

Prof. LEVENT MALGACA

Personal Information

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ScopusID: 57200591597

Yoksis Researcher ID: 19376

Biography

Levent Malgaca

- I. works at the Department of Mechanical Engineering of Dokuz Eylül University (DEU).
- II. *started to work at DEU in 1997 as a Research Assistant. He received his MSc degree in 2001 and his Ph.D. degree in 2007 from the same department.*
- III. received the title of **Professor** in the Department of Machine Theory and Dynamics in **2020**, Associate Professor in **2014**, and Assistant Professor in **2010**.
- IV. *teaches MEE 3017 System Modeling and Analysis, MEE 3026 Control Systems, MAK 4049 Measurement and Signal Analysis, and MEE 4076 Pneumatics and Hydraulics Systems in Mechanical Engineering/undergraduate program.*
- V. teaches **MEE 5113 Analysis of Vibration Signals** and **MEE 5070 Actuators and Sensors in Mechanical Engineering** in the graduate program.
- VI. *is a supervisor for Master's and Doctoral theses in the Department of Mechanical Engineering, Machine Theory and Dynamics program, and Mechatronics Engineering Department.*
- VII. focuses research on **active and passive vibration control** of flexible structures/manipulators, **smart structures**, and suspension systems of vehicles.
- VIII. *is currently in charge of the Automation Systems Laboratory at DEU.*
- IX. *is Head of the Department of Mechatronics Engineering/ The Graduate School of Natural and Applied Sciences.*

Research Areas

Mechatronic Systems, System Dynamics and Control, Mechanical Vibrations

Courses

ACTUATORS AND SENSORS IN MECHANICAL SYSTEMS, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

ÖLÇME VE SİNYAL ANALİZİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
CONTROL SYSTEMS, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
PNEUMATIC AND HYDRAULIC SYSTEMS, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
ARAŞTIRMA PROJESİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
ANALYSIS OF VIBRATION SIGNALS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
SYSTEM MODELING AND ANALYSIS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
BİTİRME PROJESİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
KONTROL SİSTEMLERİ, Undergraduate, 2019 - 2020
ANALYSIS OF VIBRATION SIGNALS, Postgraduate, 2019 - 2020, 2018 - 2019, 2013 - 2014
PNÖMATİK VE HİDROLİK SİSTEMLER, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analysis of an actively controlled composite box manipulator without external actuator**
Lök Ş. İ., MALGACA L., Uyar M.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING, 2023 (SCI-Expanded)
- II. **Experimental modal analysis of a single-link flexible robotic manipulator with curved geometry using applied system identification methods**
Pappalardo C. M., Lök Ş. İ., Malgaca L., Guida D.
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, 2023 (SCI-Expanded)
- III. **Implementation of Active and Passive Vibration Control of Flexible Smart Composite Manipulators with Genetic Algorithm**
Uyar M., Malgaca L.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2022 (SCI-Expanded)
- IV. **Measurement and modeling of a flexible manipulator for vibration control using five-segment S-curve motion**
MALGACA L., LÖK Ş. İ.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.44, no.8, pp.1545-1556, 2022 (SCI-Expanded)
- V. **Hybrid vibration control of a flexible composite box cross-sectional manipulator with piezoelectric actuators**
MALGACA L., Uyar M.
COMPOSITES PART B-ENGINEERING, vol.176, 2019 (SCI-Expanded)
- VI. **Sensing and Control of Thermally Induced Vibrations of Stationary Blades Using Piezoelectric Materials**
Al-Athel K. S., Al-Qahtani H. M., Sunar M., MALGACA L., Omar A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.3, pp.1301-1311, 2018 (SCI-Expanded)
- VII. **Estimating elasticity modulus of the piezo ceramic disc (PCD) using basic mathematical modelling**
PARALI L., SARI A., MALGACA L., Pechousek J., Latal F.
OPTİK, vol.173, pp.146-156, 2018 (SCI-Expanded)
- VIII. **Effect of joint flexibility on vibration characteristics of a composite box manipulator**
MALGACA L., Dogan H., Akdag M., YAVUZ Ş., Uyar M., Bidikli B.
COMPOSITE STRUCTURES, vol.183, pp.271-277, 2018 (SCI-Expanded)
- IX. **Vibration control of a two-link flexible manipulator**
KARAGÜLLE H., MALGACA L., Dirilmis M., Akdag M., YAVUZ Ş.
JOURNAL OF VIBRATION AND CONTROL, vol.23, no.12, pp.2023-2034, 2017 (SCI-Expanded)
- X. **Analysis of active vibration control of multi-degree-of-freedom flexible systems by Newmark method**

- YAVUZ Ş., MALGACA L., KARAGÜLLE H.
SIMULATION MODELLING PRACTICE AND THEORY, vol.69, pp.136-148, 2016 (SCI-Expanded)
- XI. **Residual vibration control of a single-link flexible curved manipulator**
MALGACA L., YAVUZ Ş., AKDAĞ M., KARAGÜLLE H.
SIMULATION MODELLING PRACTICE AND THEORY, vol.67, pp.155-170, 2016 (SCI-Expanded)
- XII. **Vibration control of a single-link flexible composite manipulator**
YAVUZ Ş., MALGACA L., KARAGÜLLE H.
COMPOSITE STRUCTURES, vol.140, pp.684-691, 2016 (SCI-Expanded)
- XIII. **The effect of ride frequency to the dynamic characteristics of a military truck**
MALGACA L., GÖGEN E.
INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS, vol.23, no.3, pp.283-302, 2016 (SCI-Expanded)
- XIV. **Vibration Control of Rotating Blades Using Root-Embedded Piezoelectric Materials**
MALGACA L., AL-QAHTANI H., SUNAR M.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.40, no.5, pp.1487-1495, 2015 (SCI-Expanded)
- XV. **Kinematic-Kinetic-Rigidity Evaluation of a Six Axis Robot Performing a Task**
KARAGÜLLE H., AMINDARI A., AKDAG M., MALGACA L., YAVUZ Ş.
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.9, 2012 (SCI-Expanded)
- XVI. **An integrated approach for simulation of mechatronic systems applied to a hexapod robot**
AKDAG M., KARAGÜLLE H., MALGACA L.
MATHEMATICS AND COMPUTERS IN SIMULATION, vol.82, no.5, pp.818-835, 2012 (SCI-Expanded)
- XVII. **Integration of active vibration control methods with finite element models of smart laminated composite structures**
MALGACA L.
COMPOSITE STRUCTURES, vol.92, no.7, pp.1651-1663, 2010 (SCI-Expanded)
- XVIII. **Experimental Investigation of the Dynamic Response of a Symmetric Laminated Composite Beam Via Laser Vibrometry**
KIRAL Z., MALGACA L., AKDAĞ M., GÖREN KIRAL B.
JOURNAL OF COMPOSITE MATERIALS, vol.43, no.24, pp.2943-2962, 2009 (SCI-Expanded)
- XIX. **Simulation and experimental analysis of active vibration control of smart beams under harmonic excitation**
MALGACA L., KARAGÜLLE H.
SMART STRUCTURES AND SYSTEMS, vol.5, no.1, pp.55-68, 2009 (SCI-Expanded)
- XX. **Numerical and experimental study on integration of control actions into the finite element solutions in smart structures**
MALGACA L., KARAGÜLLE H.
SHOCK AND VIBRATION, vol.16, no.4, pp.401-415, 2009 (SCI-Expanded)
- XXI. **Analysis of end point vibrations of a two-link manipulator by integrated CAD/CAE procedures**
KARAGÜLLE H., MALGACA L.
FINITE ELEMENTS IN ANALYSIS AND DESIGN, vol.40, no.15, pp.2049-2061, 2004 (SCI-Expanded)
- XXII. **Analysis of active vibration control in smart structures by ANSYS**
KARAGÜLLE H., MALGACA L., OKTEM H.
SMART MATERIALS AND STRUCTURES, vol.13, no.4, pp.661-667, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modeling and Vibration Reduction of a Flexible Planar Manipulator with Experimental System Identification**
MALGACA L., LÖK Ş. İ., UYAR M.
International Journal of Modeling and Optimization, vol.10, no.4, pp.121-125, 2020 (Peer-Reviewed Journal)
- II. **Multi-Body Finite Element Analysis of an Inclined Scrap Shear with 1100 Tons of Capacity**

