

0	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
w_2	4	1	0	0	0	1	0	0	10
w_3	8	4	1	0	0	0	1	0	100
w_4	16	8	4	1	0	0	0	1	1000
	-8	-4	-2	-1	0	0	0	0	0
1	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
w_2	0	1	0	0	-4	1	0	0	6
w_3	0	4	1	0	-8	0	1	0	92
w_4	0	8	4	1	-16	0	0	1	984
	0	-4	-2	-1	8	0	0	0	8
2	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
x_2	0	1	0	0	-4	1	0	0	6
w_3	0	0	1	0	8	-4	1	0	68
w_4	0	0	4	1	16	-8	0	1	936
	0	0	-2	-1	-8	4	0	0	32
3	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
x_2	4	1	0	0	0	1	0	0	10
w_3	-8	0	1	0	0	-4	1	0	60
w_4	-16	0	4	1	0	-8	0	1	920
	8	0	-2	-1	0	4	0	0	40
4	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
x_2	4	1	0	0	0	1	0	0	10
x_3	-8	0	1	0	0	-4	1	0	60
w_4	16	0	0	1	0	8	-4	1	680
	-8	0	0	-1	0	-4	2	0	160
5	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
x_2	0	1	0	0	-4	1	0	0	6
x_3	0	0	1	0	8	-4	1	0	68
w_4	0	0	0	1	-16	8	-4	1	664
	0	0	0	-1	8	-4	2	0	168

6	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
w_2	0	1	0	0	-4	1	0	0	6
x_3	0	4	1	0	-8	0	1	0	92
w_4	0	-8	0	1	16	0	-4	1	616
	0	4	0	-1	-8	0	2	0	192
7	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
w_2	4	1	0	0	0	1	0	0	10
x_3	8	4	1	0	0	0	1	0	100
w_4	-16	-8	0	1	0	0	-4	1	600
	8	4	0	-1	0	0	2	0	200
8	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
w_2	4	1	0	0	0	1	0	0	10
x_3	8	4	1	0	0	0	1	0	100
x_4	-16	-8	0	1	0	0	-4	1	600
	-8	-4	0	0	0	0	-2	1	800
9	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
w_2	0	1	0	0	-4	1	0	0	6
x_3	0	4	1	0	-8	0	1	0	92
x_4	0	-8	0	1	16	0	-4	1	616
	0	-4	0	0	8	0	-2	1	808
10	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
x_2	0	1	0	0	-4	1	0	0	6
x_3	0	0	1	0	8	-4	1	0	68
x_4	0	0	0	1	-16	8	-4	1	664
	0	0	0	0	-8	4	-2	1	832
11	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
x_2	4	1	0	0	0	1	0	0	10
x_3	-8	0	1	0	0	-4	1	0	60
x_4	16	0	0	1	0	8	-4	1	680
	8	0	0	0	0	4	-2	1	840

12	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
x_2	4	1	0	0	0	1	0	0	10
w_3	-8	0	1	0	0	-4	1	0	60
x_4	-16	0	4	1	0	-8	0	1	920
	-8	0	2	0	0	-4	0	1	960

13	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
x_2	0	1	0	0	-4	1	0	0	6
w_3	0	0	1	0	8	-4	1	0	68
x_4	0	0	4	1	16	-8	0	1	936
	0	0	2	0	8	-4	0	1	968

14	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
x_1	1	0	0	0	1	0	0	0	1
w_2	0	1	0	0	-4	1	0	0	6
w_3	0	4	1	0	-8	0	1	0	92
x_4	0	8	4	1	-16	0	0	1	984
	0	4	2	0	-8	0	0	1	992

15	x_1	x_2	x_3	x_4	w_1	w_2	w_3	w_4	
w_1	1	0	0	0	1	0	0	0	1
w_2	4	1	0	0	0	1	0	0	10
w_3	8	4	1	0	0	0	1	0	100
x_4	16	8	4	1	0	0	0	1	1000
	8	4	2	0	0	0	0	1	1000

$$x = [0; 0; 0; 1000], w = [1; 10; 100; 0]$$

$$y = [0; 0; 0; 1], z = [8; 4; 2; 0]$$

$$\zeta = 1000$$