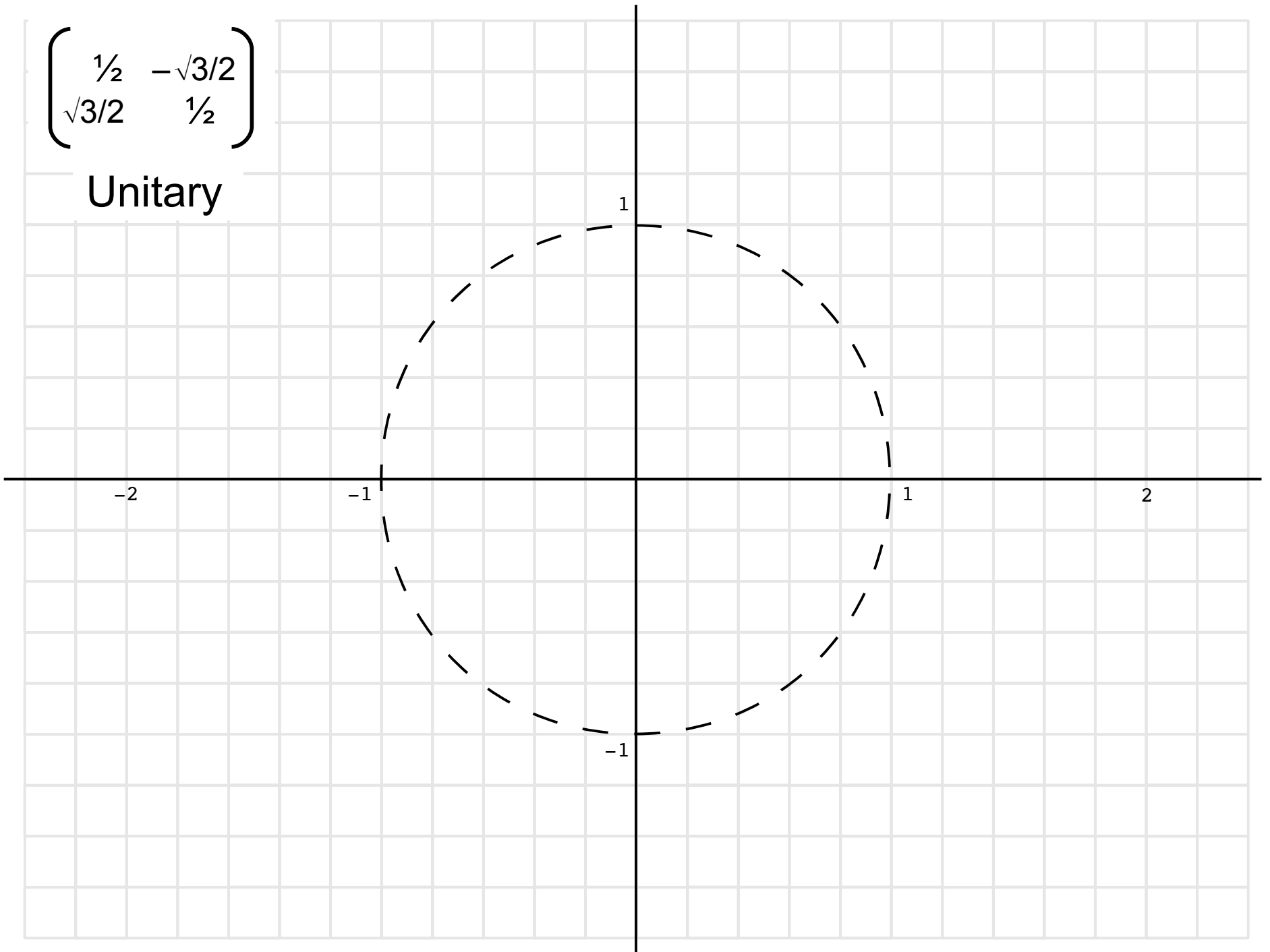


$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix}$$

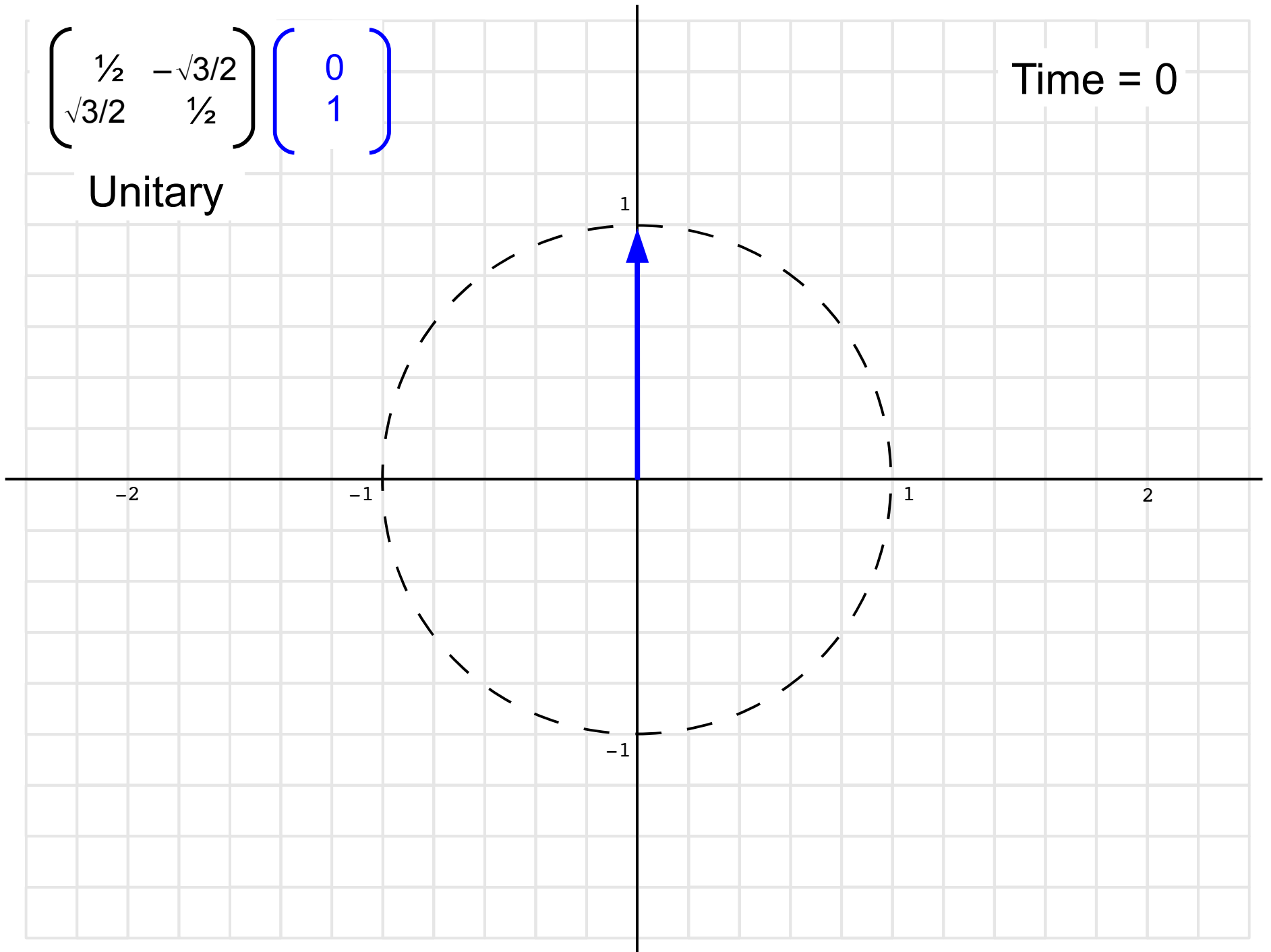
Unitary



$$\begin{pmatrix} 1/2 & -\sqrt{3}/2 \\ \sqrt{3}/2 & 1/2 \end{pmatrix} \begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

Unitary

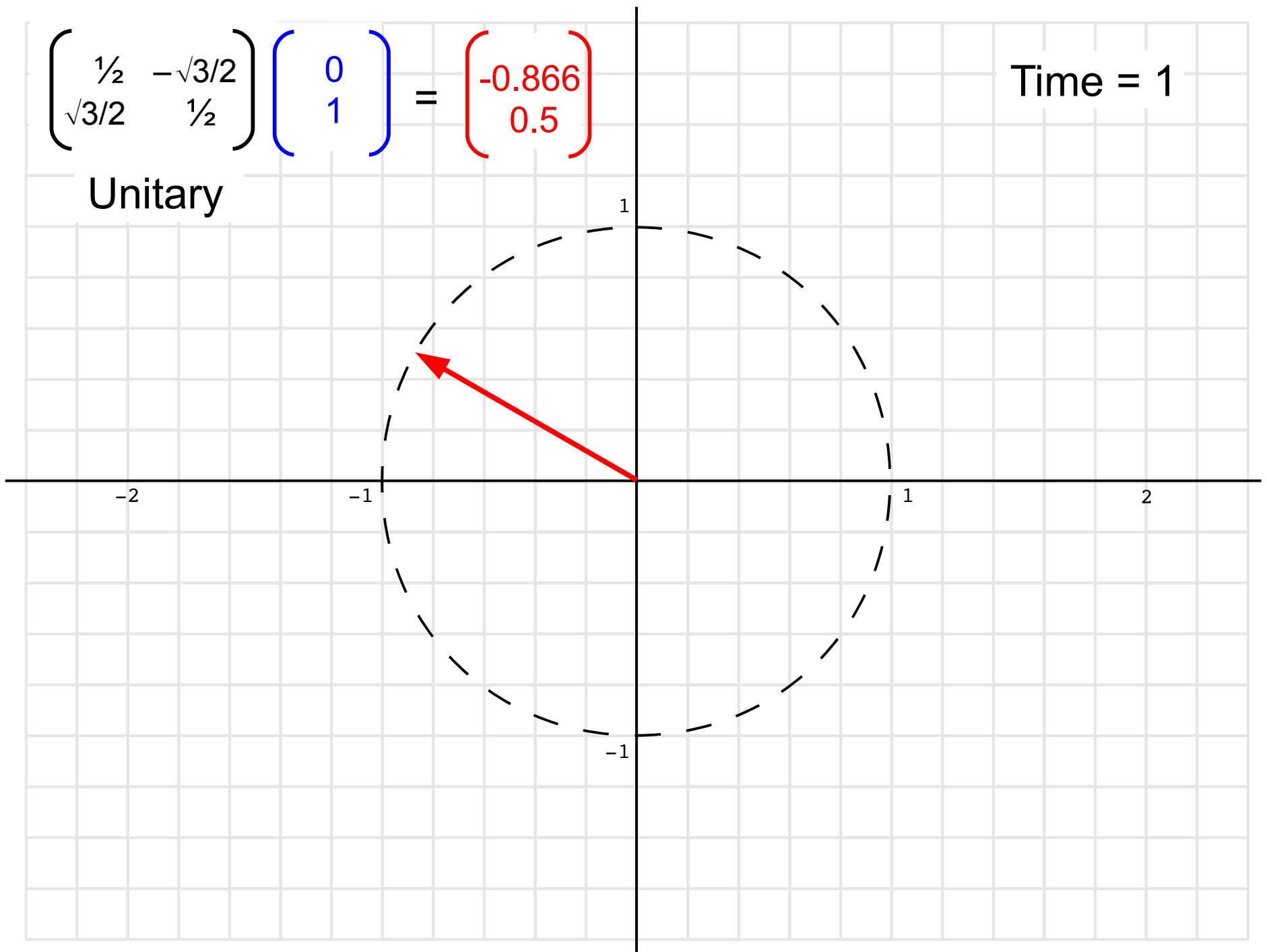
Time = 0



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} 0 \\ 1 \end{pmatrix} = \begin{pmatrix} -0.866 \\ 0.5 \end{pmatrix}$$

