

Arş. Gör. ÖMER CAN FARUKOĞLU

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Teknoloji Fakültesi, İmalat Mühendisliği, Türkiye 2021 - Devam Ediyor

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2013 - 2016

Lisans, TOBB Ekonomi Ve Teknoloji Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, Türkiye 2008 - 2012

Yaptığı Tezler

Yüksek Lisans, Elastic analysis of orthotropic cylinders under different boundary conditions, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 2016

Araştırma Alanları

Mekanik, Kompozitler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Stress field analysis of functionally graded polar orthotropic disk on a rigid inclusion subjected to variable angular velocity**
Motameni A., Farukoğlu Ö. C., KORKUT İ., GÜRBÜZ R.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, cilt.38, sa.1, ss.323-332, 2024 (SCI-Expanded)
- II. **Comprehensive elastic analysis of functionally graded variable thickness pressurized disk**
Farukoğlu Ö. C., Korkut İ., Motameni A.
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, cilt.103, sa.11, 2023 (SCI-Expanded)
- III. **Pure bending of fiber reinforced curved beam at the failure limit**
Farukoğlu Ö. C., Korkut İ., Motameni A.
ARCHIVE OF APPLIED MECHANICS, cilt.93, sa.7, ss.2965-2981, 2023 (SCI-Expanded)
- IV. **Failure stress response of rotating multilayered fiber reinforced annular disk**
Farukoglu Ö. C., Korkut İ.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, cilt.51, sa.9, ss.5164-5178, 2023 (SCI-Expanded)
- V. **Thermo-mechanical stress analysis of rotating fiber reinforced variable thickness disk**
Can Farukoglu Ö. C., KORKUT İ.
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, cilt.57, sa.8, ss.664-676, 2022 (SCI-Expanded)
- VI. **An analytical evaluation method to estimate effects of void induced errors on the stresses of pressurized fiber reinforced composite tube**
Farukoglu Ö. C., KORKUT İ.
MATERIALS TODAY COMMUNICATIONS, cilt.31, 2022 (SCI-Expanded)
- VII. **On the elastic limit stresses and failure of rotating variable thickness fiber reinforced composite**

disk

Farukoglu Ö. C., KORKUT İ.

ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, sa.9, 2021 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Analytical solutions for transversely isotropic fiber-reinforced composite cylinders under internal or external pressure**
FARUKOĞLU Ö. C., KORKUT İ.
Politeknik Dergisi, cilt.24, sa.2, ss.663-672, 2021 (ESCI)
- II. **Elastic Stresses of Rotating Transversely Isotropic Fiber Reinforced Composite Cylinders**
Farukoğlu Ö. C., Korkut İ.
International Journal of Engineering and Applied Sciences, cilt.12, sa.4, ss.125-137, 2020 (Hakemli Dergi)

Metrikler

Yayın: 9

Atıf (WoS): 14

Atıf (Scopus): 16

H-İndeks (WoS): 2

H-İndeks (Scopus): 2