Robustness assessment of Hetero-functional graph the urban utility networks

Reliability Engineering and System Safety 212, 107627

DOI: 10.1016/j.ress.2021.107627

Citation Report

#	Article	IF	CITATIONS
1	A Robustness Evaluation Method of Natural Gas Pipeline Network Based on Topological Structure Analysis. Frontiers in Energy Research, 2021, $9$ , .	2.3	0
2	Predictive resilience of interdependent water and transportation infrastructures: A sociotechnical approach. Socio-Economic Planning Sciences, 2022, 80, 101166.	5.0	14
3	From random failures to targeted attacks in network dismantling. Reliability Engineering and System Safety, 2022, 218, 108146.	8.9	19
4	Bayesian Graph Neural Network for Fast identification of critical nodes in Uncertain Complex Networks. , 2021, , .		2
5	Determination of the optimal period for replacement of pipelines. Safety and Reliability of Power Industry, 2022, 14, 174-179.	0.5	1
6	Measuring network interdependency between dependent networks: A supply-demand-based approach. Reliability Engineering and System Safety, 2022, 225, 108611.	8.9	5
7	Robustness of Power Distribution System: A Comparative Study of Network and Performance Based Metrics. IEEE Access, 2022, 10, 82531-82539.	4.2	0
8	Managing Water-Energy-Carbon Nexus for Urban Areas With Ambiguous Moment Information. IEEE Transactions on Power Systems, 2023, 38, 4432-4446.	6.5	3
9	Application of Matrix Algorithm Based on Graph Theory in Real-time Fault Diagnosis Knowledge Perfection Detection of Spacecraft Telemetry Data., 2022,,.		1
10	Modeling of risk cascading propagation in project portfolio network. Physica A: Statistical Mechanics and Its Applications, 2023, 612, 128450.	2.6	1
11	The robustness of complex product development projects under design change risk propagation with gray attack information. Reliability Engineering and System Safety, 2023, 235, 109248.	8.9	1
12	Preparing infrastructure for surprise: fusing synthetic network, interdependency, and cascading failure models. Environmental Research: Infrastructure and Sustainability, 2023, 3, 025009.	2.3	O
13	A survey of multilayer networks modelled to assess robustness in infrastructure systems. Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction, 2023, 176, 117-125.	1.7	1
14	Dynamic risk analysis of accidents chain and system protection strategy based on complex network and node structure importance. Reliability Engineering and System Safety, 2023, 238, 109413.	8.9	7
15	Evaluation of industrial network robustness against targeted attacks. Concurrency Computation Practice and Experience, 2023, 35, .	2,2	2
16	Towards a resilient community: A decision support framework for prioritizing stakeholders' interaction areas. Reliability Engineering and System Safety, 2023, 237, 109358.	8.9	1
17	Capturing cascading effects under urban flooding: A new framework in the lens of heterogeneity. Journal of Hydrology, 2023, 626, 130249.	5.4	0
19	Modeling near-real-time multiphase cascading failures across interdependent power, water, and gas infrastructure. Structure and Infrastructure Engineering, 0, , 1-17.	3.7	O

# ARTICLE IF CITATIONS

20 Identifying critical weak points of power-gas integrated energy system based on complex network theory. Reliability Engineering and System Safety, 2024, 246, 110054.

8.9 0