Unitary

Time = 1

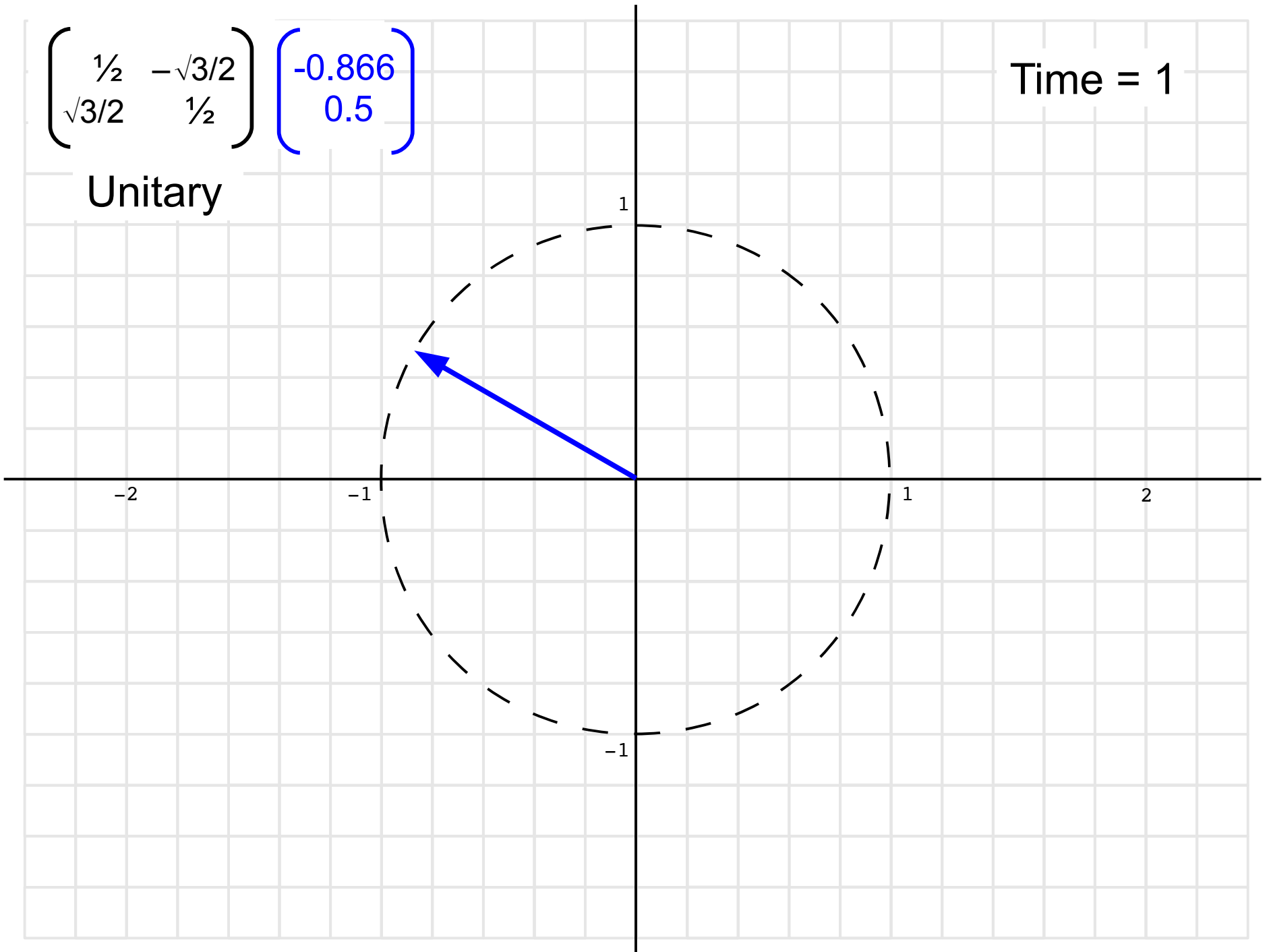


$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix}$$

Unitary

$$\begin{pmatrix} -0.866 \\ 0.5 \end{pmatrix}$$

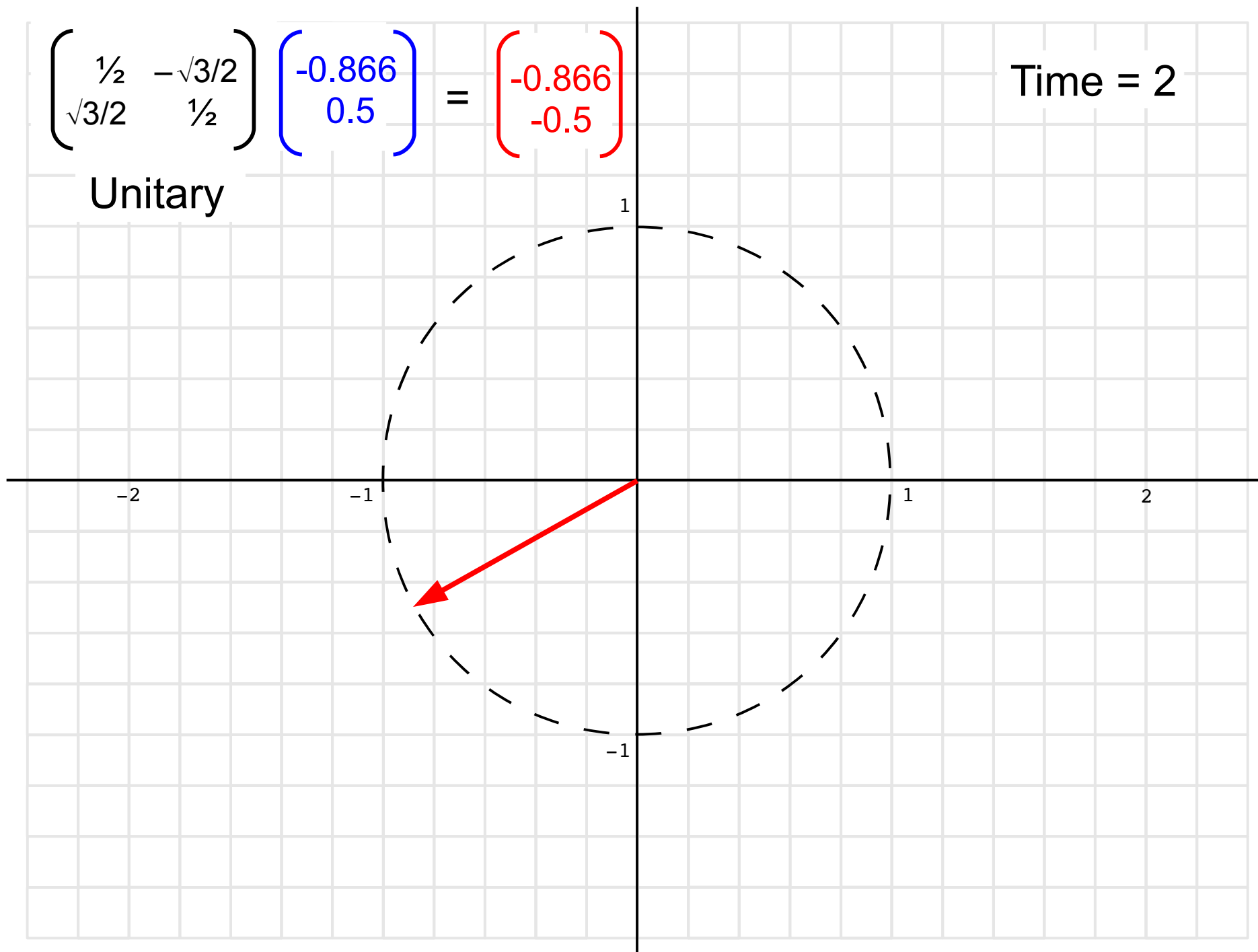
Time = 1



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} -0.866 \\ 0.5 \end{pmatrix} = \begin{pmatrix} -0.866 \\ -0.5 \end{pmatrix}$$

