Arş.Gör.Dr. SERVET MERT KUTSAL

Kişisel Bilgiler

E-posta: servet.mert@kocaeli.edu.tr
Web: https://avesis.kocaeli.edu.tr/servet.mert

Uluslararası Araştırmacı ID'leri
ORCID: 0000-0001-6985-8767
Publons / Web Of Science ResearcherID: F-7137-2018
Yoksis Araştırmacı ID: 146478

Eğitim Bilgileri

Yüksek Lisans, İstanbul Teknik Üniversitesi, Afet Yönetimi Enstitüsü, Deprem Mühendisliği (Yl), Türkiye 2013 - 2016
Lisans Çift Anadal, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 2010 - 2013
Lisans, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Türkiye 2008 - 2012

Araştırma Alanları

İnşaat Mühendisliği , Hidrolik, Mekanik

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Kocaeli Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Analysis of functionally graded rotating disks via analytical approximation methods**
Mert Kutsal S., Coşkun S. B.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, cilt.0, sa.0, ss.1-21, 2023 (SCI-Expanded)

II. **Analytical approximations for elastic limit angular velocities of rotating annular disks with hyperbolic thickness**
Mert Kutsal S., Coşkun S. B.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, cilt.45, sa.6, ss.1-12, 2023 (SCI-Expanded)

III. **Deformation Analysis of Variable Thickness Rotating Disks Using an Improved Adomian Decomposition Technique**
Mert Kutsal S., Coşkun S. B.
International Journal of Applied Mechanics, cilt.12, 2020 (SCI-Expanded)

IV. **CHARACTERIZATION OF AMBIENT VOLATILE ORGANIC COMPOUNDS AND THEIR DIURNAL VARIATIONS IN ISTANBUL, TURKEY**
DEMİR S., SARAL A., Isik D., Akyildiz A., KUZU S. L., Mert S., Demir G., GONCALOĞLU B. İ.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.20, sa.11, ss.2951-2958, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Elastic Stress Analysis of Hyperbolic Rotating Disks via Optimal Homotopy Asymptotic Method**
Mert Kutsal S., Coşkun S. B.
International Journal of Engineering Research in Mechanical and Civil Engineering, cilt.10, sa.4, ss.5-9, 2023 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Elastic Stress Analysis of Hyperbolic Rotating Disks via Optimal Homotopy Asymptotic Method**
Mert Kutsal S., Coşkun S. B.
International Conference on Mathematical Techniques in Engineering Applications, Helsingor, Danimarka, 02 Şubat 2023, ss.42

II. **Buckling of Nanobeams Using Adomian Decomposition Method**
COŞKUN S. B., MERT KUTSAL S.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 (UEMK 2019), Gaziantep, Türkiye, 24 - 25 Ekim 2019, ss.601-605

III. **Vibration of Nanobeams Using Adomian Decomposition Method**
COŞKUN S. B., MERT KUTSAL S.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 (UEMK 2019), Gaziantep, Türkiye, 24 - 25 Ekim 2019, ss.606-610

IV. **Analytical Approximations for Elastic Stresses and Displacements of Variable Thickness Rotating Disks via Improved Adomian Decomposition Method**
MERT KUTSAL S., COŞKUN S. B.
13th INTERNATIONAL CONGRESS ONADVANCES IN CIVIL ENGINEERING (ACE 2018), 12 - 14 Eylül 2018

V. **Is Civil Engineering Education at Kocaeli University Helping Students Realize Their Potentialities?**
Erdoğan H., Gazeloğlu C., Engin S., Coşkun S. B., Atay M. T., Mert Kutsal S.
13th International Congress on Advances in Civil Engineering (ACE2018), İzmir, Türkiye, 12 - 14 Eylül 2018, ss.1-8

VI. **ANALYSIS OF TWIST-BEND BUCKLING OF A CANTILEVER BEAM SUBJECTED TO AN END LOAD VIA ADM AND VIM**
YÜCESOY A., COŞKUN S. B., MERT KUTSAL S.
3rd CONFERENCE ON ADVANCES IN MECHANICAL, İstanbul, Türkiye, 19 - 21 Aralık 2017, ss.587

VII. **SOME ANALYTICAL APPROXIMATE METHODS FOR TORSIONAL VIBRATIONS AND STABILITY OF THIN-WALLED BEAMS ON ELASTIC FOUNDATIONS**
COŞKUN S. B., MERT KUTSAL S., GÖÇER M.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Türkiye, 19 - 21 Aralık 2017, ss.581

VIII. **Analysis of Beams on Elastic Foundation Using Artificial Lyapunov Parameter**
MERT KUTSAL S., TEMİZ M. M., COŞKUN S. B.
3rd Conference on Advence in Mechanical Engineering İstanbul 2017-ICAME 2017, İstanbul, Türkiye, 19 - 21 Aralık 2017

IX. **Modelling of Tsunami for multiple mass movements under the sea**
HAYIR A., MERT KUTSAL S.
16th World Conference on Earthquake, 9 - 13 Ocak 2017

X. **The Effects Of Sliding Block As A Kind Of Submarine Mass Movements On The Tsunami Amplitudes**
MERT KUTSAL S., HAYIR A.
The 26th International Ocean and Polar Engineering Conference, Rodos, Yunanistan, 26 Haziran - 01 Temmuz 2016, ss.695

XI. **OBSERVING THE EFFECT OF SOURCE LOCATION AND SIZE ON TSUNAMI AMPLITUDES FOR LANDSLIDE SOURCED TSUNAMIS**
MERT KUTSAL S., HAYIR A.
International Conference On Engineering And Natural Science, Saraybosna, Bosna-Hersek, 24 - 28 Mayıs 2016, ss.970-974

XII. **IMPORTANCE OF WATER DEPTH AND ITS EFFECT ON TSUNAMI AMPLITUDES**
MERT KUTSAL S.
Natural Disasters and Disaster Management Symposium (DAAYS'xx16), Karabük, Karabük, Türkiye, 2 - 04 Mart 2016, ss.488-491

XIII. **Effects of Submarine Multiple Mass Movements on Near The Field Tsunami Amplitudes**
MERT S., HAYIR A.
5. Uluslararası Deprem Sempozyumu, Kocaeli, Türkiye, 10 - 12 Haziran 2015, ss.114

Metrikler

Yayın: 18
Atıf (WoS): 12
Atıf (Scopus): 15
H-İndeks (WoS): 2
H-İndeks (Scopus): 2

Akademi Dışı Deneyim

Derya Mühendislik