



RAHIM GHOROUBI

CONTACT

TELEFON:

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OFFICE:

+90 312 233 1404

EMAIL:

rahimghoroubi@cankaya.edu.tr

LINKEDIN:

<https://www.linkedin.com/in/rahim-ghoroubi/>

DATE OF BIRTH:

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LANGUAGES:

English, Turkish, Persian

EDUCATION

2015- 2020 Ph.D. Civil Engineering, Gazi University- Turkey

2010- 2013 Master's degree, Civil Engineering, Islamic Azad University- Iran

2005- 2009 Bachelor's degree, Civil Engineering, Islamic Azad University- Iran

WORK EXPERIENCE

2019- Present Lecturer, Cankaya University

2011-2014 Research Assistant, Islamic Azad University

SKILLS

AutoCAD, Etabs, SAP2000, Word, Excel, PowerPoint, Outlook

RESEARCH INTERESTS

- Reinforcement and retrofitting of reinforced concrete elements
- Experimental investigation of structural elements and systems
- Behavior of structural elements and systems under the effect of impact loading
- The effect of explosives on building elements and systems

REFERENCE

Gazi University- Turkey

Prof. Dr. Özgür ANIL

EMAIL: [oanil@gazi.edu.tr](mailto: oanil@gazi.edu.tr) And [ozguranyl@gmail.com](mailto: ozguranyl@gmail.com)

Contact: +90 (312) 582 3113

PAPERS AND BOOKS

SCI PAPERS:

1. Sakin, S., Anil, Ö., **Ghoroubi, R.** and Mercimek, Ö. (2019). "Modelling bond between concrete and bonded and anchored carbon-fibre polymer strips", ICE Publishing, Proceedings of the Institution of Civil Engineers: Structures and Buildings.
2. **Ghoroubi, R.,** Mercimek, Ö. and Anil, Ö. (2020). "A New Novel Model Proposal For Bond-Slip Behavior Between Angular CFRP Fan Type Anchored CFRP Strip and Concrete Surface". International Journal of Engineering Research and Development, 12(2), 380-386.
3. **R Ghoroubi, Ö Mercimek, A Özdemir, Ö Anil.** (2020). "Experimental investigation of damaged square short RC columns with low slenderness retrofitted by CFRP strips under axial load". Structures. SCI-Expanded
4. Ö Mercimek, **R Ghoroubi, M baran, Ö Anil.** (January 2020). "Behaviour of Cracked Steel Beam Retrofitting with Anchored CFRP Strip Under Static and High Load Level Low Cycle Fatigue Loading". Structures & Buildings. SCI-Expanded
5. Ö Mercimek, **R Ghoroubi, Ö Anil, C Çakmak, A Özdemir, Y Koprman** (December 2020). "Strength, ductility, and energy dissipation capacity of RC column strengthened with CFRP strip under axial load". Mechanics Based Design of Structures and Machines. DOI: 10.1080/15397734.2020.1860772. SCI-Expanded
6. **A Ö Acehan, Ö Mercimek, R Ghoroubi, Ö Anil.** (October 2020). "Experimental Investigation of The Effects of Mechanical Anchor Number and Layout Shape on Bond Stress-Slip Displacement Behavior at Timber Joints". International Journal of Engineering Research and Development. TR
7. **U K İşleyen, R Ghoroubi, Ö Mercimek, Ö Anıl, A Togay, R T Erdem.** (January 2021). "Effect of anchorage number and CFRP strips length on behavior of strengthened glulam timber beam for flexural loading". Advances in Structural Engineering. DOI: 10.1177/1369433220988622. SCI-Expanded

CONFERENCE PRESENTATIONS:

1. Mercimek, Ö., **Ghoroubi, R.** and Anil, Ö. (2016, 24-28 October 2016). Behavior of RC Square Column Strengthening with CFRP Strip Subjected to Low Velocity Lateral Impact Loading, AERS 2016, International Congress on Advanced Earthquake Resistant Structures, Samsun, Turkey.
2. **Ghoroubi, R.,** Anil, Ö. and Mercimek, Ö. (8-11/2019, October). Retrofitting of Damaged Square RC Columns Using with CFRP strip, 5. International Conference on Earthquake Engineering and Seismology, Ankara, Turkey.
3. Mercimek, Ö., Anil, Ö. and **Ghoroubi, R.,** (8-11/2019, October). Proposed New Bond-Slip Model Between Angular CFRP Fan Type Anchored CFRP Strip to Concrete Surface, 5. International Conference on Earthquake Engineering and Seismology, Ankara, Turkey.
4. **Mercimek Ö., Ghoroubi R., Özdemir A., Anıl Ö.** (2020). Strengthening of Columns with Different Innovative

Composite Materials for RC Buildings without Sufficient Earthquake Resistance. International Conference on Advanced Materials Science & Engineering and HighTech Devices Applications; Exhibition (ICMATSE 2020), October 2-4, 2020, Gazi University, Ankara, TURKEY, Ankara, Türkiye, 2 - 04 Ekim 2020, ss.214-215

BOOKS:

1. Mercimek, Ö., Ghoroubi, R., Anil, Ö., "Chapter 16: Behavior of RC Square Column Strengthening with CFRP Strips Subjected to Low Velocity Lateral Impact Loading", Seismic Isolation, Structural Health Monitoring, and Performance Based Seismic Design in Earthquake Engineering, Editors: Azer A. Kasimzade, Erdal Şafak, Carlos E. Ventura, Farzad Naeim, Yoichi Mukai, Book ID: 455422_1_En, Book ISBN: 978-3-319-93156-2, Springer, pp. 329-342, 2019.