n=6

X	[0]	[1]	[2]	[3]	[4]	[5]
1	0.5	0.5	0.5	0.5	0.5	0.5
2	0.1	0.1	0.2	0.5	0.5	0.5
3	0	0	0	0	0	0.1
4	0.1	0	0.2	0.5	0.5	1
5	1	0	0	0	0	0
6	0	1	0	0	0	0
7	0	0	1	0	0	0
8	0	0	0	1	0	0
9	0	0	0	0	1	0
10	0	0	0	0	0	1

μ=10

m=3

Φ	[0]	[1]	[2]
f1(x1)	$\sum_{i=1}^{n}(x_{1,i}[i]-e_1[i])^2$	$\sum_{i=1}^{n}(x_{1,i}[i]-e_2[i])^2$	$\sum_{i=1}^{n}(x_{1,i}[i]-e_3[i])^2$
…			
f10(x10)	$\sum_{i=1}^{n}(x_{10,i}[i]-e_1[i])^2$	$\sum_{i=1}^{n}(x_{10,i}[i]-e_2[i])^2$	$\sum_{i=1}^{n}(x_{10,i}[i]-e_3[i])^2$

en = [n, n, ..., n], m times

Mapping

tv	[0]	[1]	[2]	tvs controlling this	rank
1	1.5	13.5	37.5	none	0
2	3.1	17.21	43.41	1, 4	5
3	5.81	23.61	53.41	1, 3, 4	3
4	2.95	16.35	41.75	1	1
5	5	21	49	1, 2, 3, 4	4
6	5	21	49	1, 2, 3, 4	4
7	5	21	49	1, 2, 3, 4	4
8	5	21	49	1, 2, 3, 4	4
9	5	21	49	1, 2, 3, 4	4
10	5	21	49	1, 2, 3, 4	4

Pareto Sorting

elem	x	tv	tv rank
E1	x1	tv1	0
…	…	…	…
E10	x10	tv10	4

r~U[0, 1]

elem modded	x	tv re-mapped	tv re-ranked
E1	x1+r	tv1	z
…	…	…	…
E10	x10+r	tv10	k

Concatenate

2μ=20

elem concat	x	tv	tv rank
E1	x1	tv1	0
…			
E10	x10	tv10	4
E1	x1+r	tv1	0
…			
E10	x10+r	tv10	4

Pareto Sorting

elem concat	x	tv	tv rank
Ei	xi	tvi	a
Ei+1	xi+1	tvi+1	b
...			
Eμ	xμ	tvμ+1	j
...			
E2μ	x2μ	tv2xμ	z

Discard

elem concat	x	tv	tv rank
Ei	xi	tvi	a
Ei+1	xi+1	tvi+1	b
...			
Eμ	xμ	tvμ+1	j

K times