

Comment:

Experiment7	Setting
Mutation type	0: Uniform 1: Normal
Crossover type	0: probabilistic crossover 1: Single point crossover 2: linear combination crossover
Local search type	0: Uniform 1: Normal
Local search pattern	0: best of genotype and multiple phenotypes 1: best of genotype and phenotype

Lamarck101

[illegible]

Lamarck1011

[illegible]

Lamarck1011-Lamarck101

[illegible]

[illegible][illegible][illegible][illegible]

Function	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination
F1	0.00%	0.00%	0.00%	0.00%	100.00%	60.00%	40.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	20.00%	10.00%	10.00%	0.00%	0.00%	
F2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F6	0.00%	0.00%	0.00%	90.00%	80.00%	60.00%	30.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	30.00%	70.00%	10.00%	0.00%	0.00%	
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F12	0.00%	0.00%	0.00%	100.00%	70.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	60.00%	80.00%	0.00%	0.00%	0.00%	
F13	0.00%	0.00%	0.00%	100.00%	70.00%	100.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	80.00%	40.00%	0.00%	0.00%	0.00%	
F14	0.00%	10.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F15	80.00%	80.00%	40.00%	0.00%	0.00%	20.00%	0.00%	40.00%	60.00%	80.00%	50.00%	60.00%	50.00%	50.00%	30.00%	0.00%	10.00%	0.00%	60.00%	40.00%	0.00%	
F16	0.00%	70.00%	80.00%	30.00%	50.00%	30.00%	30.00%	0.00%	0.00%	10.00%	10.00%	80.00%	50.00%	90.00%	80.00%	50.00%	70.00%	80.00%	0.00%	0.00%	0.00%	
F17	0.00%	60.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	20.00%	10.00%	70.00%	70.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	
F18	0.00%	10.00%	30.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	20.00%	20.00%	20.00%	80.00%	30.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F20	40.00%	60.00%	30.00%	50.00%	30.00%	50.00%	40.00%	30.00%	30.00%	80.00%	50.00%	70.00%	50.00%	20.00%	40.00%	20.00%	30.00%	40.00%	60.00%	10.00%	10.00%	
F21	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	20.00%	0.00%	
F23	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	10.00%	0.00%	

Lamarck121

[illegible]

Lamarck1211

[illegible]

Lamarck1210

[illegible]

Lamarck1211-Lamarck121

[illegible]

Lamarck1210-Lamarck121

Function	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination	combination
F1	0.00%	0.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F2	30.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	90.00%	100.00%	0.00%	70.00%	90.00%	30.00%	20.00%	80.00%	0.00%	0.00%	0.00%	70.00%	40.00%	
F3	0.00%	0.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	80.00%	0.00%	0.00%	0.00%	
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F6	0.00%	0.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F11	0.00%	0.00%	0.00%	10.00%	20.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%	
F12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F14	10.00%	10.00%	10.00%	-10.00%	20.00%	10.00%	-10.00%	10.00%	-20.00%	0.00%	-10.00%	-10.00%	0.00%	10.00%	0.00%	10.00%	0.00%	20.00%	-30.00%	-20.00%	
F15	10.00%	10.00%	10.00%	10.00%	-10.00%	20.00%	10.00%	0.00%	0.00%	10.00%	0.00%	10.00%	20.00%	0.00%	10.00%	0.00%	10.00%	0.00%	-20.00%	0.00%	
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
F20	20.00%	-20.00%	-10.00%	40.00%	10.00%	0.00%	-20.00%	0.00%	20.00%	-10.00%	-10.00%	10.00%	40.00%	-50.00%	-10.00%	-20.00%	-10.00%	30.00%	0.00%	-20.00%	
F21	50.00%	10.00%	-20.00%	0.00%	-20.00%	10.00%	10.00%	-30.00%	10.00%	40.00%	10.00%	-10.00%	50.00%	40.00%	0.00%	20.00%	0.00%	-10.00%	-20.00%	20.00%	
F22	-10.00%	30.00%	10.00%	0.00%	-20.00%	-20.00%	10.00%	30.00%	0.00%	-20.00%	30.00%	-20.00%	0.00%	-20.00%	-30.00%	-10.00%	0.00%	-10.00%	30.00%	10.00%	
F23	-10.00%	0.00%	30.00%	0.00%	0.00%	50.00%	10.00%	10.00%	20.00%	20.00%	-10.00%	40.00%	0.00%	-10.00%	10.00%	-30.00%	30.00%	20.00%	-10.00%	-20.00%	