



## Majid Barghian

Professor

College: Civil Engineering

### Papers in Journals

1. Arman Khatar , Salar Farahmand Tabar , Majid Barghian.Lambda-shaped hangers: an innovative fatigue-resistant hanger system for pedestrian suspension bridges.Mechanics Based Design of Structures and Machines.۲۰۲۵ ۰۹ ۳۰.
2. Mahdi Abbasi و Majid Barghian.Earthquake Effect on Steel Frame with Cable Bracing and Magnetorheological (MR) Damper.Modares Civil Engineering Journal.۲۰۲۵ ۰۸ ۱۶.
3. برقیان & عبدالله عزیزی, Comparison of the performance of frictional pendulum isolators and suspended pendulum isolators,Earthquakes and Structures,2025 04 05.
4. 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. Retrofitting of two-dimensional concrete frames with cable bracing equipped with arcs and rings , Sana Zabihi , 2026/6/2
2. Behavior of a three-dimensional steel frame with cable braces with a plate in the middle of the cables . Alireza Gorji . 2025/2/3
3. Using MR dampers in cable-stayed bridges , Samrand Mohammadi , 2024/12/10
4. Seismic Retrofitting of Three-Dimensional Steel Moment Frames with Cable Braces Equipped with Rings and Arcs , Aylar Kanani , 2024/10/15
5. Seismic performance of RC structures retrofitted with cable together with a central steel plate . Mustafa Dheyaa ALkaabi , 2024/10/15