Unitary

Time = 2

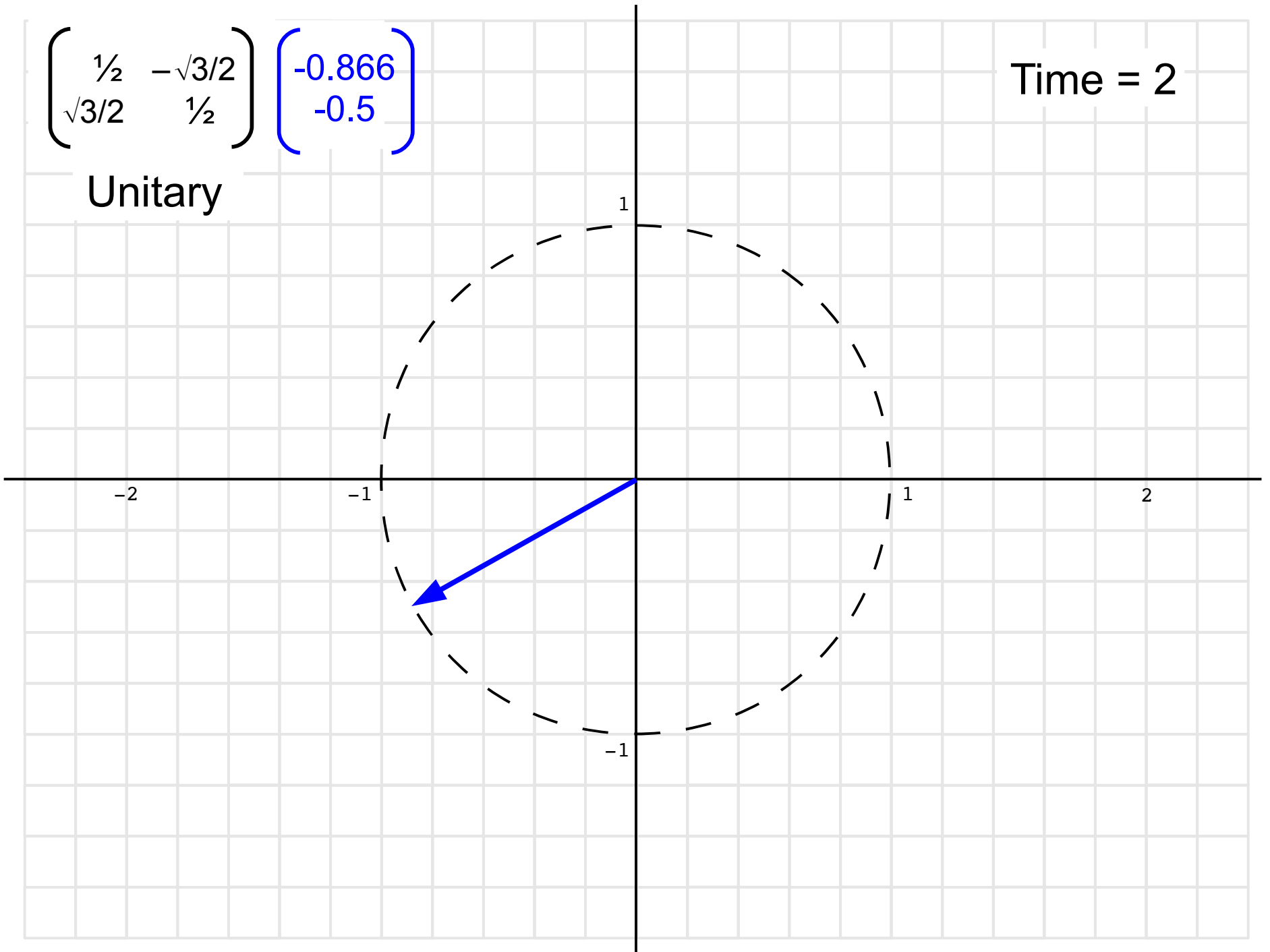


$$\begin{pmatrix} 1/2 & -\sqrt{3}/2 \\ \sqrt{3}/2 & 1/2 \end{pmatrix}$$

Unitary

$$\begin{pmatrix} -0.866 \\ -0.5 \end{pmatrix}$$

