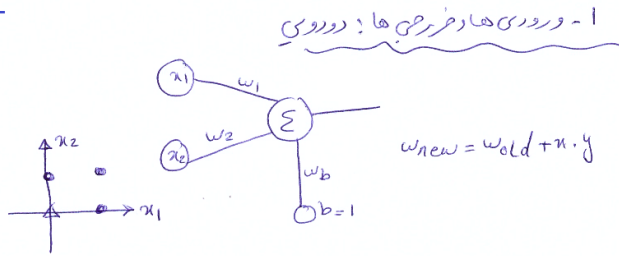


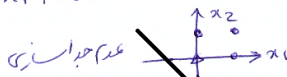
حرفنامه OR با استفاده از ماتریس:

x_1	x_2	b	x_1 OR x_2	y
1	1	1		1
1	0	1		1
0	1	1		1
0	0	1		0

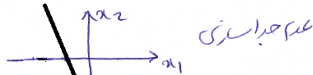


x_1	x_2	b	w_1	w_2	w_b
1	1	1	0	0	0
1	0	1	1	1	1
0	1	1	2	1	2
0	0	1	2	2	3

$\Rightarrow x_1 + x_2 + 1 = 0 \Rightarrow x_2 = -x_1 - 1$



$\Rightarrow 2x_1 + x_2 + 2 = 0 \Rightarrow x_2 = -2x_1 - 2$



$\Rightarrow 2x_1 + 2x_2 + 3 = 0$

$\Rightarrow 2x_1 + 2x_2 + 3 = 0$

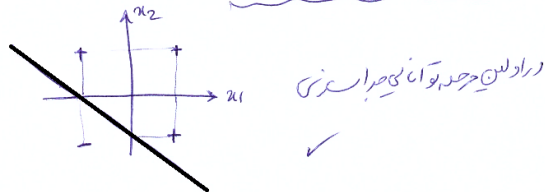
$x_2 = -x_1 - 3/2$

$\Rightarrow 2x_1 + 2x_2 + 3 = 0$

عدم جوابی $x_2 = -x_1 - 3/2$

۲- ورودی و فرم‌ها: دو قطبی

x_1	x_2	b	x_1 OR x_2
1	1	1	1
1	-1	1	1
-1	1	1	1
-1	-1	1	-1



x_1	x_2	b	w_1	w_2	w_b
1	1	1	0	0	0
1	1	1	1	1	1

$\Rightarrow x_2 = -x_1 - 1$