

## Majid Barghian

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## Papers in Journals

- 1. عبداله عزیزی, & برقیان, Comparison of the performance of frictional pendulum isolators and suspended pendulum isolators, Earthquakes and Structures, 2025 04 05.
- 2. Abdallah Azizia and Majid Barghian, Proposing rhombus shape non-linear connection by seismic approach on the "pendulum column" isolator considering buckling effect in its piers, Structural Engineering and Mechanics, Vol. 3, pp. 257-266, 2024 11 5.

## **Thesis**

- 1. Behavior of a three-dimensional steel frame with cable braces with a plate in the middle of the cables
- 2. Using MR dampers in cable-stayed bridges
- 3. Seismic Retrofitting of Three-Dimensional Steel Moment Frames with Cable Braces Equipped with Rings and Arcs
- 4. Seismic performance of RC structures retrofitted with cable together with a central steel plate