

fncnumber	Fnc	FncLow	FncUp	FncDim
1	absolute	-100	100	30
2	ackley	-32	32	30
3	beale	-4.5	4.5	5
4	bohachevsky1	-100	100	2
5	bohachevsky2	-100	100	2
6	bohachevsky3	-100	100	2
7	booth	-10	10	2
8	branin	-5	10	2
9	colville	-10	10	4
10	dixonprice	-10	10	30
11	dropwave	-2	2	2
12	easom	-100	100	2
13	eggholder	-512	512	2
14	fletcher	-3.141593	3.141593	2
15	fletcher	-3.141593	3.141593	5
16	fletcher	-3.141593	3.141593	10
17	foxholes	-65.536	65.536	2
18	giunta	-1	1	2
19	goldsteinprice	-2	2	2
20	griewank	-600	600	30
21	hartman3	0	1	3
22	hartman6	0	1	6
23	himmelblau	-5	5	30
24	hump	-5	5	2
25	kowalik	-5	5	4
26	langermann	0	10	2
27	langermann	0	10	5
28	langermann	0	10	10
29	levy	-10	10	30
30	matyas	-10	10	2
31	michalewics10	0	3.141593	10
32	michalewics2	0	3.141593	2
33	michalewics5	0	3.141593	5
34	penalized	-50	50	30
35	penalized2	-50	50	30
36	perm	-4	4	4
37	powell	-4	5	24
38	powersum	0	4	4
39	quartic	-1.28	1.28	30
40	rastrigin	-5.12	5.12	30
41	rosenbrock	-30	30	30
42	schaffer	-100	100	2
43	schwefel	-500	500	30
44	schwefel_1_2	-100	100	30
45	schwefel_2_22	-10	10	30
46	shekel10	0	10	4
47	shekel5	0	10	4
48	shekel7	0	10	4
49	shubert	-10	10	2

50	sixhumpcamelback	-5	5	2
51	solomon	-100	100	30
52	sphere2	-100	100	30
53	step2	-100	100	30
54	stepint	-5.12	5.12	5
55	sumsquares	-10	10	30
56	trid	-36	36	6
57	trid	-100	100	10
58	weierstrass	-0.5	0.5	30
59	whitley	-10	10	30
60	zakharov	-5	10	10