postgraduate, Effect of spring stiffness and spring position on the dynamic stability of cantilever, non-uniform cross-sectioned, timoshenko beams subjected to periodic axial loading, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makine Teorisi Ve Dinamiği (YI) (Tezli), 1999

## Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Machine Dynamics, Mechanisms, Mechatronics, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations, Engineering and Technology

## Academic Titles / Tasks

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2017 - Continues

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2012 - 2017

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2010 - 2012

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 1996 - 2010

## Academic and Administrative Experience

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2022 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina

Mühendisliği Bölümü, 2021 - Continues

Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2021 - Continues

Enstitü Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2019 - 2022

Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2018 - 2021

Vice Dean, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2017 - 2017

Fakülte Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2013 - 2016

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2013 - 2016

Fakülte Yönetim Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2010 - 2012

## Courses

KOL MEKANİZMALARININ SENTEZİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Ph.D. Seminar, Doctorate, 2023 - 2024

M.Sc.Thesis (Makina), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DYNAMICS OF MACHINERY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

KOL MEKANİZMALARININ SENTEZİ (İkinci Öğretim), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

M.Sc. Research (Mekatronik), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DYNAMICS OF MACHINERY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

M.Sc. Seminar, Postgraduate, 2023 - 2024

M.Sc. Seminar (Mekatronik), Postgraduate, 2023 - 2024

Ph.D. Research (Mekatronik), Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

M.Sc.Research (Makina), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.Sc.Thesis (Mekatronik), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

KESTİRİMCİ BAKIM ESASLARI VE TEK. (İkinci Öğretim)), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Linear Vibration Analysis, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

KESTİRİMCİ BAKIM ESASLARI VE TEK., Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

MECHANISMS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

BİTİRME PROJESİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Araştırma Projesi (İkinci Öğretim), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

BİTİRME PROJESİ (İkinci Öğretim), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015

MECHANISMS (İkinci Öğretim), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ARAŞTIRMA PROJESİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018,

2016 - 2017, 2015 - 2016

Ph.D. Thesis (Mekatronik), Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Ph.D. Research (Makina), Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Ph.D. Thesis (Makina), Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Energy Methods in Vibrations, Postgraduate, 2019 - 2020, 2018 - 2019

## Advising Theses

Öztürk H., Daş O., Effect of curing process of on dynamic properties of composite pressure vessel, Postgraduate, Ş.İNCE(Student), 2023

Öztürk H., Bir yapının aktif kütle sistemleri ile titreşim kontrolü, Doctorate, R.CAN(Student), 2022

ÖZTÜRK H., Asılı kütle-yay sisteminin çerçeve yapıların düzlem içi doğal frekansları üzerindeki etkileri, Postgraduate, H.ERKAN(Student), 2021

ÖZTÜRK H., Alüminyum-mineral kompozit kırımların ve plakaların mekanik ve dinamik analizi, Doctorate, O.DAŞ(Student), 2020

ÖZTÜRK H., Hareketli yüklere maruz kalan kompleks yapıların titreşim analizi, Doctorate, S.DEMİRTAŞ(Student), 2020

ÖZTÜRK H., Ön gerilmeli çatlaklı kompozit ve izotropik eğri plakaların statik ve dinamik analizi, Doctorate, C.GÖNENLİ(Student), 2020

ÖZTÜRK H., Çatlaklı kompozit plakaların dinamik kararlılığı, Postgraduate, Ö.SAYER(Student), 2020

ÖZTÜRK H., Design, analysis and control of a massage mechanism for the human body, Postgraduate, O.ALTAY(Student), 2019

ÖZTÜRK H., Asılı kütle-yay sistemlerine sahip eğri kırışın dinamik kararlılık analizi, Postgraduate, S.VATAN(Student), 2019

ÖZTÜRK H., Dişli kutusu gövde tasarımının deneysel analizi, Postgraduate, C.DALBİÇER(Student), 2016

ÖZTÜRK H., Yapay sinir ağı kullanarak bir güç aktarım sisteminin arıza teşhisi, Postgraduate, R.CAN(Student), 2016

ÖZTÜRK H., Tabakalı kompozit plakaların dinamik cevap analizi, Postgraduate, A.ELMI(Student), 2014

