
Mohammad Reza Ghasemi Professor



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University of Sistan and Baluchestan, Daneshgah Ave., Zahedan,
Iran.

Education

- ✓ PhD, Civil Engineering - Structure, University of Newcastle upon Tyne - 1998

Courses

1. Structural Analysis I
2. Structural Analysis II
3. Finite Element Method
4. Systems Eng.

Master Thesis

- 1. Evaluation of compressive strength of concrete containing recycled materials**
فائزه خالص مير, [Mohammad Reza Ghasemi, Arash Naderi]
نیمسال اول سال تحصیلی 1403-1404
- 2. Diagnosing damage in frame structures with noise using Vibration-Based records and optimization algorithms through experimental and numerical approaches**
علیرضا اسوده, [Mohammad Reza Ghasemi, Hamed Ghohani Arab]
نیمسال دوم سال تحصیلی 1403-1402
- 3. Deep Learning Neural Networks for Structural Optimization: A Recent Frontier in Structural Engineering**
فاطمه السادات سیدیزدی, [Mohammad Reza Ghasemi,]
نیمسال دوم سال تحصیلی 1403-1402
- 4. experimental investigation and modeling of damage detection of concrete lamp post**
مسعود حسین پورفرد, [Hamed Ghohani Arab, Mohammad Reza Ghasemi]
نیمسال اول سال تحصیلی 1403-1402
- 5. Life Cycle Multi-objective Optimization of resilient buildings using a BIM based approach**
علی صباغ زاده فریز, [Mohammad Reza Ghasemi, Hesam Varaee]
نیمسال اول سال تحصیلی 1402-1401
- 6. Life Cycle Multi-objective Optimization of resilient buildings using a BIM based approach**
علی صباغ زاده فریز, [Mohammad Reza Ghasemi, Hesam Varaee]
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- 7. Reliability-Based Control Design for Seismic-Excited Structures**
سعید حسینی, [Mohammad Reza Ghasemi, Sadegh Etedali]
نیمسال دوم سال تحصیلی 00-01
- 8. Life Cycle Multi-objective Optimization of resilient buildings using a BIM based approach**
علی صباغ زاده فریز, [Mohammad Reza Ghasemi, Hesam Varaee]
نیمسال دوم سال تحصیلی 00-01
- 9. Reliability-Based Control Design for Seismic-Excited Structures**
سعید حسینی, [Mohammad Reza Ghasemi, Sadegh Etedali]
نیمسال دوم سال تحصیلی 00-01
- 10. Shape and topology optimization of composite pedestrian bridges, based on conventional codes of practice, using Metaheuristic Algorithms**
ارسلان کریمی, [Mohammad Reza Ghasemi]
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- 11. Life Cycle Multi-objective Optimization of resilient buildings using a BIM based approach**
علی صباغ زاده فریز, [Mohammad Reza Ghasemi, Hesam Varaee]
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- 12. Analysis and Optimization of FRP Laminate Concrete Shear Wall**
علی محلاتی رایینی, [Hamed Ghohani Arab, Mohammad Reza Ghasemi]
نیمسال اول سال تحصیلی 00-01
- 13. Reliability-Based Control Design for Seismic-Excited Structures**

سعيد حسينيائي, [Mohammad Reza Ghasemi, Sadegh Etedali]

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14. Reliability-Based Control Design for Seismic-Excited Structures

سعيد حسينيائي, [Mohammad Reza Ghasemi, Sadegh Etedali]

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15. Analysis and Optimization of FRP Laminate Concrete Shear Wall

علي محلاتي رايني, [Hamed Ghohani Arab, Mohammad Reza Ghasemi]

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16. Investigation of multiple methods of constraints handling on the optimization problems for steel moment frame

بهرزاد كمالي جانفدا, [Mohammad Reza Ghasemi]

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17. Damage Detection of Trusses Based on Determinacy and Indeterminacy of Structures

ارش نادري, [Mohammad Reza Sohrabi, Mohammad Reza Ghasemi,]

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19. Two-stage damage detection utilizing suspected elements identification indexes and optimization tools

نادر حاجي آفاجان پور, [Mohammad Reza Ghasemi, Hamed Ghohani Arab]

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20. Two-stage damage detection utilizing suspected elements identification indexes and optimization tools

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21. Damage Detection of Trusses Based on Determinacy and Indeterminacy of Structures

ارش نادري, [Mohammad Reza Sohrabi, Mohammad Reza Ghasemi,]

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26. Two-stage damage detection utilizing suspected elements identification indexes and optimization tools

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[Mohammad Reza Ghasemi, Mohammad Hassan Mirabimoghaddam]

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28. optiOptimization of Intermediate Reinforced Concrete Moment Frames

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[Mohammad Reza Ghasemi,]، ادریس سروری

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[Mohammad Reza Ghasemi]، عالیہ محمدی

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[Mohammad Reza Ghasemi, Mehdi Azhdary Moghaddam]، علی پور اربابی

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[Mohammad Reza Ghasemi, Naser Shabakhty]، مهدی نوبهاری

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1. Multi-Objective Optimization in Support of Life-Cycle Cost-Performance-Based Design of Reinforced Concrete Structures

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2. Optimal Design of Steel Structures Using Innovative Black Widow Algorithm Hybridized with Greedy Sensitivity-Based Particle Swarm Optimization Technique

Mohammad Reza Ghasemi, Abdolhamid Salarnia, Mehdi Ghasri

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3. Linear Constrained Optimization Method (LiCOM): A Novel Paradigm to Handle Engineering Optimization Problems

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4. Reliability-based optimal control design for seismic-excited structures: A hybrid IS-MTLBO pseudo-double loop method

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5. Sensitivity and Reliability Analyses in to Actively Controlled Structures Under Earthquake

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6. ANFIS-TLBO HYBRID APPROACH TO PREDICT COMPRESSIVE STRENGTH OF RECTANGULAR FRP COLUMNS

Mohammad Reza Ghasemi, Mehdi Ghasri, Abdolhamid Salarnia

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7. Soccer league optimization-based championship algorithm (SLOCA): A fast novel meta-heuristic technique for optimization problems

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9. An improved chaotic ideal gas molecular movement algorithm for engineering optimization problems

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10. A high-performance four-node fat shell element with drilling degrees of freedom

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11. Damage Detection of Single Tapered Poles Using APSO Algorithm

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