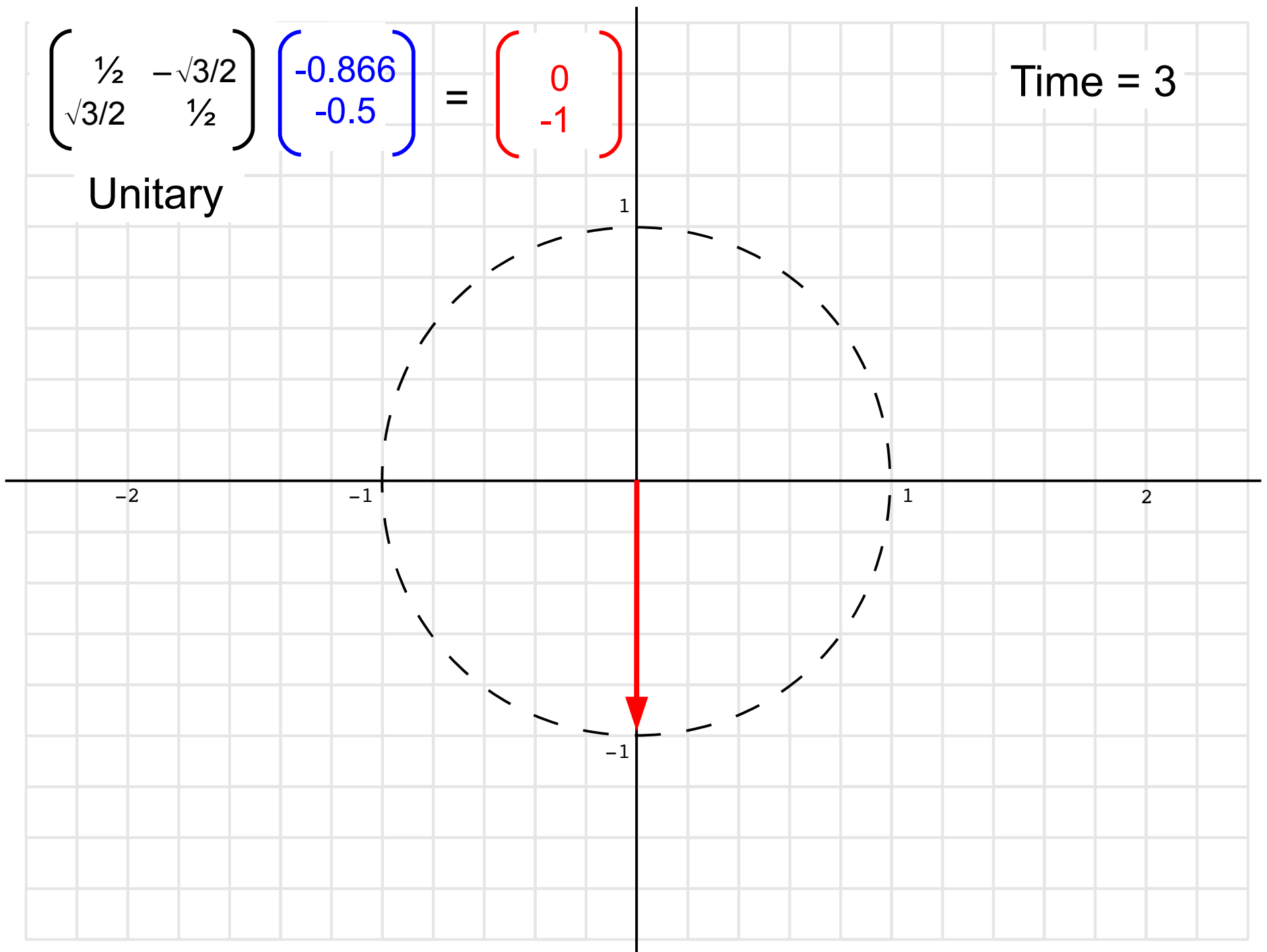
Time = 2



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} -0.866 \\ -0.5 \end{pmatrix} = \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

