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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JWA-5089-2024

Education Information

Doctorate, University of Sheffield, Faculty of Engineering, Mechanical Engineering, England 2019 - 2023

Postgraduate, University of Sheffield, Faculty of Engineering, Civil and Structural Engineering, England 2017 - 2019

Undergraduate, Firat University, Faculty of Engineering, Civil Engineering, Turkey 2010 - 2014

Foreign Languages

English, C1 Advanced

Research Areas

Mechanics of Solid Bodies, Structural Mechanics, Composites

Courses

Strength of Materials II, Undergraduate, 2023 - 2024

Engineering Mechanics: Statics, Undergraduate, 2023 - 2024

Computer-aided Drawing, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of randomness and piezomagnetic coupling on the appearance of stop-bands in heterogeneous magnetorheological elastomers**
Eraslan S., Gitman I., Askes H., de Borst R.
Archive of Applied Mechanics, vol.93, no.8, pp.3259-3273, 2023 (SCI-Expanded)
- II. **Determination of representative volume element size for a magnetorheological elastomer**
Eraslan S., Gitman I. M., Askes H., de Borst R.
Computational Materials Science, vol.203, 2022 (SCI-Expanded)

Metrics

Publication: 3