	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)	$\sum_{i=1}^{6} (x_1[i] - e_1[i])^2$	$\sum_{i=1}^{6} (x_1[i] - e_2[i])^2$	$\sum_{i=1}^{6} (x_1[i] - e_3[i])^2$		

Ψ	[0]	[+]	[2]	
f1(x1)	$\sum_{i=1}^{6} (x_1[i] - e_1[i])^2$	$\sum_{i=1}^{6} (x_1[i] - e_2[i])^2$	$\sum_{i=1}^{6} (x_1[i] - e_3[i])^2$	
<b></b>				Mappin
f10(x10)	$\sum_{i=1}^{6} (x_{10}[i] - e_1[i])^2$	$\sum_{i=1}^{6} (x_{10}[i] - e_2[i])^2$	$\sum_{i=1}^{6} (x_{10}[i] - e_3[i])^2$	

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

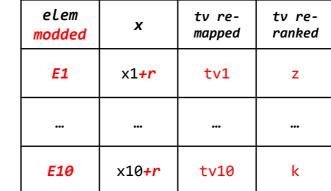
						_
	tv	[0]	[1]	[2]	tvs controlling this	rank
>	1	1.5	13.5	37.5	none	0
ing	2	3.1	17.21	43.41	1, 4	5
	3	5.81	23.61	53.41	1, 3, 4	3
	4	2.95	16.35	41.75	1	1
	5	5	21	49	1, 2, 3, 4	4
	6	5	21	49	1, 2, 3, 4	4
	7	5	21	49	1, 2, 3, 4	4
	8	5	21	49	1, 2, 3, 4	4

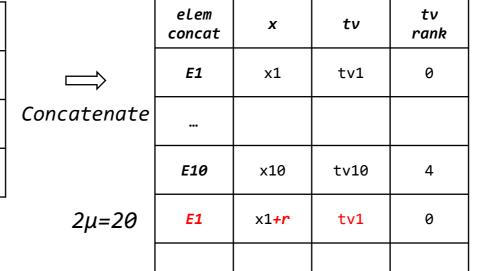
1, 2, 3, 4

1, 2, 3, 4 4

## **r**~U[0, 1]

→ Pareto Sorting	elem	х	tν	tv rank
	E1	x1	tv1	0
	•••	•••	•••	•••
	E10	x10	tv10	4





**E10** x10+r tv10

1					,
	elem concat	х	tν	tv rank	
$\Longrightarrow$	Ei	xi	tvi	a	
Pareto Sorting	Ei+1	xi+1	tvi+1	b	Dis
or cang	•••				
	Εμ	χμ	tvμ+1	j	
	•••				
	Ε2μ	x2μ	tv2xμ	Z	
					-

	elem concat	x	tν	tv rank
	Ei	хi	tvi	a
Discard	Ei+1	xi+1	tvi+1	b
	•••			
	Εμ	хμ	tvμ+1	j

**K** times