KARAGÜLLE H., Yıldırım Ç. Y., AKDAĞ M., San R., Yıldız H., MALGACA L., YAVUZ Ş.

International Journal of Engineering Research Technology, vol.8, no.12, 2019 (Peer-Reviewed Journal)

III. **Suppression of Pitch Angle Vibrations of a 5-DOF Half Vehicle Model by System Identification Method**

MALGACA L., LÖK Ş. İ., UYAR M.

International Journal of Natural and Engineering Sciences, vol.13, no.2, pp.49-52, 2019 (Peer-Reviewed Journal)

IV. **EşDeğer Kütle-yay-sönüm Elemanı Kullanılan Ankastre Kompozit Bir Kirişin Titreşim Analizi**

YAVUZ Ş., UYAR M., MALGACA L., KARAGÜLLE H.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.60, pp.946-954, 2018 (Peer-Reviewed Journal)

V. **Farklı Karakteristikli Piezoelektrik Algılayıcıların Dinamik Performanslarının Karşılaştırılması**

MALGACA L., UYAR M.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.60, pp.840-851, 2018 (Peer-Reviewed Journal)

VI. **Active vibration suppression of a single-link smart flexible manipulator**

MALGACA L., UYAR M., YAVUZ Ş.

International Journal of Natural and Engineering Sciences, vol.11, no.1, pp.13-19, 2017 (Peer-Reviewed Journal)

VII. **The Effect of Front and Rear Ride Rate Ratios to the Pitch Angle of a Midibus**

MALGACA L., Enis G.

International Journal of Natural and Engineering Sciences, vol.9, no.1, pp.44-48, 2015 (Peer-Reviewed Journal)

VIII. **Active control of residual vibrations of a cantilever smart beam**

KIRAL Z., MALGACA L., AKDAĞ M.

Turkish Journal of Engineering and Environmental Sciences, vol.32, no.1, pp.51-57, 2008 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **System Identification of a Nonlinear One-Degree-of-Freedom Vibrating System**

Lök Ş. İ., Pappalardo C. M., La Regina R., Malgaca L.

8th International Conference New Technologies and Applications (NT-2023), Sarajevo, Bosnia And Herzegovina, 23 - 25 June 2022, pp.348-355

II. **Experimental Active Vibration Control of a Highly Flexible Composite Manipulator with Acceleration Feedback**

Malgaca L., Uyar M., Lök Ş. İ., Vatan Can S.

Acoustics and Vibration of Mechanical Structures – AVMS-2021, Timisoara, Romania, 28 May 2021, vol.274, pp.225-233

III. **Posicast Control of a 4-DOF Flexible Mechanical System**

İŞLEYEN A. Y., MALGACA L.

7. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi, Turkey, 21 May 2021, pp.895

IV. **Modelling and Dynamic Analysis of a Beam-Mass-Cart System**

Uluağ O., MALGACA L.

7. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi, Turkey, 21 May 2021

V. **Modeling of A Flexible Planar Manipulator with System Identification Method**

MALGACA L., LÖK Ş. İ., UYAR M.

