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Designing an efficient method for tandem AGV network design problem using tabu search

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Applied Mathematics and Computation, 2006, 183, 1410-1421.

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#	Paper	IF	Citations
18	A design process for tandem automated guided vehicle systems: the concurrent design of machine layout and guided vehicle routes in tandem automated guided vehicle systems. <i>Journal of Manufacturing Technology Management</i> , 1996 , 7, 30-38		16
17	Designing efficient methods for the tandem AGV network design problem using tabu search and genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 36, 996-1009	3.2	10
16	A new memetic algorithm for optimizing the partitioning problem of tandem AGV systems. <i>International Journal of Production Economics</i> , 2009 , 118, 508-520	9.3	29
15	Mathematical programming approach to optimize material flow in an AGV-based flexible jobshop manufacturing system with performance analysis. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 51, 1149-1158	3.2	24
14	A six sigma based multi-objective optimization for machine grouping control in flexible cellular manufacturing systems with guide-path flexibility. <i>Advances in Engineering Software</i> , 2010 , 41, 865-873	3.6	22
13	A machine-to-loop assignment and layout design methodology for tandem AGV systems with single-load vehicles. <i>International Journal of Production Research</i> , 2011 , 49, 3605-3633	7.8	14
12	Modified particle swarm optimization algorithm with simulated annealing behavior and its numerical verification. <i>Applied Mathematics and Computation</i> , 2011 , 218, 4365-4383	2.7	79
11	Experiment Study of AGV Navigation Based on Multi-Sensor. <i>Advanced Materials Research</i> , 2012 , 472-475, 484-487	0.5	
10	Distributed control of multi-AGV system based on regional control model. <i>Production Engineering</i> , 2013 , 7, 433-441	1.9	24
9	An exact and a simulated annealing algorithm for simultaneously determining flow path and the location of P/D stations in bidirectional path. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 648-654	9.1	9
8	An ant colony-based algorithm for finding the shortest bidirectional path for automated guided vehicles in a block layout. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 64, 399-409 ^{3.2}		18
7	A Novel Route Selection and Resource Allocation Approach to Improve the Efficiency of Manual Material Handling System in 200-mm Wafer Fabs for Industry 3.5. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 1567-1580	4.9	38
6	A co-evolutionary design methodology for complex AGV system. <i>Neural Computing and Applications</i> , 2018 , 29, 959-974	4.8	4
5	A new memetic algorithm for mitigating tandem automated guided vehicle system partitioning problem. <i>Journal of Industrial Engineering International</i> , 2018 , 14, 845-855	2.6	1
4	Inbound Logistics and Vehicle Routing. 2013 , 197-211		
3	Analytical Material Flow Model for AGV System. <i>Studies in Systems, Decision and Control</i> , 2015 , 17-25	0.8	
2	Automated Guided Vehicles. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018 , 27-76	0.5	

- 1 Multi-agent based scheduling method for tandem automated guided vehicle systems. **2023**, 123, 106229 ○