Unitary

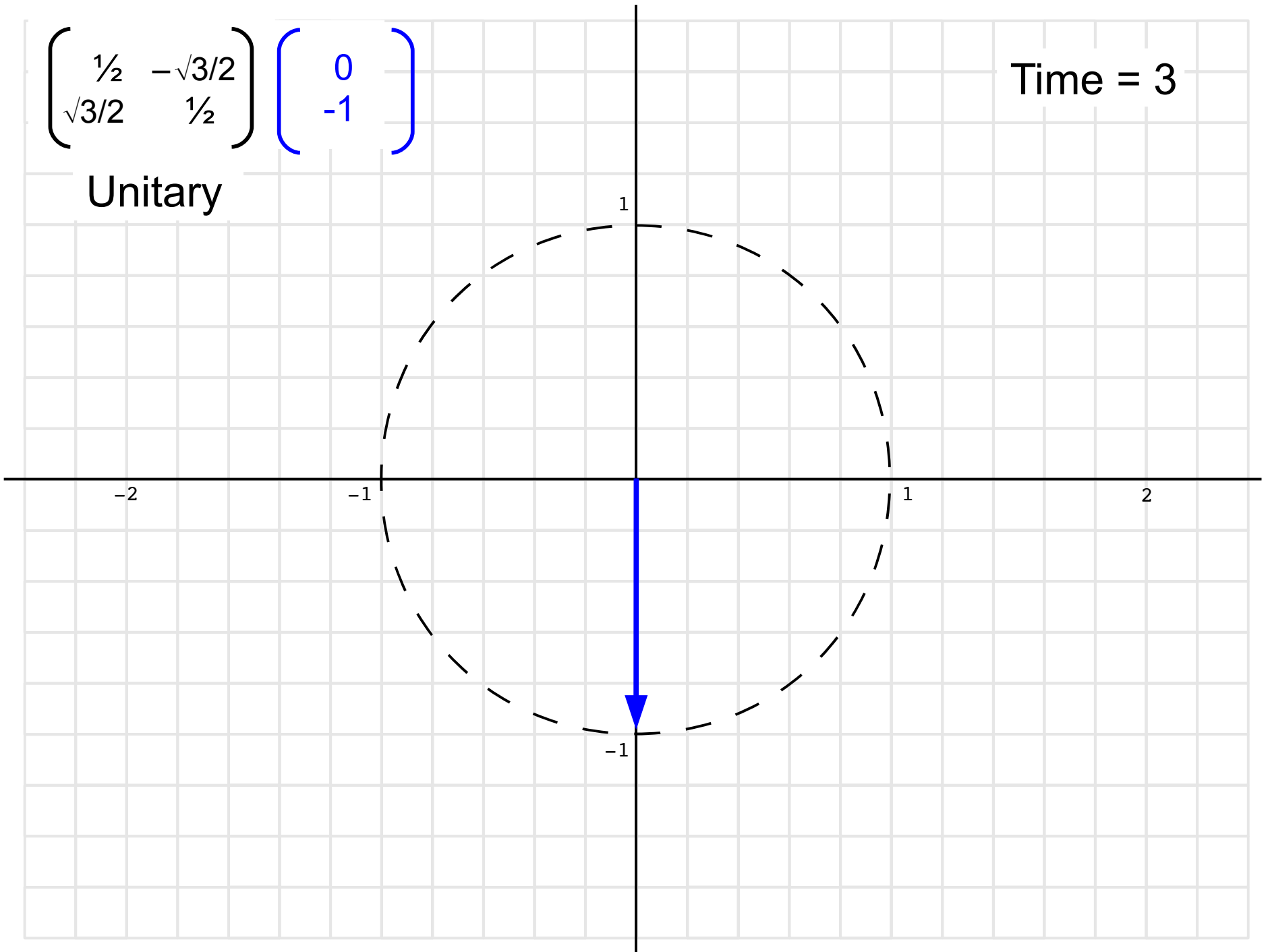
Time = 3



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

Unitary

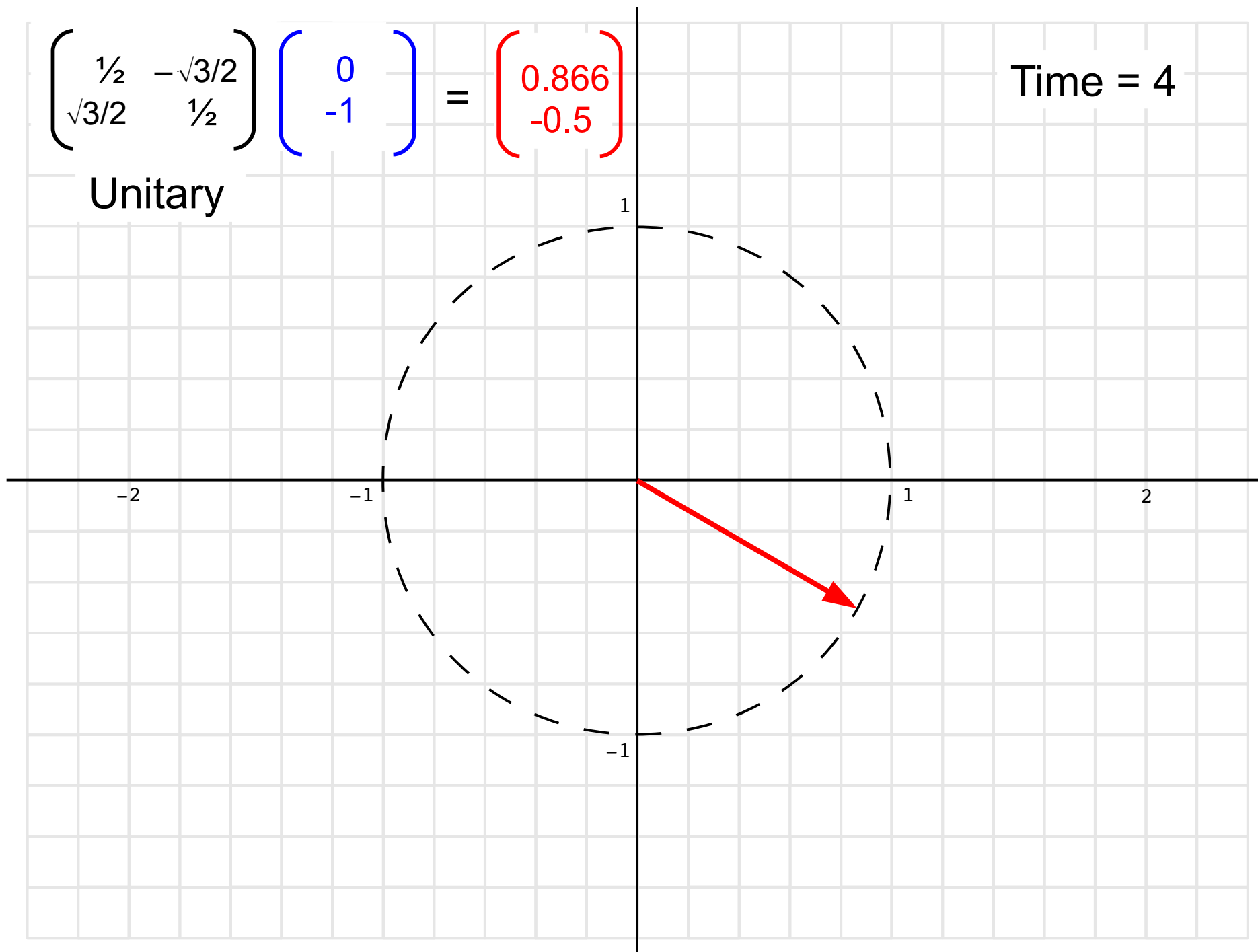
Time = 3



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} 0 \\ -1 \end{pmatrix} = \begin{pmatrix} 0.866 \\ -0.5 \end{pmatrix}$$

