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Kişisel Bilgiler

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Eğitim Bilgileri

Bütünleşik Doktora, University of Rochester, Hajim School of Engineering & Applied Sciences, Hajim School of Engineering, Amerika Birleşik Devletleri 2016 - 2022

Lisans, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Müh.Bölümü, Türkiye 2008 - 2012

Araştırma Alanları

Mekanik

Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Bilecik Şeyh Edebali Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, 2023 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- A macroblock 2D finite element model for assessing the roots of failure of Huaca de la Luna's main pyramid (Peru) under seismic action**
Riccio C., Remus A., Tezcan S., Silva L. C., Milani G., Perucchio R.
Engineering Failure Analysis, cilt.151, 2023 (SCI-Expanded)

Kitap & Kitap Bölümleri

- Nonlinear 2D and 3D Finite Element Static and Dynamic Analyses of the Main Pyramid of Huaca de la Luna, Peru**
TEZCAN S., Pando M., Aguilar R., Perucchio R.
Structural Analysis of Historical Constructions, SAHC 2023, Yohei Endo, Toshikazu Hanazato, Editör, RILEM Bookseries, Springer, Cham, Kyoto, ss.957-970, 2023
- Effect of Eastern Architecture and Sloping Foundation Conditions on the Static and Dynamic Response of the Adobe Pyramid Huaca De La Luna (Perú)**
Remus A., Yilmaz L., TEZCAN S., Perucchio R.
Structural Analysis of Historical Constructions, SAHC 2023, Yohei Endo, Toshikazu Hanazato, Editör, RILEM Bookseries, Springer, Cham, Kyoto, ss.971-984, 2023

- III. **Lateral Capacity Assessment of the Main Pyramid of Huaca de la Luna (Peru) Using 2D Finite Element Macrobloc Model**
Riccio C., Remus A., TEZCAN S., Grillanda N., Milani G., Perucchio R.
Structural Analysis of Historical Constructions, SAHC 2023, Yohei Endo, Toshikazu Hanazato, Editör, RILEM Bookseries, Springer, Cham, Kyoto, ss.170-183, 2023
- IV. **STRUCTURAL ASSESSMENT UNDER LATERAL ACCELERATIONS OF A CONCRETE VAULTED MAYA BUILDING OF BONAMPAK, CHIAPAS, MEXICO**
Hamad O., Sennyondo J., Kimanya H., Nguyen D., TEZCAN S., Perucchio R.
REHABEND 2022 - CONSTRUCTION PATHOLOGY, REHABILITATION TECHNOLOGY AND HERITAGE MANAGEMENT, HAYDEE BLANCO, YOSBEL BOFFILL, IGNACIO LOMBILLO, Editör, Círculo Rojo, Granada, ss.822-829, 2022

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **DAMAGE ASSESSMENT VIA TIME HISTORY ANALYSIS OF THE MASSIVE EARTHEN PYRAMID OF HUACA DE LA LUNA, PERU**
Remus A., TEZCAN S., Pando M., Aguilar R., Perucchio R.
WCEE 18, Milan, İtalya, 30 Haziran - 05 Temmuz 2024
- II. **SEISMIC FAILURE ANALYSIS OF COMPLEX HERITAGE MASONRY STRUCTURES USING ENERGY OUTPUTS OF FINITE ELEMENT ANALYSIS**
Remus A., TEZCAN S., Sun J., Milani G., Perucchio R.
REHABEND 2024, Gijon, İspanya, 7 - 10 Mayıs 2024, ss.660-668
- III. **Numerical assessment of lateral capacity of concrete Maya vaults at Bonampak, Chiapas, Mexico**
Remus A., Kimanya H., Tezcan S., Perucchio R.
Seventeenth International Conference on Civil, Structural and Environmental Engineering Computing, Civil-Comp 2023, Pecs, Macaristan, 28 - 31 Ağustos 2023, cilt.6
- IV. **TOP DENGEME SİSTEMİNİN DOĞRUSAL KUADRATİK KONTROL TASARIMI**
TEZCAN S., BAŞARAN S.
BİLSEL 1. BİLSEL INTERNATIONAL EFES SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, İzmir, Türkiye, 22 Temmuz 2023, ss.69-81
- V. **SEISMIC VULNERABILITY ASSESSMENT OF VAULTED MAYA CONCRETE TEMPLES IN BONAMPAK, CHIAPAS, MÉXICO**
Kimanya H., Remus A., Hamad O., Sennyondo J., Nguyen D., TEZCAN S., Perucchio R.
9th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN 2023, Atina, Yunanistan, 12 Haziran 2023
- VI. **Effect of sloping sand/bedrock interface on the static and dynamic response of the adobe pyramid of Huaca de la Luna, Peru.**
Remus A., Yilmaz L., TEZCAN S., Perucchio R.
Engineering Mechanics Institute Conference 2022, Baltimore, Amerika Birleşik Devletleri, 31 Mayıs 2022
- VII. **The Structural Function of the Dutch Buttressing of the East Curtain Wall of Elmina Castle, Elmina, Ghana**
Sun J., TEZCAN S., Perucchio R.
12th International Conference on Structural Analysis of Historical Constructions, Barcelona, İspanya, 29 Eylül - 01 Ekim 2021, ss.457-468
- VIII. **Preliminary Structural Analysis of the Western Curtain Wall of Elmina Castle, Elmina, Ghana**
dos Santos M., Abelezele S., Korslund K., Cecil R., TEZCAN S., Perucchio R.
12th International Conference on Structural Analysis of Historical Constructions, Barcelona, İspanya, 29 Eylül 2021, ss.1170-1182
- IX. **ROLE OF REPEATED SEISMIC EVENTS ON THE COLLAPSE OF TWO CALIDARIA IN ROME DATING BACK TO THE IMPERIAL AGE**
Faleri F., Grillanda N., TEZCAN S., Perucchio R., Milani G.

8th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering,
Athens, Yunanistan, 28 Haziran 2021, cilt.1, ss.406-414

X. PRELIMINARY NONLINEAR STATIC AND DYNAMIC ANALYSIS OF THE MAIN PYRAMID OF HUACA DE LA LUNA, PERU

Tezcan S., Pando M., Aguilar R., Castaneda B., Rojas C., Perucchio R.

8th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering
(COMPDYN 2021), Athens, Yunanistan, 28 - 30 Haziran 2021, ss.244-253

XI. On the application of quasi-static nonlinear explicit fe formulation to the evaluation of the lateral capacity of masonry structures. Compdyn 2019

Perucchio R., TEZCAN S., Sun J.

7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering,
Creteil, Fransa, 24 - 26 Haziran 2019