

PSO Benchmark Results

Benchmark Function	Best	Mean	Std	Rank
adjiman	-1.700564e+308	-1.700564e+308	0.000000e+00	1
schwefel_226	-1.494202e+308	-1.494202e+308	0.000000e+00	2
styblinski_tang	-1.033618e+03	-1.033618e+03	0.000000e+00	3
ackley_n3	-1.956290e+02	-1.956290e+02	0.000000e+00	4
bird	-1.067645e+02	-1.067645e+02	0.000000e+00	5
hartman3	-3.862780e+00	-3.862780e+00	0.000000e+00	6
hartman6	-3.203162e+00	-3.203162e+00	0.000000e+00	7
cross_in_tray	-2.062612e+00	-2.062612e+00	0.000000e+00	8
camel_six_hump	-1.031628e+00	-1.031628e+00	0.000000e+00	9
step	0.000000e+00	0.000000e+00	0.000000e+00	10
three_hump_camel	0.000000e+00	0.000000e+00	0.000000e+00	11
beale	0.000000e+00	0.000000e+00	0.000000e+00	12
booth	0.000000e+00	0.000000e+00	0.000000e+00	13
matyas	0.000000e+00	0.000000e+00	0.000000e+00	14
wayburn_seader3	0.000000e+00	0.000000e+00	0.000000e+00	15
leon	0.000000e+00	0.000000e+00	0.000000e+00	16
trigonometric2	0.000000e+00	0.000000e+00	0.000000e+00	17
egg_crate	0.000000e+00	0.000000e+00	0.000000e+00	18
schwefel_223	6.519942e-286	6.519942e-286	0.000000e+00	19
powell_sum	1.537860e-270	1.537860e-270	0.000000e+00	20
brown	6.592318e-114	6.592318e-114	0.000000e+00	21
brent	1.383897e-87	1.383897e-87	0.000000e+00	22
sphere	2.025573e-36	2.025573e-36	0.000000e+00	23
xin_she_yangN2	1.559750e-30	1.559750e-30	0.000000e+00	24
qing	7.253576e-28	7.253576e-28	0.000000e+00	25
zakharov	3.354025e-21	3.354025e-21	0.000000e+00	26
schwefel_120	1.302397e-15	1.302397e-15	0.000000e+00	27
schwefel_222	4.449011e-15	4.449011e-15	0.000000e+00	28
alpine1	1.604272e-14	1.604272e-14	0.000000e+00	29
xin_she_yang	8.568557e-12	8.568557e-12	0.000000e+00	30
xin_she_yang2	1.257847e-11	1.257847e-11	0.000000e+00	31
schwefel_221	3.421287e-08	3.421287e-08	0.000000e+00	32
schwefel_220	1.753209e-07	1.753209e-07	0.000000e+00	33
powell_singular	6.059450e-06	6.059450e-06	0.000000e+00	34

Benchmark Function	Best	Mean	Std	Rank
griewank	2.701742e-02	2.701742e-02	0.000000e+00	35
quartic_noise	1.754688e-01	1.754688e-01	0.000000e+00	36
schaffer_n4	2.925786e-01	2.925786e-01	0.000000e+00	37
branin_rcos	3.978874e-01	3.978874e-01	0.000000e+00	38
salomon	3.998733e-01	3.998733e-01	0.000000e+00	39
penalized	6.219000e-01	6.219000e-01	0.000000e+00	40
dixon_price	6.666667e-01	6.666667e-01	0.000000e+00	41
ackley	9.313046e-01	9.313046e-01	0.000000e+00	42
bartels_conn	1.000000e+00	1.000000e+00	0.000000e+00	43
periodic	1.000000e+00	1.000000e+00	0.000000e+00	44
stepint	2.000000e+00	2.000000e+00	0.000000e+00	45
rosenbrock	1.400393e+01	1.400393e+01	0.000000e+00	46
rastrigin	3.979831e+01	3.979831e+01	0.000000e+00	47
xin_she_yang4	6.008447e+05	6.008447e+05	0.000000e+00	48
perm_od_beta	7.146201e+09	7.146201e+09	0.000000e+00	49