

Model: Schaffer

Tue, 07 Oct 2014 16:05:17 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: -100  
Max: 100  
NP: 100  
f: 0.75  
Energy: 3.510E-6

Searcher: Genetic Algorithm  
Settings:  
Max: 100  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: -100  
Energy: 1.045E-6

Searcher: Simulated Annealing  
Settings:  
Max: 100  
Cooling Factor: 0.7  
Iterations: 2000  
Min: -100  
Energy: 1.332E-6

Searcher: Max Walk-SAT  
Settings:  
Max: 100  
Retries: 100  
Iterations: 100  
Min: -100  
Energy: 3.063E-3

rank	,	name	,	med	,	iqr	
1	,	Genetic Algorithm	,	1.00E-06	,	4.37E-09	(*   ),9.98932065818e-07, 1.00001971102e-06, 1.00138448032e-06, 1.00358882813e-06, 1.00609692872e-06
1	,	Simulated Annealing	,	1.06E-06	,	2.14E-07	(*   ),1.00803629655e-06, 1.02569144977e-06, 1.0661374427e-06, 1.22359239571e-06, 1.99635374127e-06
1	,	Differential Evolution	,	1.94E-06	,	2.06E-06	(*   ),1.06725361184e-06, 1.28672444314e-06, 2.07223559886e-06, 2.98176993931e-06, 6.93015539102e-06
1	,	Max Walk-SAT	,	2.49E-03	,	4.53E-03	(--- * --- -----),2.79295551329e-05, 0.00153804699847, 0.00252315002362, 0.00375203859982, 0.00813346784096

Model: Kursawe

Tue, 07 Oct 2014 16:05:29 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: -5  
Max: 5  
NP: 100  
f: 0.75  
Energy: 1.371E-4

Searcher: Genetic Algorithm  
Settings:  
Max: 5  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: -5  
Energy: 1.578E-5

Searcher: Simulated Annealing  
Settings:  
Max: 5  
Cooling Factor: 0.6  
Iterations: 2000  
Min: -5  
Energy: 6.491E-5

Searcher: Max Walk-SAT  
Settings:  
Max: 5  
Retries: 100  
Iterations: 100  
Min: -5  
Energy: 4.534E-3

rank	name	med	iqr
1	Genetic Algorithm	1.27E-05	1.65E-05 (*
1	Simulated Annealing	5.21E-05	9.17E-05 (*
1	Differential Evolution	8.68E-05	1.50E-04 (*
1	Max Walk-SAT	3.89E-03	5.91E-03 ( ----- *
			),1.3221159078e-06, 4.33093152057e-06, 1.27352085251e-05, 1.61205307249e-05, 4.36341285705e-05
			),8.13375321423e-06, 1.98264267944e-05, 5.22352373598e-05, 9.05787026175e-05, 0.00013803169612
			),2.16864510996e-05, 3.88078192604e-05, 8.86028544369e-05, 0.000170965174733, 0.000353552450327
			),0.000909824431892, 0.00239615618922, 0.00391482423731, 0.00743196614537, 0.00958369502083

Model: Fonseca

Tue, 07 Oct 2014 16:07:02 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: -4  
Max: 4  
NP: 100  
f: 0.75  
Energy: 3.690E-10

Searcher: Genetic Algorithm  
Settings:  
Max: 4  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: -4  
Energy: 1.317E-11

Searcher: Simulated Annealing  
Settings:  
Max: 4  
Cooling Factor: 1.99  
Iterations: 2000  
Min: -4  
Energy: 2.554E-11

Searcher: Max Walk-SAT  
Settings:  
Max: 4  
Retries: 100  
Iterations: 100  
Min: -4  
Energy: 1.593E-4

rank	name	med	iqr
1	Genetic Algorithm	9.81E-12	6.03E-12 (*)
1	Simulated Annealing	2.01E-11	1.38E-11 (*)
1	Differential Evolution	1.57E-10	2.99E-10 (*)
1	Max Walk-SAT	1.51E-06	2.77E-05 (*-----)

Model: ZDT1

Tue, 07 Oct 2014 16:40:38 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: 0  
Max: 1  
NP: 100  
f: 0.75  
Energy: 8.336E-2

Searcher: Genetic Algorithm  
Settings:  
Max: 1  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: 0  
Energy: 3.751E-5

Searcher: Simulated Annealing  
Settings:  
Max: 1  
Cooling Factor: 0.007  
Iterations: 2000  
Min: 0  
Energy: 2.345E-3

Searcher: Max Walk-SAT  
Settings:  
Max: 1  
Retries: 100  
Iterations: 100  
Min: 0  
Energy: 4.168E-1

rank	name	med	iqr
1	Genetic Algorithm	2.90E-05	3.18E-05
1	Simulated Annealing	3.67E-04	8.36E-04
2	Differential Evolution	6.97E-02	7.83E-02
3	Max Walk-SAT	4.39E-01	1.93E-01

Model: ZDT3

Tue, 07 Oct 2014 16:43:21 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: 0  
Max: 1  
NP: 100  
f: 0.75  
Energy: 8.169E-2

Searcher: Genetic Algorithm  
Settings:  
Max: 1  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: 0  
Energy: 4.077E-5

Searcher: Simulated Annealing  
Settings:  
Max: 1  
Cooling Factor: 0.007  
Iterations: 2000  
Min: 0  
Energy: 3.772E-4

Searcher: Max Walk-SAT  
Settings:  
Max: 1  
Retries: 100  
Iterations: 100  
Min: 0  
Energy: 4.786E-1

rank	name	med	iqr
1	Genetic Algorithm	3.12E-05	4.26E-05
1	Simulated Annealing	2.38E-04	4.50E-04
2	Differential Evolution	8.56E-02	7.68E-02
3	Max Walk-SAT	5.17E-01	2.97E-01

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Model: Viennet3  
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Tue, 07 Oct 2014 16:49:36 GMT

Searcher: Differential Evolution  
Settings:  
cf: 0.3  
Iterations: 100  
Min: 0  
Max: 1  
NP: 100  
f: 0.75  
Energy: 1.267E-2

Searcher: Genetic Algorithm  
Settings:  
Max: 1  
Generations: 400  
Population: 50  
crossover: 0.6  
Min: 0  
Energy: 1.103E-5

Searcher: Simulated Annealing  
Settings:  
Max: 1  
Cooling Factor: 0.007  
Iterations: 2000  
Min: 0  
Energy: 4.151E-3

Searcher: Max Walk-SAT  
Settings:  
Max: 1  
Retries: 100  
Iterations: 100  
Min: 0  
Energy: 3.325E-2

rank ,	name ,	med ,	iqr	
1 ,	Genetic Algorithm ,	7.17E-06 ,	1.13E-05 (*	I),1.603677465e-06, 4.24040085086e-06, 7.1931819242e-06, 1.14640215397e-05, 2.75647382188e-05
1 ,	Simulated Annealing ,	3.20E-03 ,	5.22E-03 (*	I),0.000743729977166, 0.00138240759736, 0.00336501458546, 0.00600036875217, 0.00947707860609
1 ,	Max Walk-SAT ,	5.59E-03 ,	6.27E-03 (*-----I	),0.00159549090466, 0.00255688131461, 0.0057611981558, 0.00815395871829, 0.156875653484
1 ,	Differential Evolution ,	1.07E-02 ,	9.26E-03 (*	I),0.00133574489553, 0.00677311859581, 0.0107588089124, 0.0148819562837, 0.0281595441757