8th International Conference on System Modeling and Optimization (ICSMO2020), Barcelona, Spain, 12 - 15 February 2020

VI. **Modelling and Vibration Control of a Flexible Cantilever Beam**

MALGACA L., UYAR M., LÖK Ş. İ.

5th International Conference on Natural and Engineering Sciences, İstanbul, Turkey, 27 - 30 August 2019

VII. **Experimental Vibration Analysis of a Flexible L-Frame Carrying a Payload with System Identification Method**

MALGACA L., GÜNEŞ E. G., LÖK Ş. İ.

5th International Conference on Natural and Engineering Sciences, İstanbul, Turkey, 27 - 30 August 2019

- VIII. **Active Control of Pitch Angle of a 5 DOF Half Vehicle with a Driver**
MALGACA L., Lök Ş. İ., Uyar M.
4th International Congress on Natural and Engineering Sciences (ICNES'18), Muğla, Turkey, 9 - 12 October 2018
- IX. **Applying PID Tuning Algorithms to a Half Vehicle Model**
MALGACA L., UYAR M., LÖK Ş. İ.
4th International Congress on Natural and Engineering Sciences (ICNES'18), BODRUM / MUĞLA, Turkey, 9 - 12 October 2018
- X. **Vibration Control of a 2-DOF Quarter Car with an Actuator by State Space and System Identification Methods**
MALGACA L., UYAR M., LÖK Ş. İ.
2nd International Students Science Congress, İzmir, Turkey, 4 - 05 May 2018
- XI. **PASSIVE VIBRATION SUPPRESSION OF A SINGLE-LINK FLEXIBLE MANIPULATOR**
YAVUZ Ş., MALGACA L., UYAR M., KARAGÜLLE H.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2017, pp.7-17
- XII. **FORCE-BASED VIBRATION CONTROL OF A FRAME STRUCTURE**
MALGACA L., YAVUZ Ş., UYAR M.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2017, pp.18-24
- XIII. **Closed Loop Control of a Single Link Flexible Manipulator with Strain Feedback**
UYAR M., YAVUZ Ş., MALGACA L.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2017, pp.147-155
- XIV. **Active Vibration Suppression of a Smart Flexible Manipulator**
MALGACA L., UYAR M., YAVUZ Ş.
International Congress on Natural and Engineering Sciences, Belgrade, Serbia, 21 - 25 July 2017
- XV. **Motion-based vibration control of a flexible composite box manipulator**
MALGACA L., DOĞAN H., AKDAĞ M., YAVUZ Ş., UYAR M.
25th International Conference on Composites/Nano Engineering (ICCE-25), Rome, Italy, 16 - 22 July 2017
- XVI. **L-Çerçevenin Sistem Tanımlama Yöntemi ile Titreşim Analizi**
MALGACA L., LÖK Ş. İ.
18. Ulusal Makina Teorisi Sempozyumu, Trabzon, Turkey, 5 - 07 July 2017
- XVII. **Çok Serbestlik Dereceli Esnek Robot Kolunun İvme Geri Beslemeli Aktif Titreşim Denetimi**
MALGACA L., BİDİKLİ B.
18. Ulusal Makina Teorisi Sempozyumu, Trabzon, Turkey, 5 - 07 July 2017, pp.271-275
- XVIII. **Piezoelektrik Akıllı Manipulatörün Titreşim Analizi ve Algılayıcı Performansının İncelenmesi**
MALGACA L., UYAR M., YAVUZ Ş., KARAGÜLLE H.
18. Makina Teorisi Sempozyumu, Trabzon, Turkey, 5 - 07 July 2017, pp.360-366
- XIX. **A State Space Model Based PID Tuning and Control Algorithm for 1 DOF Mechanical Systems**
MALGACA L., BİDİKLİ B.
International Congress on Natural and Engineering Sciences, 2016, ÜSKÜP, Macedonia, 1 September - 01 May 2016
- XX. **Automotive Active Suspension System Design for a Quarter Bus An Acceleration Feedback Approach**
MALGACA L., BİDİKLİ B.
International Journal of Natural and Engineering Sciences, ÜSKÜP, Macedonia, 1 - 05 September 2016
- XXI. **Vibration analysis of a cantilever composite beam by equivalent mass spring damper systems**
YAVUZ Ş., MALGACA L., KARAGÜLLE H., UYAR M.
19th International Conference on Composite Structures, Porto, Portugal, 5 - 08 September 2016, pp.83
- XXII. **The effect of joint flexibility on the vibration characteristics of composite box manipulators**
MALGACA L., AKDAĞ M., YAVUZ Ş., UYAR M., Doğan H.