Unitary

Time = 4

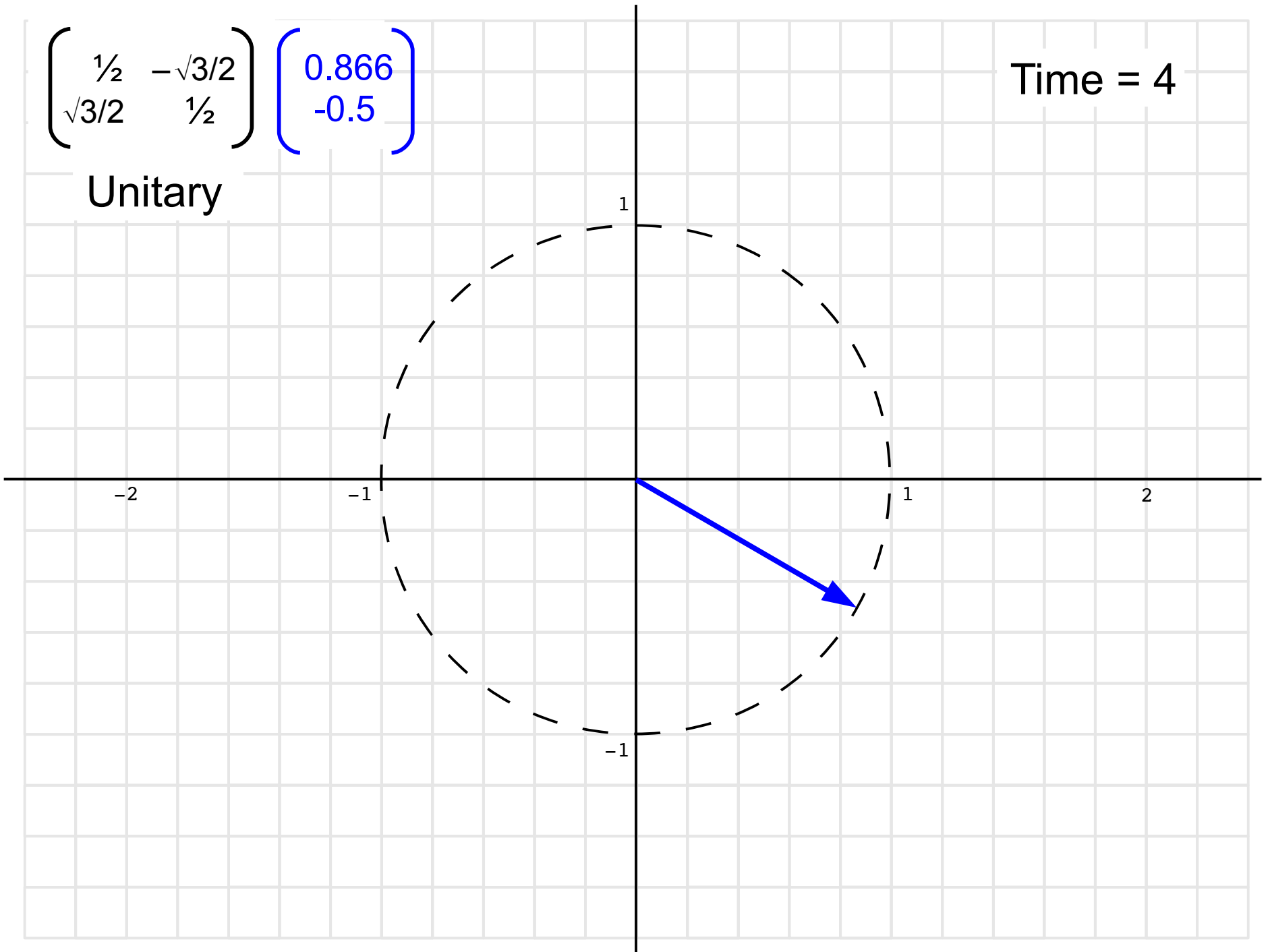


$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix}$$

Unitary

$$\begin{pmatrix} 0.866 \\ -0.5 \end{pmatrix}$$

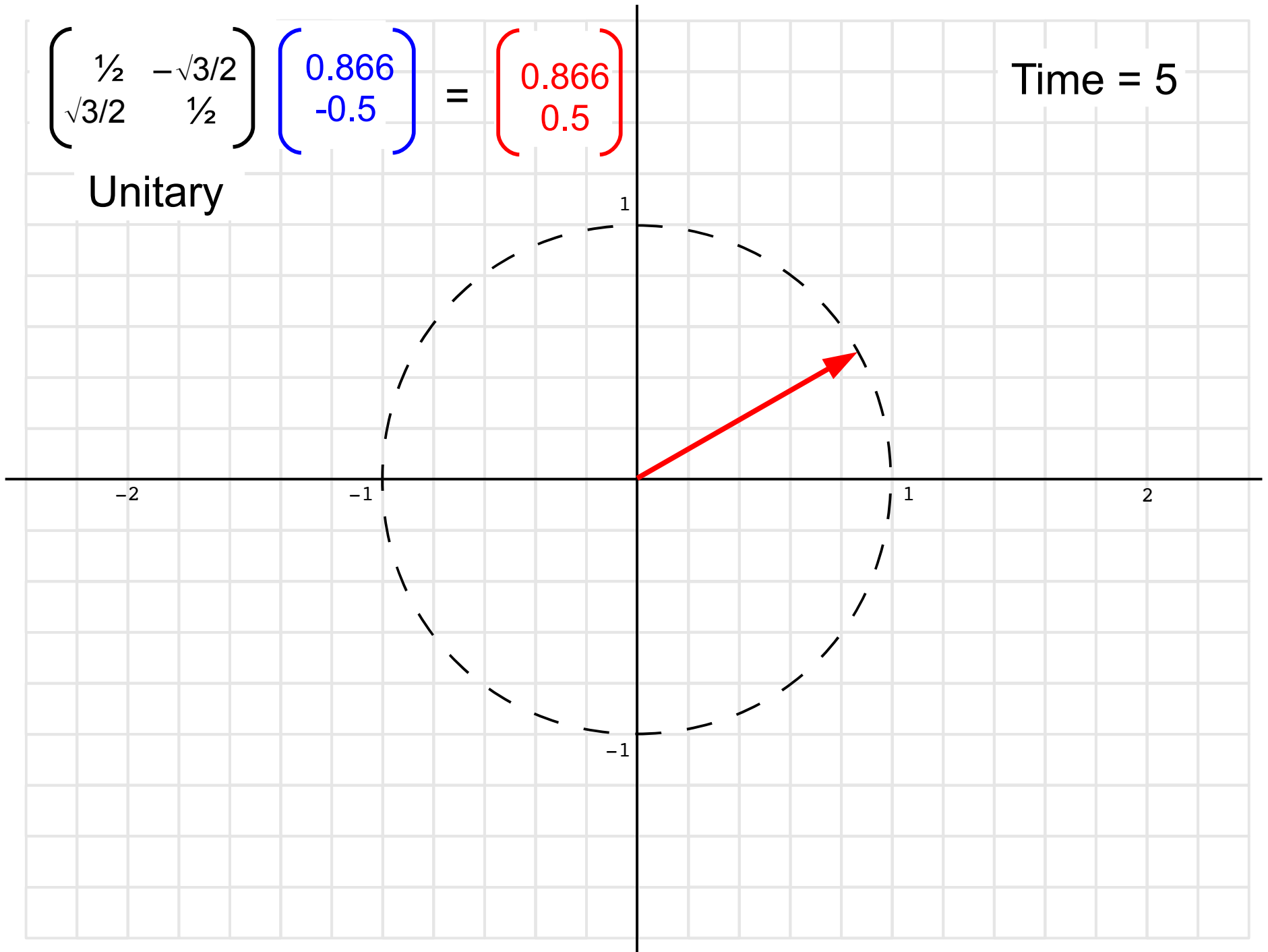
Time = 4



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} 0.866 \\ -0.5 \end{pmatrix} = \begin{pmatrix} 0.866 \\ 0.5 \end{pmatrix}$$

Unitary

Time = 5

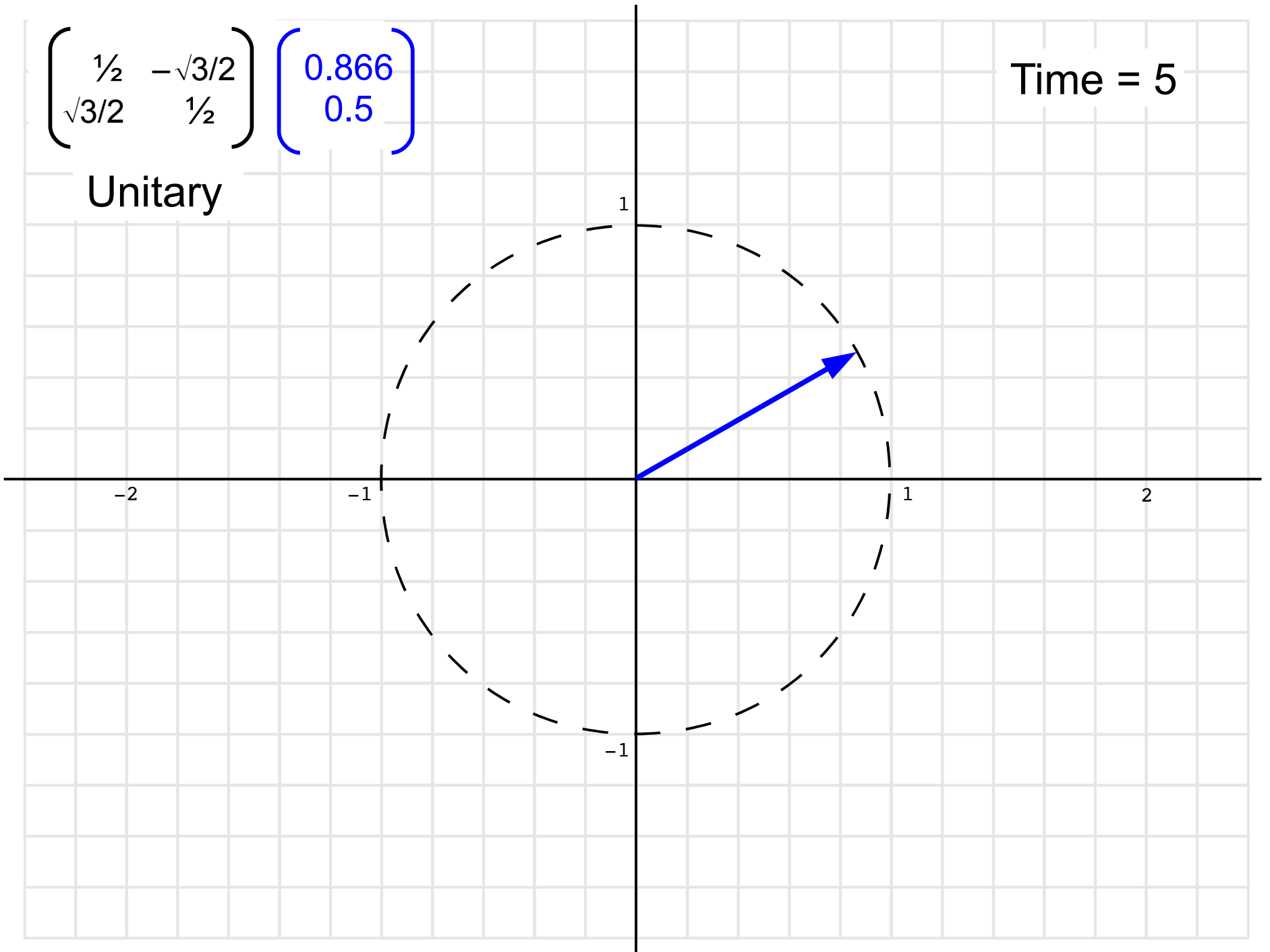


$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix}$$

$$\begin{pmatrix} 0.866 \\ 0.5 \end{pmatrix}$$

Unitary

Time = 5



$$\begin{pmatrix} \frac{1}{2} & -\frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{pmatrix} \begin{pmatrix} 0.866 \\ 0.5 \end{pmatrix} = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

Unitary

Time = 6

