

Optimal Design of Scissor-Link Foldable Structures Using Algorithm

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#	ARTICLE	IF	CITATIONS
1	Ant Algorithms for Discrete Optimization. <i>Artificial Life</i> , 1999, 5, 137-172.	1.0	2,264
2	Ant Colony Optimization for Design of Space Trusses. <i>International Journal of Space Structures</i> , 2008, 23, 167-181.	0.3	87
3	The Group Search Optimizer and its Application on Truss Structure Design. , 2008, , .		9
4	A Quick Group Search Optimizer with Passive Congregation and its Convergence Analysis. , 2009, , .		6
5	The Group Search Optimizer and its Application to Truss Structure Design. <i>Advances in Structural Engineering</i> , 2010, 13, 43-51.	1.2	19
6	A Quick Group Search Optimizer and Its Application to the Optimal Design of Double Layer Grid Shells. , 2010, , .		5
7	A Hybrid Particle Swarm-Gradient Algorithm for Global Structural Optimization. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2010, 26, 48.	6.3	54
8	A Hybrid Bilevel Model for the Optimal Shelter Assignment in Emergency Evacuations. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2010, 25, 547-556.	6.3	112
9	A HYBRID ARTIFICIAL BEE COLONY OPTIMIZATION AND QUANTUM EVOLUTIONARY ALGORITHM FOR CONTINUOUS OPTIMIZATION PROBLEMS. <i>International Journal of Neural Systems</i> , 2010, 20, 39-50.	3.2	96
10	Enhanced probabilistic neural network with local decision circles: A robust classifier. <i>Integrated Computer-Aided Engineering</i> , 2010, 17, 197-210.	2.5	320
11	Group Search Optimization for Applications in Structural Design. <i>Adaptation, Learning, and Optimization</i> , 2011, , .	0.5	22
12	Reliability-Based Transit Assignment for Congested Stochastic Transit Networks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011, 26, 311-326.	6.3	75
13	A Dual Variable Approximation-Based Descent Method for a Bi-level Continuous Dynamic Network Design Problem. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011, 26, 581-594.	6.3	17
14	Time-Varying Lane-Based Capacity Reversibility for Traffic Management. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011, 26, 632-646.	6.3	41
15	Optimum Design of Structures with Group Search Optimizer Algorithm. <i>Adaptation, Learning, and Optimization</i> , 2011, , 69-96.	0.5	2
16	Structural dynamics of the foldable stairs. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2012, 226, 2549-2572.	1.1	2
17	Interactive particle swarm optimization for the architectural design of truss structures. , 2013, , .		13
18	Structural Optimization of Deploying Structures Composed of Linkages. <i>Journal of Computing in Civil Engineering</i> , 2014, 28, 04014010.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Ant Colony Optimization Model for Tsunamis Evacuation Routes. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 723-737.	6.3	74
20	Shape-sizing nested optimization of deployable structures using SQP. Journal of Central South University, 2014, 21, 2915-2920.	1.2	6
21	Interactive truss design using Particle Swarm Optimization and NURBS curves. Journal of Building Engineering, 2015, 4, 60-74.	1.6	10
22	Fine-tuning enhanced probabilistic neural networks using metaheuristic-driven optimization. , 2016, , 25-45.		2
23	The universal scissor component: Optimization of a reconfigurable component for deployable scissor structures. Engineering Optimization, 2016, 48, 317-333.	1.5	18
24	Kinematic of symmetric deployable scissor-hinge structures with integral mechanism mode. Computers and Structures, 2017, 191, 140-152.	2.4	47
25	An Automated Structural Optimisation Methodology for Scissor Structures Using a Genetic Algorithm. Applied Computational Intelligence and Soft Computing, 2017, 2017, 1-13.	1.6	5
26	Analysis and optimal design of scissor-link foldable structures. Engineering With Computers, 2019, 35, 593-604.	3.5	10
27	An additional ultra-soft grid method for deformation and kinematic computation of scissor-type structures. International Journal of Mechanical Sciences, 2019, 153-154, 230-239.	3.6	5
28	Modeling and Kinematic Path Selection of Retractable Kirigami Roof Structures. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 352-363.	6.3	39
29	Optimizing accuracy of a parabolic cylindrical deployable antenna mechanism based on stiffness analysis. Chinese Journal of Aeronautics, 2020, 33, 1562-1572.	2.8	18
30	Multi-objective optimisation of deployable bistable scissor structures. Automation in Construction, 2020, 114, 103154.	4.8	21
31	Structural Dynamics of Planar Linkages. Springer Tracts in Mechanical Engineering, 2014, , 159-215.	0.1	0
32	Optimisation of the deployment sequence of 2 dof systems. International Journal of Computational Methods and Experimental Measurements, 2017, 5, 504-513.	0.1	0
33	Deployable Structures: Structural Design and Static/Dynamic Analysis. Journal of Elasticity, 2021, 146, 199-235.	0.9	29
34	Geometric strategies to design a bistable deployable structure with straight scissors using stiff and flexible rods. International Journal of Solids and Structures, 2022, 238, 111381.	1.3	5
35	Geometric design and kinematics of spatial deployable structures using tripod-scissor units. Structures, 2022, 38, 323-339.	1.7	5
36	State-of-Art review on deployable scissor structure in construction. Structures, 2022, 42, 160-180.	1.7	5

#	ARTICLE	IF	CITATIONS
37	Review on the Developments of Structure, Construction Automation, and Monitoring of Intelligent Construction. Buildings, 2022, 12, 1890.	1.4	2