- 19th International Conference on Composite Structures, Porto, Portugal, 5 - 08 September 2016, pp.82
- XXIII. **Effect of joint flexibility on vibration characteristics of a composite box manipulator**
MALGACA L., Doğan H., AKDAĞ M., YAVUZ Ş., UYAR M., BİDİKLİ B.
19th International conference on composite structures ICCS19, Porto, Portugal, 5 - 09 September 2016
- XXIV. **The Effect of Front and Rear Axles Ride Rate Ratios to the Pitch Angle of a Midibus**
MALGACA L., Enis G.
INTERNATIONAL CONGRESS ON NATURAL AND ENGINEERING SCIENCES, September 09-13, 2015, Sarajevo-Bosnia Herzegovina, 9 - 13 September 2015
- XXV. **Esnek Bir Kirişin Newmark Yöntemi ile Aktif Titreşim Kontrolü**
MALGACA L., YAVUZ Ş., KARAGÜLLE H.
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, Turkey, 14 - 17 June 2015, pp.645-649
- XXVI. **Otomatik Sera İlaçlama Robotunun Sürüş Dinamiği Testi Ve Deneysel Analizi**
MALGACA L., KARAGÜLLE H., AKDAĞ M., YAVUZ Ş.
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, Turkey, 14 - 17 June 2015, pp.139-144
- XXVII. **ÜÇ EKSENLİ SERİ ESNEK MANİPÜLATÖRÜN TİTREŞİM ANALİZİ**
MALGACA L., KARAGÜLLE H., AKDAĞ M., YAVUZ Ş.
16. Ulusal Makine Teorisi Sempozyumu, Turkey, 12 - 13 September 2013
- XXVIII. **ALTI EKSENLİ BİR ROBOTUN HAREKET KONTROLÜNÜN SOLIDWORKS SİMÜLASYONU İLE BÜTÜNLEŞTİRİLMESİ**
YAVUZ Ş., KARAGÜLLE H., MALGACA L., AKDAĞ M.
16. Ulusal Makine Teorisi Sempozyumu, Turkey, 12 - 13 September 2013
- XXIX. **A MECHATRONIC DESIGN PROCESS FOR THREE AXIS SERIAL ROBOTS**
KARAGÜLLE H., AKDAĞ M., MALGACA L.
10th ASME Biennial Conference on Engineering Systems Design and Analysis, İstanbul, Turkey, 12 - 24 July 2010, pp.837-842
- XXX. **Design of Medical Robotic Operating Rooms by SolidWorks**
KARAGÜLLE H., MALGACA L.
14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.308-311
- XXXI. **.: Dinamik Şekil Değiştirme Ölçümü ve Bir Tavan Vincinde Uygulaması**
Kara C., DEMİRİSOY M., MALGACA L.
VII. Ulusal Ölçüm Bilim Kongresi, Turkey, 22 - 23 November 2008
- XXXII. **Lazer Sensörlerle Bir Robotun Doğal Frekanslarının ve Statik Çökmelerinin Ölçümü**
AKDAĞ M., MALGACA L., KARAGÜLLE H., KIRAL Z.
TMMOB Makina Mühendisleri Odası VII. Ölçüm Bilim Kongresi, İzmir, Turkey, 20 October - 01 November 2008
- XXXIII. **Active control of free and forced vibrations in piezoelectric smart structures**
MALGACA L., KARAGÜLLE H.
18th International Conference on Adaptive Structures and Technologies, ICAST 2007, Ottawa, Canada, 3 - 05 October 2007, pp.92-100
- XXXIV. **Hareketli Yük Probleminin Deneysel Olarak İncelenmesi**
KIRAL Z., MALGACA L., AKDAĞ M.
13. Ulusal Makine Teorisi Sempozyumu, Sivas, Turkey, 7 - 09 June 2007, pp.351-360