ÖZTÜRK H., Wastewater center health monitoring and fault detection with remote control, Postgraduate, İ.BAKAK(Student), 2014

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İzmir Yüksek Teknoloji Enstitüsü, October, 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Adaptive backstepping control design for ATMD systems in nonlinear structures with nonlinear disturbance and parametric uncertainties**  
Ümütlü R. C., Bıdıklı B., Öztürk H., Pavic A.  
JVC/JOURNAL OF VIBRATION AND CONTROL, vol.0, pp.1-12, 2024 (SCI-Expanded)
- II. **Free vibration and buckling analyses of curved plate frames using finite element method**  
Daş O., Öztürk H., Gönenli C.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.86, no.6, pp.1-14, 2023 (SCI-Expanded)
- III. **A preliminary study on the manufacturing aluminum-potassium feldspar metal matrix composite materials Eine vorläufige Studie zur Herstellung von Aluminium-Kalium-Feldspat-Metallmatrix-Verbundwerkstoffen**  
Das O., Aybarc U., Yücel Öztürk Y., Gören Kırıl B., Öztürk H., Kırıl Z., Uyulgan B.

Materialwissenschaft und Werkstofftechnik, vol.54, no.1, pp.109-119, 2023 (SCI-Expanded)

- IV. **Artificial Neural Network-based Prediction Technique for Waterproofness of Seams Obtained by Using Fusible Threads**  
Karabay G., Şenol Y., Öztürk H., Meşegül C.  
FIBRES AND TEXTILES IN EASTERN EUROPE, vol.151, no.3, pp.1-6, 2022 (SCI-Expanded)
- V. **A backstepping control design for ATMD systems of building structure against earthquake excitations in the presence of parametric uncertainty**  
ÜMÜTLÜ R. C., Bidikli B., ÖZTÜRK H.  
STRUCTURAL CONTROL & HEALTH MONITORING, vol.29, no.3, 2022 (SCI-Expanded)
- VI. **Vibration and dynamic stability analysis of curved beam with suspended spring-mass systems**  
Can S. V., Cankaya P., ÖZTÜRK H., Sabuncu M.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.3, pp.954-968, 2022 (SCI-Expanded)
- VII. **Effect of crack on free vibration of a pre-stressed curved plate**  
Gonenli C., ÖZTÜRK H., DAŞ O.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.236, no.2, pp.811-825, 2022 (SCI-Expanded)
- VIII. **A robust adaptive control design for active tuned mass damper systems of multistory buildings**  
ÜMÜTLÜ R. C., ÖZTÜRK H., Bidikli B.  
JOURNAL OF VIBRATION AND CONTROL, vol.27, no.23-24, pp.2765-2777, 2021 (SCI-Expanded)
- IX. **Effects of the crack location on the dynamic response of multi-storey frame subjected to the passage of a high-speed train**  
DEMİRTAŞ S., ÖZTÜRK H.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.43, no.2, 2021 (SCI-Expanded)
- X. **Finite element vibration analysis of laminated composite parabolic thick plate frames**  
DAŞ O., ÖZTÜRK H., GÖNENLİ C.  
STEEL AND COMPOSITE STRUCTURES, vol.35, no.1, pp.43-59, 2020 (SCI-Expanded)
- XI. **Classification of pitting fault levels in a worm gearbox using vibration visualization and ANN**  
ÜMÜTLÜ R. C., Hizarci B., ÖZTÜRK H., KIRAL Z.  
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.45, no.1, 2020 (SCI-Expanded)
- XII. **Vibration Region Analysis for Condition Monitoring of Gearboxes Using Image Processing and Neural Networks**  
Hizarci B., ÜMÜTLÜ R. C., Ozturk H., Kiral Z.  
EXPERIMENTAL TECHNIQUES, vol.43, no.6, pp.739-755, 2019 (SCI-Expanded)
- XIII. **Dynamic Response of Multi-bay Frames Subjected to Successive Moving Forces**  
Demirtas S., ÖZTÜRK H., Sabuncu M.  
INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, vol.19, no.4, 2019 (SCI-Expanded)
- XIV. **Artificial Neural Network System for Prediction of Dimensional Properties of Cloth in Garment Manufacturing: Case Study on a T-Shirt**  
KALKANCI M., Kurumer G., ÖZTÜRK H., SİNECEN M., KAYACAN Ö.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.25, no.4, pp.135-140, 2017 (SCI-Expanded)
- XV. **Proposal for a new mass distribution control system and its simulation for vibration reduction on rotating machinery**  
Enginoglu O., ÖZTÜRK H.  
JOURNAL OF SOUND AND VIBRATION, vol.385, pp.1-15, 2016 (SCI-Expanded)
- XVI. **Static and dynamic stability of cracked multi-storey steel frames**  
Sabuncu M., ÖZTÜRK H., Yashar A.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.58, no.1, pp.103-119, 2016 (SCI-Expanded)
- XVII. **Dynamic stability of cracked multi-bay frame structures**  
ÖZTÜRK H., Yashar A., Sabuncu M.  
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.23, no.6, pp.715-726, 2016 (SCI-Expanded)

- XVIII. **Dynamic Analysis of Elastically Supported Cracked Beam Subjected to a Concentrated Moving Load**  
ÖZTÜRK H., KIRAL Z., GÖREN KIRAL B.  
LATIN AMERICAN JOURNAL OF SOLIDS AND STRUCTURES, vol.13, no.1, pp.175-200, 2016 (SCI-Expanded)
- XIX. **Vibration analysis of a pre-stressed laminated composite curved beam**  
ÖZTÜRK H.  
STEEL AND COMPOSITE STRUCTURES, vol.19, no.3, pp.635-659, 2015 (SCI-Expanded)
- XX. **Stability analysis of delaminated composite beams**  
GÖREN KIRAL B., KIRAL Z., ÖZTÜRK H.  
COMPOSITES PART B-ENGINEERING, vol.79, pp.406-418, 2015 (SCI-Expanded)
- XXI. **Effects of an edge crack on the free vibration and lateral buckling of a cantilever laminated composite slender beam**  
Karaagac C., ÖZTÜRK H., Sabuncu M.  
JOURNAL OF VIBRATION AND CONTROL, vol.19, no.16, pp.2506-2522, 2013 (SCI-Expanded)
- XXII. **Vibration analysis of cracked frame structures**  
Ibrahim A. M., ÖZTÜRK H., Sabuncu M.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.45, no.1, pp.33-52, 2013 (SCI-Expanded)
- XXIII. **Dynamic stability of multi-span frames subjected to periodic loading**  
Sakar G., ÖZTÜRK H., Sabuncu M.  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.70, pp.65-70, 2012 (SCI-Expanded)
- XXIV. **Crack effects on the in-plane static and dynamic stabilities of a curved beam with an edge crack**  
Karaagac C., ÖZTÜRK H., Sabuncu M.  
JOURNAL OF SOUND AND VIBRATION, vol.330, no.8, pp.1718-1736, 2011 (SCI-Expanded)
- XXV. **In-plane free vibration of a pre-stressed curved beam obtained from a large deflected cantilever beam**  
ÖZTÜRK H.  
FINITE ELEMENTS IN ANALYSIS AND DESIGN, vol.47, no.3, pp.229-236, 2011 (SCI-Expanded)
- XXVI. **Detection and Advancement Monitoring of Distributed Pitting Failure in Gears**  
ÖZTÜRK H., YEŞİLYURT İ., Sabuncu M.  
JOURNAL OF NONDESTRUCTIVE EVALUATION, vol.29, no.2, pp.63-73, 2010 (SCI-Expanded)
- XXVII. **Investigation of effectiveness of some vibration-based techniques in early detection of real-time fatigue failure in gears**  
ÖZTÜRK H., YEŞİLYURT İ., Sabuncu M.  
SHOCK AND VIBRATION, vol.17, no.6, pp.741-757, 2010 (SCI-Expanded)
- XXVIII. **Free vibration and lateral buckling of a cantilever slender beam with an edge crack: Experimental and numerical studies**  
Karaagac C., ÖZTÜRK H., Sabuncu M.  
JOURNAL OF SOUND AND VIBRATION, vol.326, pp.235-250, 2009 (SCI-Expanded)
- XXIX. **Early detection of pitting damage in gears using mean frequency of scalogram**  
ÖZTÜRK H., Sabuncu M., YEŞİLYURT İ.  
JOURNAL OF VIBRATION AND CONTROL, vol.14, no.4, pp.469-484, 2008 (SCI-Expanded)
- XXX. **Lateral dynamic stability analysis of a cantilever laminated composite beam with an elastic support**  
Karaagac C., ÖZTÜRK H., Sabuncu M.  
INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, vol.7, no.3, pp.377-402, 2007 (SCI-Expanded)
- XXXI. **Tool condition monitoring in milling using vibration analysis**  
Yesilyurt I., ÖZTÜRK H.  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.45, no.4, pp.1013-1028, 2007 (SCI-Expanded)
- XXXII. **Artificial neural network-based prediction technique for wear loss quantities in Mo coatings**  
Cetinel H., ÖZTÜRK H., Celik E., Karlik B.  
WEAR, vol.261, no.10, pp.1064-1068, 2006 (SCI-Expanded)
- XXXIII. **In-plane stability analysis of non-uniform cross-sectioned curved beams**

