$$\mathbf{n}_{\phi} = \begin{cases} +\frac{\sqrt{2}}{2} \\ -\frac{\sqrt{2}}{2} \end{cases}$$

$$\mathbf{n}_{\phi} = \begin{cases} -\frac{\sqrt{2}}{2} \\ -\frac{\sqrt{2}}{2} \end{cases}$$

$$\mathbf{n}_{\phi} = \begin{cases} -\frac{\sqrt{2}}{2} \\ +\frac{\sqrt{2}}{2} \end{cases}$$

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