

Prof. MURAT TOLGA ÖZKAN

Personal Information

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Address: Gazi Üniversitesi Teknoloji Fakültesi Endüstriyel Tasarım Mühendisliği Bölümü Taşkent Binası B320 Nolu oda 06500 Beşevler/Ankara- Türkiye

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (Dr), Turkey 1996 - 2003

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (YI) (Tezli), Turkey 1995 - 1996

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 1991 - 1994

Dissertations

Doctorate, Civatalı bağlantılarda birleştirilen elemanların direngenliğinin sonlu elemanlar yöntemi ve yapay sinir ağıları sistemi ile belirlenmesi ve civata tasarımı, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (Dr), 2003

Postgraduate, Makine elemanlarının bilgisayar destekli tasarımı, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (YI) (Tezli), 1996

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Mechanical Engineering, Construction and Manufacturing, Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Mechanisms, Modeling and Simulation of Dynamic Systems, Finite Element Methods, Modal Analysis, Simulation

Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2021 - Continues

Associate Professor, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2016 - 2021

Assistant Professor, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2013 - 2016

Assistant Professor, Gazi University, Teknik Eğitim Fakültesi, Makina Eğitimi, 2009 - 2013

Lecturer, Gazi University, Teknik Eğitim Fakültesi, Makina Eğitimi, 2002 - 2009

Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Makina Eğitimi, 1995 - 2002

Academic and Administrative Experience

Rectorate Commissioner, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2021 - Continues

Rectorate Commissioner, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2021 - Continues

Rectorate Commissioner, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2021 - Continues

Bölüm Stratejik Plan Komisyonu Üyesi, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği, 2020 - Continues

Gazi University, Teknik Eğitim Fakültesi, 2016 - 2016

Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği Bölümü, 2013 - 2014

Courses

Makina Elemanları 2, Undergraduate, 2020 - 2021

DİNAMİK, Undergraduate, 2020 - 2021

MAKİNA ELEMANLARI 1, Undergraduate, 2016 - 2017, 2020 - 2021, 2021 - 2022

MEZUNİYET PROJESİ, Undergraduate, 2020 - 2021

ENDÜSTRİYEL TASARIMDA YAPAY ZEKA VE UYGULAMALARI, Postgraduate, 2019 - 2020, 2020 - 2021

MAKİNA ELEMANLARI 2, Undergraduate, 2019 - 2020

MEKANİK SİSTEM TASARIMI SİMULASYON VE ANALİZ, Postgraduate, 2016 - 2017, 2020 - 2021

MEKANİZMALAR, Undergraduate, 2020 - 2021

MAKİNA ELEMANLARI I, Undergraduate, 2017 - 2018

MÜHENDİSLİK MEKANİĞİ 2, Undergraduate, 2016 - 2017

MÜHENDİSLİK MEKANİĞİ 1, Undergraduate, 2016 - 2017, 2017 - 2018

Advising Theses

ÖZKAN M. T. , Design Of Vibration Isolator And Finite Element Analysis, Postgraduate, M.KURAN(Student), 2020

ÖZKAN M. T. , Snap-Fits Design And Modeling With Artificial Neural Networks, Postgraduate, F.ERDEMİR(Student), 2019

ÖZKAN M. T. , Definition of the stress analysis and notch effects in the angled drilled plates under different stresses, Postgraduate, M.KAYGISIZ(Student), 2017

ÖZKAN M. T. , The education of web based interactive mechanisms, Postgraduate, F.CİHAN(Student), 2014

ÖZKAN M. T. , Computer aided bearing calculation and analysis with finite element method, Postgraduate, F.MEHMET(Student), 2013

ÖZKAN M. T. , Design, manufacturing of a valve characterization experimental setup with cartridge valves, Postgraduate, M.BURAK(Student), 2013

ÖZKAN M. T. , Sürtünme karıştırma kaynağında farklı kaynak parametrelerinin deneysel olarak incelenmesi, Postgraduate, M.BOZU(Student), 2007

ÖZKAN M. T. , EXPERIMENTAL OBSERVATION OF DIFFERENT WELDING PARAMETERS FRICTION STIR WELDING, Postgraduate, M.BOZU(Student), 2007

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, March, 2021

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, November, 2019

Appointment Academic Staff, Appointment Academic Staff, Ankara Yıldırım Beyazıt Üniversitesi, February, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, January, 2013

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

- I. **End effector position calculation with the ANN for tapping machine**
AKKAŞ G., KORKUT İ., ÖZKAN M. T.
JOURNAL OF ENGINEERING RESEARCH, vol.9, no.3, pp.235-247, 2021 (Journal Indexed in SCI)
- II. **Determination of theoretical stress concentration factor for circular/elliptical holes with reinforcement using analytical, finite element method and artificial neural network techniques**
Özkan M. T., Erdemir F.
NEURAL COMPUTING & APPLICATIONS, 2021 (Journal Indexed in SCI)
- III. **Determination of stress concentration factors for shafts under tension**
ÖZKAN M. T., Erdemir F.
MATERIALS TESTING, vol.62, no.4, pp.413-421, 2020 (Journal Indexed in SCI)
- IV. **Vibration prediction in drilling processes with HSS and carbide drill bit by means of artificial neural networks**
ULAŞ H. B., ÖZKAN M. T., Malkoc Y.
NEURAL COMPUTING & APPLICATIONS, vol.31, no.9, pp.5547-5562, 2019 (Journal Indexed in SCI)
- V. **Turning processes investigation of materials austenitic, martensitic and duplex stainless steels and prediction of cutting forces using artificial neural network (ANN) techniques**
ULAŞ H. B., ÖZKAN M. T.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.26, no.2, pp.93-104, 2019 (Journal Indexed in SCI)
- VI. **Experimental research and ANN modeling on the impact of the ball burnishing process on the mechanical properties of 5083 Al-Mg material**
Basak H., ÖZKAN M. T., Toktas I.
KOVOLVE MATERIALY-METALLIC MATERIALS, vol.57, no.1, pp.61-74, 2019 (Journal Indexed in SCI)
- VII. **Performance of coated and uncoated carbide/cermet cutting tools during turning**
ULAŞ H. B., BİLGİN M., SEZER H. K., ÖZKAN M. T.
MATERIALS TESTING, vol.60, no.9, pp.893-901, 2018 (Journal Indexed in SCI)
- VIII. **Determination of the stress concentration factor (K-t) in a rectangular plate with a hole under tensile stress using different methods**
ÖZKAN M. T., TOKTAŞ İ.
MATERIALS TESTING, vol.58, no.10, pp.839-847, 2016 (Journal Indexed in SCI)
- IX. **Surface roughness during the turning process of a 50CrV4 (SAE 6150) steel and ANN based modeling**
ÖZKAN M. T.
MATERIALS TESTING, vol.57, no.10, pp.889-896, 2015 (Journal Indexed in SCI)
- X. **EXPERIMENTAL DESIGN AND ARTIFICIAL NEURAL NETWORK MODEL FOR TURNING THE 50CrV4 (SAE 6150) ALLOY USING COATED CARBIDE/CERMET CUTTING TOOLS**
ÖZKAN M. T., ULAŞ H. B., BİLGİN M.
MATERIALI IN TEHNOLOGIJE, vol.48, no.2, pp.227-236, 2014 (Journal Indexed in SCI)
- XI. **DETERMINATION OF THE NOTCH FACTOR FOR SHAFTS UNDER TORSIONAL STRESS WITH ARTIFICIAL NEURAL NETWORKS**
ÖZKAN M. T., ELDEM C., ŞAHİN İ.
MATERIALI IN TEHNOLOGIJE, vol.48, no.1, pp.81-90, 2014 (Journal Indexed in SCI)
- XII. **Experimental and artificial neural network study of heat formation values of drilling and boring operations on Al 7075 T6 workpiece**
ÖZKAN M. T.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.20, no.4, pp.259-268, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Analyze of leaf springs with parametric finite element analysis and artificial neural network**
Yavuz S., ÖZKAN M. T.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, 2022 (Journal Indexed in ESCI)
- II. **Estimations of Stress Concentration Factors (Cw/Kts) For Helical Circular/Square Cross Sectional Tension-Compression Springs And Artificial Neural Network Modelling**
ÖZKAN M. T. , TOKTAŞ İ., Doganay S. K.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.23, no.3, pp.901-908, 2020 (Journal Indexed in ESCI)
- III. **Determination of Stress Concentration Factor (Kt) for a Crankshaft under Bending Loading: An Artificial Neural Networks Approach**
Toktaş İ., Özkan M. T. , Erdemir F., Yuksel N.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.23, no.3, pp.813-819, 2020 (Journal Indexed in ESCI)
- IV. **Stress Concentration Factor Kt Determination For A Crankshaft In Bending Loading: An Artificial Neural Networks Approach**
TOKTAŞ İ., ÖZKAN M. T. , ERDEMİR F., YUKSEL N.
Journal of Polytechnic, vol.23, no.3, pp.813-819, 2020 (Refereed Journals of Other Institutions)
- V. **Modal Analysis of a Snap-fits Joint Model for Plastic Parts**
Erdemir F., ÖZKAN M. T.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.22, no.4, pp.927-933, 2019 (Journal Indexed in ESCI)
- VI. **Esneyerek Kilitlenen Bağlantı Elemanlarında Tutma/Çözme Kuvvetinin Malzeme Cinsi ve Sürtünme Katsayısına Göre Yapay Sinir Ağları Metodu ile Modellenmesi**
ÖZKAN M. T. , Erdemir F.
Gazi Mühendislik Bilimleri Dergisi, vol.4, no.3, pp.207-215, 2018 (Refereed Journals of Other Institutions)
- VII. **ANN Modelling for The Buckling Analysis of Medical Titanium Alloys**
ÖZKAN M. T. , TOKTAŞ İ., ÇETİNDAG H. A. , KILIÇARSLAN A. E. , ÜNVER H. N.
International Journal of Scientific Research in Information Systems and Engineering (IJSRISE), vol.4, no.1, pp.16-24, 2018 (Refereed Journals of Other Institutions)
- VIII. **Determination of Stress Concentration Factor for an Infinite 3D Solid Plate With A Deep Hyperbolic Groove and ANN Application**
KAPLAN H., TOKTAŞ İ., ÖZKAN M. T.
International Journal of Scientific Research in Information Systems and Engineering (IJSRISE), vol.4, no.1, pp.60-67, 2018 (Refereed Journals of Other Institutions)
- IX. **ANN ANALYSIS OF TITANIUM ALLOY BEAMS ACCORDING TO BENDING FOR MEDICAL APPLICATIONS**
ÇETİNDAG H. A. , TOKTAŞ İ., ÖZKAN M. T. , KILIÇARSLAN A. E. , ÜNVER H. N.
International journal of scientific research in information systems and engineering (IJSRISE), vol.4, no.1, pp.7-15, 2018 (Refereed Journals of Other Institutions)
- X. **Eşit miktarda filament kullanımı ile 3 boyutlu baskısı yapılacak ankastre kirişlerin çekme/basma mukavemetine göre kesit geometrilerinin belirlenmesi (Determination of Cross Sectional Geometries of Beams According to Tension and Compression Strength Which are 3D Printed with the Same Amount of Filament)**
ÖZKAN M. T. , ÇETİNDAG H. A. , TOKTAŞ İ.
Politeknik Dergisi, vol.21, no.1, pp.213-219, 2018 (Refereed Journals of Other Institutions)
- XI. **Determination of Cross Sectional Geometries of Beams According to Tension and Compression Strength Which are 3D Printed with the Same Amount of Filament**
ÖZKAN M. T. , Cetindag H. A. , Toktas I.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.21, no.1, pp.213-219, 2018 (Journal Indexed in ESCI)
- XII. **MATHEMATICAL MODELLING AND ANALYSIS OF CARTRIDGEPROPORTIONAL VALVE**
GÜNAY M. B. , ÖZKAN M. T.
GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES, vol.4, no.11, pp.38-47, 2017 (Refereed Journals of Other Institutions)
- XIII. **3 Boyutlu Baskısı Yapılacak Ankastre Kirişlerin Eşit Miktarda Filament Kullanımı İle Eğilme Mukavemetine Göre Kesit Geometrisi Optimizasyonu**

ÇETİNDAG H. A. , TOKTAŞ İ., ÖZKAN M. T.

Duzce University Journal of Science Technolog, vol.5, no.2, pp.466-477, 2017 (Other Refereed National Journals)

- XIV. **Burkulma Mukavemetine Göre Eşit Miktarda Filament Kullanımı İle 3 Boyutlu Baskısı Yapılacak Ankastre Kirişlerin Kesit Geometri Biçimlerinin Performansı**
TOKTAŞ İ., ÖZKAN M. T. , Çetindağ H. A.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.5, no.4, pp.169-177, 2017 (Other Refereed National Journals)
- XV. **Park-Bahçe Aydınlatma Armatürleri için Yeni Bir Soğutucu GövdeTasarımı ve Analizi**
ÖZKAN M. T. , emre y., mehmet k.
Gazi Mühendislik Bilimleri Dergisi, vol.3, no.1, pp.1-10, 2017 (Other Refereed National Journals)
- XVI. **Elipsel Delikli Plakalarda Oluşan Gerilmelerin Tanımlanması ve Yapay Sinir Ağları ile Tahmini**
ÖZKAN M. T. , KAYGISIZ M.
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.4, no.3, pp.135-145, 2016 (Other Refereed National Journals)
- XVII. **Comparison with different models of bending stress analysis of the cantilever beams under different profile section materials and loads**
ÖZKAN M. T.
Social GAU Journal Applied Sciences, vol.7, no.11, pp.173-182, 2015 (Refereed Journals of Other Institutions)
- XVIII. **Comparison with different models of tensile and compressive stress analysis on a cantilever beam model**
ÖZKAN M. T.
Social GAU Journal Applied Sciences, vol.7, no.11, pp.183-194, 2015 (Refereed Journals of Other Institutions)
- XIX. **Eğilme Gerilmesi Etkisindeki Millerin Çentik Faktörünün Yapay Sinir Ağları İle Belirlenmesi**
ÖZKAN M. T. , ELDEM C., KÖKSAL E.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.19, no.1, pp.24-32, 2013 (Other Refereed National Journals)
- XX. **Çekme Gerilmesi Etkisindeki Millerin Çentik Faktörünün Yapay Sinir Ağları İle Belirlenmesi**
KÖKSAL E., ÖZKAN M. T. , ELDEM C.
Erciyes Üniversitesi Mühendislik Fakültesi Dergisi, vol.29, no.1, pp.81-89, 2013 (Other Refereed National Journals)
- XXI. **Mekanizma Tekniği Dersi İçin Uzaktan Eğitim Modülünün Hazırlanması ve Uygulanması**
ÖZKAN M. T.
NEWWSA, vol.7, no.2, pp.1-16, 2013 (Other Refereed National Journals)
- XXII. **Notch sensitivity factor calculationin the design of shafts using artificial neural network system**
ÖZKAN M. T.
Education Science and Technology Part A: Energy Science and Research, vol.30, no.1, pp.621-630, 2012 (Refereed Journals of Other Institutions)
- XXIII. **Bilgisayar Destekli Helisel Yay Tasarımı ve Sonlu Elemanlar Analizi**
ÖZKAN M. T. , DÜNDAR K., GÜMÜŞ F.
TUBAV Bilim Dergisi, vol.2, no.2, pp.199-210, 2009 (Other Refereed National Journals)
- XXIV. **Civatalı Bağlantıların Eleman Direngenliğinin Sonlu Elemanlar Yöntemi ve Yapay Sinir Ağları Sistemi ile Belirlenmesi**
ÖZKAN M. T. , DÜNDAR K.
TEKNOLOJİ Z.K.Ü. Teknik Eğitim Fakültesi Dergisi, vol.1, no.8, pp.33-41, 2005 (Other Refereed National Journals)
- XXV. **M tolga Özkan 1999 Bilgisayar Yardımı ile Konik Dişli Çark Tasarımı Güvenirlik Analizi ve Optimizasyonu Teknoloji Z K Ü Karabük Teknik Eğitim Dergisi 12 105113**
ÖZKAN M. T. , ELDEM C.
Teknoloji Z.K.Ü. Karabük Teknik Eğitim Dergisi, no.12, pp.105-113, 2004 (Other Refereed National Journals)
- XXVI. **Uzman Sistem Yaklaşımı ile Civata ve Disli Çark Seçimi**
ÖZKAN M. T. , GÜLESİN M.
Turkish Journal of Engineering and Environmental Sciences, vol.25, no.3, pp.169-177, 2001 (Refereed Journals of Other Institutions)

- XXVII. **Bilgisayar Yardımı ile Konik Dişli Çark Tasarımı Güvenirlik Analizi ve Optimizasyonu**
ÖZKAN M. T. , ELDEM C.
TEKNOLOJİ Z.K.Ü. Teknik Eğitim Fakültesi Dergisi, vol.2, no.12, pp.105-113, 1999 (Other Refereed National Journals)
- XXVIII. **Perçinlerin Mukavemet Analizi ve Optimizasyonu**
DÜNDAR K., ÖZKAN M. T.
G.Ü.T.E.F. Dergisi, vol.4, no.4, pp.131-137, 1996 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Esneyerek Kilitlenen Bağlantı Tasarımında Modal Analiz**
ÖZKAN M. T. , Erdemir F.
ISIDE 2018, Antalya, Turkey, 22 - 24 November 2018, pp.580-586
- II. **Belleville Tipi Yayların Kuvvet-Deplasman Özellik-lerinin Yay Boyutlarına Göre Yapay Sinir Ağları (YSA) ile Modellenmesi**
ÖZKAN M. T. , Kuran M.
ISIDE 2018, Antalya, Turkey, 22 - 24 November 2018, pp.573-579
- III. **Tırnaklı Birleştirmelerde Sıkma/Çözme Kuvvetinin Malzeme Türü ve Sürtünme Katsayısına Göre Yapay Sinir Ağları Metodu ile Modellenmesi**
ÖZKAN M. T. , Erdemir F.
ISIDE 2018, Antalya, Turkey, 22 - 24 November 2018, pp.595-603
- IV. **Farklı Malzemelerden Üretilmiş I- Tipi Tırnak Bağlantılarında Oluşan Gerilmelerin Taguchi Metodu ile Optimizasyonu ve Sonlu Elemanlar Yöntemiyle Modellenmesi**
ÖZKAN M. T. , Erdemir F.
ISIDE 2018, Antalya, Turkey, 22 - 24 November 2018, pp.587-594
- V. **Determination of Stress concentration factor for an infinite 3D solid plate with a deep hyperbolic groove and ANN application**
KAPLAN H., TOKTAŞ İ., ÖZKAN M. T.
ISEAIA 2017 5ND International Symposium on Engineering, Artificial Intelligence Applications (İkinci Uluslararası Mühendislik, Yapay Zekâ ve Uygulamaları Sempozyumu), Girne, Cyprus (Kkct), 1 - 03 November 2017, pp.83-92
- VI. **Artificial neural networks model for estimation of stress concentration for a flat tension bar with opposite V-shaped notches**
EREN M., ÖZKAN M. T. , TOKTAŞ İ.
ISEAIA 2017 5ND International Symposium on Engineering, Artificial Intelligence Applications (İkinci Uluslararası Mühendislik, Yapay Zekâ ve Uygulamaları Sempozyumu), Girne, Cyprus (Kkct), 1 - 03 November 2017, pp.143-150
- VII. **ANN model of the medical ceramic beams which were subjected to tension/compression stress**
TOKTAŞ İ., ÇETİNDAG H. A. , ÖZKAN M. T. , ÜNVER H. N. , KILIÇARSLAN A. E.
ISEAIA 2017 5ND International Symposium on Engineering, Artificial Intelligence Applications (İkinci Uluslararası Mühendislik, Yapay Zekâ ve Uygulamaları Sempozyumu), Girne, Cyprus (Kkct), 1 - 03 November 2017, pp.39-48
- VIII. **ANN modelling for the buckling analysis of medical titanium alloys**
ÖZKAN M. T. , TOKTAŞ İ., ÇETİNDAG H. A. , KILIÇARSLAN A. E. , ÜNVER H. N.
ISEAIA 2017 5ND International Symposium on Engineering, Artificial Intelligence Applications (İkinci Uluslararası Mühendislik, Yapay Zekâ ve Uygulamaları Sempozyumu), Girne, Cyprus (Kkct), 1 - 03 November 2017, pp.28-38
- IX. **ANN analysis of titanium alloy beams according to bending for medical applications**
ÇETİNDAG H. A. , ÖZKAN M. T. , TOKTAŞ İ., KILIÇARSLAN A. E. , ÜNVER H. N.
ISEAIA 2017 5ND International Symposium on Engineering, Artificial Intelligence Applications (İkinci Uluslararası Mühendislik, Yapay Zekâ ve Uygulamaları Sempozyumu), Girne, Cyprus (Kkct), 1 - 03 November 2017, pp.17-21
- X. **Determination of Cross Sectional Geometries of Beams According to Tension and Compression Strength Which 3D Printed With the Same Amount of Filament (Eşit Miktarda Filament Kullanımı İle 3 Boyutlu Baskısı Yapılacak Ankastre Kirişlerin Çekme/Basma Mukavemetine Göre Kesit**

Geometrilerinin Belirlenmesi)

ÖZKAN M. T. , ÇETİNDAG H. A. , TOKTAŞ İ.

The 2nd International Symposium On 3d Printing Technologies (3D-PTS2017), İstanbul, Turkey, 3 - 04 April 2017, pp.38-47

- XI. **Optimization Of Cross Sectional Geometry Of 3D Printed Beams According To Pure Bending Strength With The Same Amount Of Filament (3 Boyutlu Baskısı Yapılacak Ankastre Kirişlerin Eşit Miktarda Filament Kullanımı İle Eğilme Mukavemetine Göre Kesit Geometrisi Optimizasyonu)**
ÇETİNDAG H. A. , TOKTAŞ İ. , ÖZKAN M. T.
The 2nd International Symposium On 3d Printing Technologies (3D-PTS2017), İstanbul, Turkey, 3 - 04 April 2017, pp.63-72
- XII. **Performance Of Cross Sectional Geometries Of Beams According To Buckling Strength Which Are 3D Printed With The Same Amount Of Filament (Burkulma Mukavemetine Göre Eşit Miktarda Filament Kullanımı İle 3 Boyutlu Baskısı Yapılacak Ankastre Kirişlerin Kesit Geometri Biçimlerinin Performansı)**
TOKTAŞ İ. , ÖZKAN M. T. , ÇETİNDAG H. A.
The 2nd International Symposium On 3d Printing Technologies (3D-PTS2017), İstanbul, Turkey, 3 - 04 April 2017, pp.81-89
- XIII. **Dimensioning of 4 Bar Mechanisms Using Artificial Neural Network Method**
ÖZKAN M. T. , TOKTAŞ İ. , KAYGISIZ M.
The Fourth International Symposium on Engineering,Artificial Intelligence and Applications (ISEAIA 2016), Girne, Cyprus (Kkct), 2 - 04 November 2016, pp.127-139
- XIV. **Dişli Kayış Kasnak Mekanizmasında Farklı Temas Açılarının Dişli Kasnağı Üzerindeki Etkilerinin ANSYS ile Analizi**
ÖZKAN M. T. , TOKTAŞ İ. , DEMİRHAN H.
4TH INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCEWome
Deluxe Hotel Alanya/Antalya TURKEY 3-5 NOV 2016, ANTALYA, ALANYA, Turkey, 3 - 05 November 2016, pp.593-599
- XV. **Dimensioning of Slider Crank Mechanisms Using Artificial Neural Network Method**
ÖZKAN M. T. , TOKTAŞ İ. , KAYGISIZ M.
The Fourth International Symposium on Engineering,Artificial Intelligence and Applications (ISEAIA 2016), Girne, Cyprus (Kkct), 2 - 04 November 2016, pp.116-126
- XVI. **The Modeling of 3D Tibia Bone Using the CT Images and Printing**
AKTAŞ G. R. , Erbaş M. K. , Şanver S., DEMİR E., TOKTAŞ İ. , ÖZKAN M. T.
ISITES 2016 4TH International Symposium On Innovative Technologies in Engineering And Science,
Alanya/Antalya, Turkey, 3 - 04 November 2016, pp.908-913
- XVII. **Static Analysis of Femur Bone under the Different Modulus of Elasticity, Bending and Torsional Moments**
ÖZKAN M. T. , TOKTAŞ İ. , Demir E., Tokdede A. S.
20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Turkey, 3 - 05 November 2016
- XVIII. **Multiparametric analysis of femur bone under compression stress with finite elements method**
Demir E., Yildiz M., Toktas I., ÖZKAN M. T.
21st International Scientific Conference MECHANIKA 2016, Kaunas, Lithuania, 12 - 13 May 2016, pp.73-76
- XIX. **Definition of stress concentration factor of column with angled holed under bending stress using finite element analysis**
ÖZKAN M. T. , Kaygisiz M., Toktas I.
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- AIRCC, Member of Science Committee, 2010 - Continues, India

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Non Academic Experience

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