



x_1	x_2	$a_1^{(2)}$	$a_2^{(2)}$	$h_\theta(x)$
0	0	0	1	1
0	1	0	0	0
1	0	0	0	0
1	1	1	0	1

$$g(-30 + 20x_1 + 20x_2)$$

$$g(-30 + 20(0) + 20(0))$$

$$g(-30) \approx 0$$

$$g(10 - 20x_1 - 20x_2)$$

$$g(10 - 20(0) - 20(0))$$

$$g(10) \approx 1$$

$$g(-30 + 20x_1 + 20x_2)$$

$$g(-30 + 20(0) + 20(1))$$

$$g(-10) \approx 0$$

$$g(10 - 20x_1 - 20x_2)$$

$$g(10 - 20(0) - 20(1))$$

$$g(-10) \approx 0$$

$$g(-30 + 20x_1 + 20x_2)$$

$$g(-30 + 20(1) + 20(0))$$

$$g(-10) \approx 0$$

$$g(10 - 20x_1 - 20x_2)$$

$$g(10 - 20(1) - 20(0))$$

$$g(-10) \approx 0$$

$$g(-30 + 20x_1 + 20x_2)$$

$$g(-30 + 20(1) + 20(1))$$

$$g(10) \approx 1$$

$$g(10 - 20x_1 - 20x_2)$$

$$g(10 - 20(1) - 20(1))$$

$$g(-30) \approx 0$$

$$h_\theta(x) = g(-10 + 20a_1^{(2)} + 20a_2^{(2)})$$

$$= g(-10 + 20(0) + 20(1))$$

$$= g(10) \approx 1$$

$$h_\theta(x) = g(-10 + 20a_1^{(2)} + 20a_2^{(2)})$$

$$= g(-10 + 20(0) + 20(0))$$

$$= g(-10) \approx 0$$

$$h_\theta(x) = g(-10 + 20a_1^{(2)} + 20a_2^{(2)})$$

$$= g(-10 + 20(0) + 20(0))$$

$$= g(-10) \approx 0$$

$$h_\theta(x) = g(-10 + 20a_1^{(2)} + 20a_2^{(2)})$$

$$= g(-10 + 20(1) + 20(0))$$

$$= g(10) \approx 1$$