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## MOEA/D: A Multiobjective Evolutionary Algorithm Based on Decomposition

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1636	Efficiently solving multi-objective dynamic weapon-target assignment problems by NSGA-II. <b>2015</b> ,	6
1635	An Improved Ideal Point Setting in Multiobjective Evolutionary Algorithm Based on Decomposition. <b>2015</b> ,	1
1634	Multiobjective evolutionary optimization of quadratic Takagi-Sugeno fuzzy rules for remote bathymetry estimation. <b>2015</b> ,	0
1633	Relation Between Weight Vectors and Solutions in MOEA/D. <b>2015</b> ,	6
1632	Optimization of Antenna Arrays for SLL Reduction Towards Pareto Objectivity Using GA Variants. <b>2015</b> ,	2
1631	A decomposition based memetic multi-objective algorithm for continuous multi-objective optimization problem. <b>2015</b> ,	1

1630	Algorithm structure optimization by choosing operators in multiobjective genetic local search. <b>2015,</b>	2
1629	Non-integrated algorithm based on EDA and Tabu Search for test task scheduling problem. <b>2015,</b>	1
1628	MOEA/D with Adaptive Weight Vector Design. <b>2015,</b>	8
1627	A Multi-objective Memetic Algorithm for Network-Wide Flights Planning Optimization. <b>2015,</b>	2
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1624	Reference point based distributed computing for multiobjective optimization. <b>2015,</b>	1
1623	Reference vector based a posteriori preference articulation for evolutionary multiobjective optimization. <b>2015,</b>	9
1622	Scale adaptive reproduction operator for decomposition based estimation of distribution algorithm. <b>2015,</b>	2
1621	Evolutionary many-objective optimization using dynamic $\epsilon$ -hoods and Chebyshev function. <b>2015,</b>	
1620	A Novel Evolutionary Algorithm Based on Decomposition and Adaptive Weight Adjustment for Synthesis Gas Production. <b>2015,</b>	
1619	A Stable Matching-Based Selection and Memory Enhanced MOEA/D for Evolutionary Dynamic Multiobjective Optimization. <b>2015,</b>	4
1618	A Fuzzy Multi-objective Portfolio Selection Model with Transaction Cost and Liquidity. <b>2015,</b>	1
1617	Using $\epsilon$ -Dominance for Hidden and Degenerated Pareto-Fronts. <b>2015,</b>	2
1616	Set-Based Many-Objective Optimization Guided by Preferred Regions. <b>2015,</b> 87-93	
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1608	A comparison of multi-objective optimizers using a microstrip patch antenna test problem. <b>2015,</b>	
1607	4G Heterogeneous Networks Base Station Planning Using Evolutionary Multi-objective Algorithm. <b>2015,</b>	7
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1605	A proposal on a decomposition-based evolutionary multiobjective optimization for large scale vehicle routing problems. <b>2015,</b>	2
1604	Reducing complexity in many objective optimization using community detection. <b>2015,</b>	2
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1602	Evolutionary multiobjective optimization with hybrid selection principles. <b>2015,</b>	1
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1594	A species based multiobjective evolutionary algorithm for multiobjective flow shop scheduling problem. <b>2015,</b>		2
1593	Solving multi-objective multi-stage weapon target assignment problem via adaptive NSGA-II and adaptive MOEA/D: A comparison study. <b>2015,</b>		12
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1589	Decomposing a Multiobjective Optimization Problem into a Number of Reduced-Dimension Multiobjective Subproblems Using Tomographic Scanning. <b>2015,</b>		
1588	A Parallel Implementation of Multiobjective Particle Swarm Optimization Algorithm Based on Decomposition. <b>2015,</b>		6
1587	Multi-objective optimal design of hybrid renewable energy systems using evolutionary algorithms. <b>2015,</b>		1
1586	A classification and Pareto domination based multiobjective evolutionary algorithm. <b>2015,</b>		33
1585	A multi objective approach to evolving artificial neural networks for coronary heart disease classification. <b>2015,</b>		3
1584	OCBA in the yield optimization of analog integrated circuits by evolutionary algorithms. <b>2015,</b>		6
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1582	A preference-based evolutionary algorithm for multiobjective optimization: the weighting achievement scalarizing function genetic algorithm. <b>2015</b> , 62, 101-129		66
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1542	Simultaneous feature selection and weighting $\square$ An evolutionary multi-objective optimization approach. <b>2015</b> , 65, 51-59	67
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1539	A novel multi-objective particle swarm optimization with multiple search strategies. <b>2015, 247, 732-744</b>	137
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1536	Improved Metaheuristic Based on the R2 Indicator for Many-Objective Optimization. <b>2015,</b>	71
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1488	Analysis of Objectives Relationships in Multiobjective Problems Using Trade-Off Region Maps. <b>2015</b> ,		6
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1483	An adaptive configuration of differential evolution algorithms for big data. <b>2015,</b>		
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1352	Effects of Different Implementations of a Real Random Number Generator on the Search Behavior of Multiobjective Evolutionary Algorithms. <b>2016,</b>	
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1350	Characteristics of many-objective test problems and penalty parameter specification in MOEA/D. <b>2016,</b>	5
1349	Analysis and comparison of multi-objective evolutionary approaches on the multi-objective 1/0 unit commitment problem. <b>2016,</b>	
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1347	EliteNSGA-III: An improved evolutionary many-objective optimization algorithm. <b>2016,</b>	18
1346	A stochastic collaborative planning approach for electric vehicle charging stations and power distribution system. <b>2016,</b>	7
1345	Hybridizing MOEAs with Mathematical-Programming Techniques. <b>2016,</b> 185-232	
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1343	A multi-objective optimization model for retrofit strategies to mitigate direct economic loss and population dislocation. <b>2016,</b> 1, 123-136	11

