

Perceptron Learning Rule								
Training examples	(1,0,0)	(1,0,1)	(1,1,0)	(1,1,1)				
Label	1	1	1	-1				
Learning rate	0.1							
Iteration	x_1	x_2	x_3	y	w_1	w_2	w_3	prediction
1	1	0	0	1	0	0	0	1
2	1	0	1	1	0	0	0	1
3	1	1	0	1	0	0	0	1
4	1	1	1	-1	0	0	0	1
5	1	0	0	1	-0.1	-0.1	-0.1	-1
6	1	0	1	1	0	-0.1	-0.1	-1
7	1	1	0	1	0.1	-0.1	0	1
8	1	1	1	-1	0.1	-0.1	0	1
9	1	0	0	1	0	-0.2	-0.1	1
10	1	0	1	1	0	-0.2	-0.1	-1
11	1	1	0	1	0.1	-0.2	0	-1
12	1	1	1	-1	0.2	-0.1	0	1
13	1	0	0	1	0.1	-0.2	-0.1	1
14	1	0	1	1	0.1	-0.2	-0.1	1
15	1	1	0	1	0.1	-0.2	-0.1	-1
16	1	1	1	-1	0.2	-0.1	-0.1	1
17	1	0	0	1	0.1	-0.2	-0.2	1
18	1	0	1	1	0.1	-0.2	-0.2	-1
19	1	1	0	1	0.2	-0.2	-0.1	1
20	1	1	1	-1	0.2	-0.2	-0.1	-1
21	1	0	0	1	0.2	-0.2	-0.1	1
22	1	0	1	1	0.2	-0.2	-0.1	1
23	1	1	0	1	0.2	-0.2	-0.1	1
24	1	1	1	-1	0.2	-0.2	-0.1	-1
25	1	0	0	1	0.2	-0.2	-0.1	1
26	1	0	1	1	0.2	-0.2	-0.1	1
27	1	1	0	1	0.2	-0.2	-0.1	1
28	1	1	1	-1	0.2	-0.2	-0.1	-1