ÖZTÜRK H., Yesilyurt I., Sabuncu M.

JOURNAL OF SOUND AND VIBRATION, vol.296, pp.277-291, 2006 (SCI-Expanded)

XXXIV. **Stability analysis of a cantilever composite beam on elastic supports**

ÖZTÜRK H., Sabuncu M.

COMPOSITES SCIENCE AND TECHNOLOGY, vol.65, no.13, pp.1982-1995, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Dynamic and Buckling Analysis of the Laminated Composite Curved Plate Frame Structures**  
Daş O., Öztürk H., Gönenli C.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.23, no.1, pp.228-246, 2023 (Peer-Reviewed Journal)
- II. **The effect of large deflection on laminated composite plates**  
GÖNENLİ C., ÖZTÜRK H., DAŞ O.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.40, no.4, 2022 (ESCI)
- III. **Dynamic Stability of Diamond Frame Structures**  
ÖZİL F., DEMİRTAŞ S., DOĞAN H., ÖZTÜRK H., SABUNCU M.  
INTERNATIONAL APPLIED MECHANICS, vol.56, no.6, 2022 (ESCI)
- IV. **Dynamic Stability of Cracked Composite Plates**  
SAYER Ö., ÖZTÜRK H., YENİ Ç. E., BALTACI A., ÜMÜTLÜ R. C.  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.9, no.1, pp.208-224, 2022 (Peer-Reviewed Journal)
- V. **An Adaptive Controller Design for ATMD System Used in Structures Under the Effect of Unknown Nonlinear Effects**  
ÜMÜTLÜ R. C., BİDİKLİ B., ÖZTÜRK H.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.24, no.71, pp.571-579, 2022 (Peer-Reviewed Journal)
- VI. **Vibration analysis of a pre-stressed curved thin plate**  
GÖNENLİ C., ÖZTÜRK H., DAŞ O.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.28, pp.72-80, 2022 (ESCI)
- VII. **Dynamic Stability Analysis of the Laminated Composite Curved Frame Structures**  
DAŞ O., ÖZTÜRK H., GÖNENLİ C.  
Uludağ University Journal of The Faculty of Engineering, vol.26, no.2, pp.629-648, 2021 (Peer-Reviewed Journal)
- VIII. **Effective Mode Shapes of Viaducts Subjected to High-speed Train**  
DEMİRTAŞ S., ÖZTÜRK H.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.23, no.67, pp.295-307, 2021 (Peer-Reviewed Journal)
- IX. **Fault severity detection of a worm gearbox based on several feature extraction methods through a developed condition monitoring system**  
Hızarcı B., ÜMÜTLÜ R. C., KIRAL Z., ÖZTÜRK H.  
SN APPLIED SCIENCES, vol.3, no.1, 2021 (ESCI)
- X. **ASILI KÜTLE-YAY SİSTEMLERİNE SAHİP KOMPOZİT EĞRİ KİRİŞİN DİNAMİK KARARLILIK ANALİZİ**  
VATAN S., ÖZTÜRK H.  
Uludağ University Journal of The Faculty of Engineering, vol.25, no.3, pp.1557-1576, 2020 (Peer-Reviewed Journal)
- XI. **Effective mode shapes of multi-storey frames subjected to moving train loads**  
Demirtas S., ÖZTÜRK H.  
COUPLED SYSTEMS MECHANICS, vol.9, no.4, pp.311-323, 2020 (ESCI)
- XII. **SEATING COMFORT SATISFACTION LEVEL OF OFFICE WORKERS AND THEIR EXPECTATIONS FROM AN OFFICE CHAIR**  
ÇETİN M. S., KARABAY G., ÖZTÜRK H., KURUMER G.

