

## Res. Asst. ALEYNA YAZICIOĞLU

### Personal Information

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### International Researcher IDs

ScholarID: NdjSeH0AAAAJ

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### Education Information

Doctorate, Akdeniz University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2024 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2020 - 2024

Undergraduate, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2016 - 2020

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Pasternak Zemine Oturan ve Rijit Dairesel Blok Aracılığıyla Yüklenen Biri Fonksiyonel Derecelenmiş İki Tabakanın Temas Problemi, Akdeniz University, Faculty Of Engineering, Department Of Civil Engineering, 2024

### Research Areas

Mechanics of Solid Bodies, Structural Mechanics, Building Dynamics, Building Stability

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

- Evaluation of the contact problem of two layers one of functionally graded, loaded by circular rigid block and resting on a Pasternak foundation by analytical and numerical (FEM and MLP) methods**  
Yaylacı M., Yazıcıoğlu A., Yaylacı E. U., Terzi M., Birinci A.  
Archive of Applied Mechanics , vol.95, no.4, pp.1-23, 2025 (SCI-Expanded)

### Articles Published in Other Journals

- A Receding Contact Problem of Two Layers one of Functionally Graded, Loaded by Circular Rigid Block and Resting on a Pasternak Foundation**

Yazıcıođlu A., Birinci A., Adıyaman G.

Teknik Dergi/Turkish Journal of Civil Engineering, vol.35, no.5, pp.1-18, 2024 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Contact problem of two layers one of functionally graded layer, loaded via rigid circular block and resting on a pasternak foundation**

Yazıcıođlu A., Birinci A., Adıyaman G.

ICEARC'23, Trabzon, Turkey, 12 - 14 October 2023, vol.1, pp.881-891

- II. **PASTERNAK TEMELE OTURAN VE RİJİT DAİRESEL BLOK ARACILIđIYLA YÜKLENEN BİRİ FONKSİYONEL DERECELENMİŞ İKİ TABAKANIN TEMAS PROBLEMİ**

Yazıcıođlu A., Birinci A., Adıyaman G.

23.Ulusal Mekanik Kongresi, Konya, Turkey, 4 - 09 September 2023, vol.31, no.20232, pp.23-32

## Supported Projects

TUBITAK Project, Pasternak Zemine Oturan ve Dairesel Rijit Blok Aracılıđıyla Yüklenen Biri Fonksiyonel Derecelendirilmiş İki Tabakanın Temas Problemi, 2023 - 2024

## Metrics

Publication: 4

## Congress and Symposium Activities

3rd International Civil Engineering and Architecture Conference , Attendee, Trabzon, Turkey, 2023

23.Ulusal Mekanik Kongresi, Attendee, Konya, Turkey, 2023