Supported Projects

MALGACA L., Project Supported by Higher Education Institutions, TEK EKSENLİ ESNEK AKILLI MANİPÜLATÖRLERİN AKTİF VE PASİF TİTREŞİM KONTROLÜ, 2020 - 2022

MALGACA L., Project Supported by Higher Education Institutions, Sistem Tanımlama Yöntemi İle Esnek Manipülatörlerin Titreşim Kontrolü, 2019 - 2022

MALGACA L., KARAGÜLLE H., AKDAĞ M., ŞİMŞEK İ. E., TUBITAK Project, Protez Soket Kalıbı ve Kişiyeye Özel Tabanlık Üretimi İçin 4 Eksen Bilgisayar Destekli Üretim Tezgâhı, 2014 - 2016

MALGACA L., AKDAĞ M., KARAGÜLLE H., TUBITAK Project, SERALAR İÇİN KÜLTÜR PLATFORMU VE OTOMATİK İLAÇLAMA ARACI, 2013 - 2015

MALGACA L., Project Supported by Higher Education Institutions, Üç Serbestlik Dereceli Seri Esnek Manipülatörlerin Titreşim Analizi, 2010 - 2013

Malgaca L., TUBITAK Project, Seralar için Otomatik İlaçlama Aracı, 2011 - 2012

Malgaca L., Project Supported by Higher Education Institutions, Kompozit Plakların Çoklu Pim Bağlantılarında Hasar Tespiti Ve Analizi, 2009 - 2011

Kıral Z., Gören Kıral B., Malgaca L., Industrial Thesis Project, Pres Gövdesi İmalatında Kaynak Dikişi Boyutlarının Sonlu Elemanlar Analizi İle Belirlenmesi, 2008 - 2009

Malgaca L., TUBITAK Project, Mikro Konumlandırıcı Robot Tasarımı ve İmalatı, 2005 - 2008

Malgaca L., TUBITAK Project, Akıllı Mühendislik Yapıları ve Aktif Titreşim Kontrolü, 2005 - 2008

Malgaca L., Project Supported by Higher Education Institutions, Endüstriyel Robot ve Otomasyon Sistemleri Tasarımı ve Prototip Üretimi, 2005 - 2008

Malgaca L., Project Supported by Higher Education Institutions, MEKANİK SİSTEMLERİN SONLU ELEMAN MODELLERİ İLE AKTİF TİTREŞİM KONTROL YÖNTEMLERİNİN BÜTÜNLEŞTİRİLMESİ, 2003 - 2005

Malgaca L., Project Supported by Higher Education Institutions, ESNEK MEKANİK SİSTEMLERDE TİTREŞİM KONTROLÜ, 1999 - 2001

Patent

Malgaca L., Hib..., Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Recourse Number: BBF 2023.61 , Standard Registration, 2024

Malgaca L., Uluğ O., HAREKET HALİNDEKİ VE ARTIK TİTREŞİMLERİ AZALTMAK İÇİN YÖNTEM VE AYNI ŞEKİLDE ÇALIŞAN BİR SİSTEM, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: 2020 07854 , Standard Registration, 2021

Metrics

Publication: 65

Citation (WoS): 313

Citation (Scopus): 340

H-Index (WoS): 10

H-Index (Scopus): 10