Mugla Journal of Science and Technology, vol.6, no.1, pp.72-77, 2020 (Peer-Reviewed Journal)

**XIII. FREE VIBRATION AND BUCKLING ANALYSIS OF PARABOLIC FRAME STRUCTURES**

DAŞ O., ÖZTÜRK H., GÖNENLİ C.

International Journal of Scientific Research and Management, vol.7, no.12, pp.295-306, 2019 (Peer-Reviewed Journal)

**XIV. EFFECTS OF THE RADIUS OF CURVATURE ON NATURAL FREQUENCY AND MODE SHAPE**

GÖNENLİ C., ÖZTÜRK H., DAŞ O.

International Journal of Scientific Research and Management, vol.7, no.12, pp.283-294, 2019 (Peer-Reviewed Journal)

**XV. Effect of inner stiffeners on vibration and noise levels of gearbox housing without changing the mass**

ÜMÜTLÜ R. C., HIZARCI B., DALBICER C., ÖZTÜRK H., KIRAL Z.

JOURNAL OF MEASUREMENTS IN ENGINEERING, vol.7, no.2, pp.58-66, 2019 (ESCI)

**XVI. Classification of Helical Gear Fault Levels Using Frequency Component Based Statistical Analysis with ANN**

ÜMÜTLÜ R. C., HIZARCI B., ÖZTÜRK H., KIRAL Z.

Usak University Journal of Engineering Sciences, vol.1, no.2, pp.76-86, 2018 (Peer-Reviewed Journal)

**XVII. Classification of Helical Gear Fault Levels Using Frequency Component Based Statistical Analysis with ANN.**

Ümütlü R. C., Hızarcı B., Öztürk H., Kıral Z.

Usak University Journal of Engineering Sciences, vol.1, no.2, pp.76-86, 2018 (Peer-Reviewed Journal)

**XVIII. Titreşim Bölgesi Analizi ile Bir Dişli Kutusunda Yüzey Oyukçuk Hata Seviyelerinin Tespiti**

HIZARCI B., ÜMÜTLÜ R. C., KIRAL Z., ÖZTÜRK H.

Mühendis ve Makina, vol.59, no.693, pp.1-14, 2018 (Peer-Reviewed Journal)

**XIX. Ofis Koltuğu Anket Çalışması ve Masaj Mekanizması Tasarımı**

ÇETİN M. S., ALTAY O., ÖZTÜRK H., KURUMER G., KARABAY G.

Dokuz Eylül Üniversitesi-Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.60, pp.804-816, 2018 (Peer-Reviewed Journal)

**XX. Examining Comfort Properties Of Leather and Artificial Leather Cover Materials**

Çetin M. S., KARABAY G., ÖZTÜRK H., kurumer g.

Annals of The Universities of Oredea Fascicle of Textiles-Leatherwork, vol.17, pp.119-123, 2016 (Peer-Reviewed Journal)

**XXI. Vibration and buckling analysis of a curved sandwich composite beam with FEM**

TOYGAR E. M., SAYMAN O., KEMİKLİOĞLU U., ÖZTÜRK H., KIRAL Z., MALEKI F. K.

Research on Engineering Structures Materials, vol.2, 2016 (Peer-Reviewed Journal)

**XXII. Uzaktan kontrol ile atık su terfi merkezininizlenmesi**

Bakak İ., ÖZTÜRK H., BAKAK Ö.

Makine Teknolojileri Elektronik Dergisi, 2014 (Peer-Reviewed Journal)

**XXIII. Tabakalı eğri çubukların dinamik kararlılık analizi**

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