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New internal index for clustering validation based on graphs

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#	Paper	IF	Citations
29	A Novel Equidistant-Scattering-Based Cluster Index. <b>2018</b> ,		0
28	A novel internal validity index based on the cluster centre and the nearest neighbour cluster. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 71, 78-88	7.5	23
27	Improving performance of node clustering in wireless sensor networks using meta-heuristic algorithms and a novel validity index. <i>Journal of Supercomputing</i> , <b>2019</b> , 75, 7550-7572	2.5	3
26	A fast hybrid clustering technique based on local nearest neighbor using minimum spanning tree. <i>Expert Systems With Applications</i> , <b>2019</b> , 132, 28-43	7.8	9
25	An Internal Validity Index Based on Density-Involved Distance. <i>IEEE Access</i> , <b>2019</b> , 7, 40038-40051	3.5	9
24	Mutual equidistant-scattering criterion: A new index for crisp clustering. <i>Expert Systems With Applications</i> , <b>2019</b> , 128, 225-245	7.8	3
23	External clustering validity index based on chi-squared statistical test. <i>Information Sciences</i> , <b>2019</b> , 487, 1-17	7.7	15
22	Performance analysis of clustering internal validation indexes with asymmetric clusters. <i>IEEE Latin America Transactions</i> , <b>2019</b> , 17, 807-814	0.7	4
21	A Density Discriminant Index for Cluster Validation. <b>2019</b> ,		0
20	Evolutionary multi-objective automatic clustering enhanced with quality metrics and ensemble strategy. <i>Knowledge-Based Systems</i> , <b>2020</b> , 188, 105018	7.3	17
19	A cluster validity evaluation method for dynamically determining the near-optimal number of clusters. <i>Soft Computing</i> , <b>2020</b> , 24, 9227-9241	3.5	12
18	Cluster validity index for irregular clustering results. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 95, 106583	7.5	5
17	A convolution-based distance measure for fuzzy singletons and its application in a pattern recognition problem. <i>Integrated Computer-Aided Engineering</i> , <b>2020</b> , 28, 51-63	5.2	6
16	RDMN: A relative density measure based on MST neighborhood for clustering multi-scale datasets. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	2
15	Gabriel graph-based connectivity and density for internal validity of clustering. <i>Progress in Artificial Intelligence</i> , <b>2020</b> , 9, 221-238	4	1
14	A novel internal cluster validity index. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 38, 4559-4571	1.6	
13	Efficient synthetical clustering validity indexes for hierarchical clustering. <i>Expert Systems With Applications</i> , <b>2020</b> , 151, 113367	7.8	24

12	New internal clustering validation measure for contiguous arbitrary-shape clusters. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 5506-5529	8.4	1
11	Generation of Restricted Zones for AGVs Routes by Clustering Algorithms. <i>Advances in Intelligent Systems and Computing</i> , <b>2022</b> , 471-479	0.4	
10	Hierarchical time series clustering on tail dependence with linkage based on a multivariate copula approach. <i>International Journal of Approximate Reasoning</i> , <b>2021</b> , 139, 88-103	3.6	1
9	A New Clustering Approach for Automatic Oscillographic Records Segmentation. <i>Energies</i> , <b>2021</b> , 14, 6778	3.1	1
8	New Internal Clustering Evaluation Index Based on Line Segments. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 534-541	0.9	
7	Efficient construction of an approximate similarity graph for minimum spanning tree based clustering. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 97, 106676	7.5	0
6	A node-based index for clustering validation of graph data. <i>Annals of Operations Research</i> , 1	3.2	
5	A new validity clustering index-based on finding new centroid positions using the mean of clustered data to determine the optimum number of clusters. <i>Expert Systems With Applications</i> , <b>2022</b> , 191, 116329	7.8	2
4	A new cell group clustering algorithm based on validation & correction mechanism. <i>Expert Systems With Applications</i> , <b>2022</b> , 193, 116410	7.8	0
3	Binning-Based Silhouette Approach to Find the Optimal Cluster Using K-Means. <b>2022</b> , 10, 115025-115032		0
2	A novel cluster validity index based on augmented non-shared nearest neighbors. <b>2023</b> , 223, 119784		1
1	Cluster Validity Index for Uncertain Data Based on a Probabilistic Distance Measure in Feature Space. <b>2023</b> , 23, 3708		0