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College: Faculty of Engineering

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Papers in Journals

1. B Dizangian ,& MR Ghasemi,Ranked-based sensitivity analysis for size optimization of structures,Journal of Mechanical Design,2015 8 16.
2. B Dizangian ,& MR Ghasemi,Ranked-based sensitivity analysis for size optimization of structures,Journal of Mechanical Design,Vol. 12,No. 137,pp. 121402 ,2015.
3. M. Salar , B. Dizangian , M. Mir,Optimum Design of Space Trusses using Water Cycle Algorithm,Advance Researches in Civil Engineering,2019 07 01.
4. A. Naderi , M.R. Sohrabi , M.R. Ghasemi , B. Dizangian,A fast damage detecting technique for indeterminate trusses,Structural Engineering and Mechanics,pp. 585,2020 09 10.
5. B. Dizangian ,& M.R. Ghasemi,Optimization of structural and mechanical engineering problems using the enriched ViS-BLAST method,Structural Engineering and Mechanics,Vol. 77,pp. 613,2021 03 10.
6. A. Naderi, M.R. Sohrabi, M.R. Ghasemi, B. Dizangian,A swift technique for damage detection of determinate truss structures (2),Engineering with Computers,2021 02 10.
7. A. Naderi , M.R. Sohrabi , M.R. Ghasemi , B. Dizangian,A swift technique for damage detection of determinate truss structures (2),Engineering with Computers,2021 02 10.
8. M. R. Ghasemi , C.V. Camp , B. Dizangian,Novel decoupled framework for reliability-based design optimization of structures using a robust shifting technique,Frontiers of Structural and Civil Engineering,Vol. 13,pp. 800,2019 07 10.
9. N. Hosseini , M.R. Ghasemi , B. Dizangian,ANFIS-based Optimum Design of Real Power Transmission Towers with Size, Shape and Panel Variables using BBO Algorithm,IEEE Transactions on Power Delivery,2021 19 1.
10. A. Naderi , M.R. Sohrabi , M.R. Ghasemi , B. Dizangian>Total and partial updating technique: A swift approach for cross-section and geometry optimization of truss structures,KSCE Journal of Civil Engineering,2020 4 20.
11. M. Salehizadeh ,& B. Dizangian,Evaluation of strength of porous concrete made using scrap rubber,Concrete Research,2020 2 16.
12. A. Naderi , M.R. Sohrabi , M.R. Ghasemi , B. Dizangian,A swift technique for damage detection of determinate truss structures,Engineering with Computers,2020 1 22.
13. M. Salar , M.R. Ghasemi , B. Dizangian,Practical optimization of deployable and scissor-like structures using a fast GA method,Frontiers of Structural and Civil Engineering,2018 7 27.
14. A. Ghalandari , M.R. Ghasemi , B. Dizangian,Enhancing seismic performance of ductile moment frames with delayed wire-rope bracing using middle steel plate,Steel and Composite Structures,2018 7 25.
15. B Dizangian ,& MR Ghasemi,Border-search and jump reduction method for size optimization of

spatial truss structures,Frontiers of Structural and Civil Engineering,2018 6 23.

16. B Dizangian ,& MR Ghasemi,An Efficient method for Reliable Optimum Design of Trusses,Steel and Composite Structures,2016 8 10.

17. B Dizangian ,& MR Ghasemi,A fast decoupled reliability-based design optimization of structures using B-spline interpolation curves,Journal of the Brazilian Society of Mechanical Sciences and Engineering,pp. 1817-1829,2015 9 15.

18. M. Salar , M.R. Ghasemi , B. Dizangian,A Fast Ga-Based Method for Solving Truss Optimization Problems,International Journal of Optimization in Civil Engineering,2015 10 5.

19. B Dizangian ,& MR Ghasemi,Size, shape and topology optimization of composite steel box girders using pso method,Asian journal of civil engineering,2010 1 1.