S	X1	X2	Z	K	Y	D	W1I	W2I	W1F	W2F	a	bias	threshold
1	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0.5
	0	1	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0	0.5
	1	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0	0.5
	1	1	1	0.2	0	1	0.1	0.1	0.2	0.2	0.1	0	0.5
2	0	0	0	0	0	0	0.2	0.2	0.2	0.2	0.1	0	0.5
	0	1	0	0.2	0	0	0.2	0.2	0.2	0.2	0.1	0	0.5
	1	0	0	0.2	0	0	0.2	0.2	0.2	0.2	0.1	0	0.5
	1	1	1	0.4	0	1	0.2	0.2	0.3	0.3	0.1	0	0.5
3	0	0	0	0	0	0	0.3	0.3	0.3	0.3	0.1	0	0.5
	0	1	0	0.3	0	0	0.3	0.3	0.3	0.3	0.1	0	0.5
	1	0	0	0.3	0	0	0.3	0.3	0.3	0.3	0.1	0	0.5
	1	1	1	0.6	1	0	0.3	0.3	0.3	0.3	0.1	0	0.5

OR GATE

S	X1	X2	Z	K	Y	D	W1I	W2I	W1F	W2F	a	bias	threshold
1	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0.5
	0	1	1	0.1	0	1	0.1	0.1	0.2	0.2	0.1	0	0.5
	1	0	1	0.2	0	1	0.2	0.2	0.3	0.3	0.1	0	0.5
	1	1	1	0.6	1	0	0.3	0.3	0.3	0.3	0.1	0	0.5
2	0	0	0	0	0	0	0.3	0.3	0.3	0.3	0.1	0	0.5
	0	1	1	0.3	0	1	0.3	0.3	0.4	0.4	0.1	0	0.5
	1	0	1	0.4	0	1	0.4	0.4	0.5	0.5	0.1	0	0.5
	1	1	1	1	1	0	0.5	0.5	0.5	0.5	0.1	0	0.5
3	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0.1	0	0.5
	0	1	1	0.5	0	1	0.5	0.5	0.6	0.6	0.1	0	0.5
	1	0	1	0.6	1	0	0.6	0.6	0.6	0.6	0.1	0	0.5
	1	1	1	1.2	1	0	0.6	0.6	0.6	0.6	0.1	0	0.5
4	0	0	0	0	0	0	0.6	0.6	0.6	0.6	0.1	0	0.5
	0	1	1	0.6	1	0	0.6	0.6	0.6	0.6	0.1	0	0.5
	1	0	1	0.6	1	0	0.6	0.6	0.6	0.6	0.1	0	0.5
	1	1	1	1.2	1	0	0.6	0.6	0.6	0.6	0.1	0	0.5

NAND Gate

S	X1	X2	Z	K	Y	D	W1I	W2I	W1F	W2F	a	bias	threshold
1	0	0	1	1	1	0	0.1	0.1	0.1	0.1	0.1	1	0.5
	0	1	1	1.1	1	0	0.1	0.1	0.1	0.1	0.1	1	0.5
	1	0	1	1.1	1	0	0.1	0.1	0.1	0.1	0.1	1	0.5
	1	1	0	1.2	1	-1	0.1	0.1	0	0	0.1	1	0.5
2	0	0	1	1	1	0	0	0	0	0	0.1	1	0.5
	0	1	1	1	1	0	0	0	0	0	0.1	1	0.5
	1	0	1	1	1	0	0	0	0	0	0.1	1	0.5
	1	1	0	1	1	-1	0	0	-0.1	-0.1	0.1	1	0.5
3	0	0	1	1	1	0	-0.1	-0.1	-0.1	-0.1	0.1	1	0.5
	0	1	1	0.9	1	0	-0.1	-0.1	-0.1	-0.1	0.1	1	0.5
	1	0	1	0.9	1	0	-0.1	-0.1	-0.1	-0.1	0.1	1	0.5
	1	1	0	0.8	1	-1	-0.1	-0.1	-0.2	-0.2	0.1	1	0.5
4	0	0	1	1	1	0	-0.2	-0.2	-0.2	-0.2	0.1	1	0.5
	0	1	1	0.8	1	0	-0.2	-0.2	-0.2	-0.2	0.1	1	0.5
	1	0	1	0.8	1	0	-0.2	-0.2	-0.2	-0.2	0.1	1	0.5
	1	1	0	0.6	1	-1	-0.2	-0.2	-0.3	-0.3	0.1	1	0.5
5	0	0	1	1	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	0	1	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	0	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	1	0	0.4	0	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
6	0	0	1	1	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	0	1	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	0	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	1	0	0.4	0	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
7	0	0	1	1	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	0	1	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	0	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	1	0	0.4	0	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
8	0	0	1	1	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	0	1	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	0	1	0.7	1	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5
	1	1	0	0.4	0	0	-0.3	-0.3	-0.3	-0.3	0.1	1	0.5