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1341	Differential evolution with double-level archives for bi-objective cloud task scheduling. <b>2016</b> ,	3
1340	An effective PSO-TLBO algorithm for multi-objective optimization. <b>2016</b> ,	4
1339	A multi-phase multiobjective approach based on decomposition for sparse reconstruction. <b>2016</b> ,	7
1338	An adaptive penalty-based boundary intersection approach for multiobjective evolutionary algorithm based on decomposition. <b>2016</b> ,	3
1337	Solving the uncertain multi-objective multi-stage weapon target assignment problem via MOEA/D-AWA. <b>2016</b> ,	7
1336	A dynamic evolutionary multi-objective optimization algorithm based on decomposition and adaptive diversity introduction. <b>2016</b> ,	5
1335	A multi-phase adaptively guided multiobjective evolutionary algorithm based on decomposition for travelling salesman problem. <b>2016</b> ,	2
1334	An opposition-based self-adaptive differential evolution with decomposition for solving the multiobjective multiple salesman problem. <b>2016</b> ,	2
1333	Multi-objective optimization through differential evolution for restaurant design. <b>2016</b> ,	4
1332	Enhanced decomposition-based many-objective optimization using supplemental weight vectors. <b>2016</b> ,	4
1331	A memetic algorithm based on MOEA/D for near space communication system deployment optimization on tide user model. <b>2016</b> ,	2
1330	A MOEA/D based approach for hospital department layout design. <b>2016</b> ,	4
1329	Reconstructing Networks from Profit Sequences in Evolutionary Games via a Multiobjective Optimization Approach with Lasso Initialization. <b>2016</b> , 6, 37771	6
1328	A random-based dynamic grouping strategy for large scale multi-objective optimization. <b>2016</b> ,	29
1327	A Hybrid Evolutionary Algorithm Based on Dominated Clustering for Constrained Bi-Objective Optimization Problems. <b>2016</b> ,	1
1326	A decomposition based evolutionary algorithm with uniform design for multi-objective optimization. <b>2016</b> ,	
1325	A Decomposition-Based Constraint-Handling Technique for Constrained Multi-objective Optimization. <b>2016</b> ,	

1324	Simulation optimization in Discrete Event Logistics Systems: The challenge of operational control. <b>2016,</b>	1
1323	Manifold dimension reduction based clustering for multi-objective evolutionary algorithm. <b>2016,</b>	4
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1321	A New Evolutionary Algorithm Based on Decomposition for Multi-Objective Optimization Problems. <b>2016,</b>	0
1320	Optimum redesign of scale-free networks with robustness and cost considerations. <b>2016,</b>	
1319	An Adaptive Stochastic Ranking Mechanism in MOEA/D for Constrained Multi-objective Optimization. <b>2016,</b>	3
1318	Towards Real-Time and Temporal Information Services in Vehicular Networks via Multi-Objective Optimization. <b>2016,</b>	2
1317	Designing Complex Interplanetary Trajectories for the Global Trajectory Optimization Competitions. <b>2016,</b> 151-176	15
1316	A Density-Based Clustering Algorithm for High-Dimensional Data with Feature Selection. <b>2016,</b>	2
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1310	Enhanced Multiobjective Population-Based Incremental Learning with Applications in Risk Treaty Optimization. <b>2016,</b> 3-18	
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1290	Enhanced Chemical Reaction Optimization for Multi-objective Traveling Salesman Problem. <b>2016</b> , 91-106		
1289	SIP. <b>2016</b> , 25, 1-39		66

1288	Cost versus life cycle assessment-based environmental impact optimization of drinking water production plants. <b>2016</b> , 177, 278-87	13
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1275	Design and optimization of fractional slot concentrated winding permanent magnet machines for class IV electric vehicles. <b>2016</b> ,	4
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1253	NSABC: Non-dominated sorting based multi-objective artificial bee colony algorithm and its application in data clustering. <b>2016</b> , 216, 514-533	46

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1231	Portfolio Selections in P2P Lending. <b>2016,</b>	30
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1229	An Improved Artificial Bee Colony for Solving Multi-Objective Optimization Problems. <b>2016,</b>	
1228	Proposal of search based on a user's preference direction using reference lines. <b>2016,</b>	
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1208	Multi-objective optimization for long tail recommendation. <b>2016</b> , 104, 145-155	54
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1188	Quantum-inspired multi-objective optimization evolutionary algorithm based on decomposition. <b>2016</b> , 20, 3257-3272	7
1187	A mapping technique for better solution exploration: NSGA-II adaptation. <b>2016</b> , 22, 89-123	3
1186	A Space Division Multiobjective Evolutionary Algorithm Based on Adaptive Multiple Fitness Functions. <b>2016</b> , 30, 1659005	4
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1179	Decomposition-based chemical reaction optimization (CRO) and an extended CRO algorithms for multiobjective optimization. <b>2016</b> , 17, 174-204		6
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1168	. <b>2016</b> , 12, 911-923		28
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1166	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 563-576	15.6	21
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1158	An adaptive multi-population differential evolution algorithm for continuous multi-objective optimization. <b>2016</b> , 348, 124-141		58
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1153	Recent advances in differential evolution [An updated survey. <b>2016</b> , 27, 1-30		889
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