

Pasos para la construccion:

$$\text{Capa 1} = \begin{pmatrix} 2 \\ 3 \\ -1 \\ 2 \end{pmatrix} \cdot \begin{pmatrix} 2 & 3 & 0 & 1 \\ 4 & 3 & 2 & 0 \\ 1 & 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 15 \\ 15 \\ 8 \end{pmatrix} = \begin{pmatrix} 0.99 \\ 0.99 \\ 0.99 \end{pmatrix}$$

$$\text{Capa 2} = \begin{pmatrix} 0.99 \\ 0.99 \\ 0.99 \end{pmatrix} \cdot \begin{pmatrix} 1 & 7 \\ 7 & 1 \end{pmatrix} + \begin{pmatrix} -6 \\ -2 \end{pmatrix} = \begin{pmatrix} 2.91 \\ 9.88 \end{pmatrix} = \frac{\begin{pmatrix} 1 \\ 1 \end{pmatrix} \cdot e^{-2.91}}{1 + e^{-9.88}}$$

$$\begin{pmatrix} 0.99 \\ 0.99 \end{pmatrix}$$

Interpretacion Grafica:

