1st Layer

Sigmoid x
$$\begin{bmatrix} -0.3395 & 0.6314 & 2.0028 \\ -0.3395 & 0.6314 & 2.0028 \\ -0.9316 & -0.6832 & -4.4733 \\ 7.3698 & -3.3711 \end{bmatrix} \times \begin{bmatrix} 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 \end{bmatrix}$$

= sigmoid x
$$\begin{bmatrix} -6.0784 & -2.2916 & -2.068 & 1.7188 \\ 2.0088 & 2.6402 & 1.6693 & 2.3007 \\ -4.4733 & -1.7901 & -1.5417 & 1.1415 \\ -3.3711 & 3.9987 & 3.8815 & 11.2513 \end{bmatrix}$$

2nd Layer: