$$\frac{1}{||0||} = \sqrt{2}$$

$$\sqrt{\left(0\times\lambda\right)^{2}+\left(2\lambda\right)^{2}+\left(2\lambda\right)^{2}}=\frac{1}{\sqrt{2}}$$

$$\sqrt{8A^2} = \frac{1}{\sqrt{2}}$$

$$16\lambda^2 = 1$$

$$\lambda^2 = \frac{1}{16}$$

$$\sqrt{\frac{\lambda = \pm \frac{1}{4}}{4}}$$
 — 3

$$0 = \pm \frac{1}{4}(0, 2, 2)$$

$$\left| \begin{array}{c} 0 = \left(0, \frac{1}{2}, \frac{1}{2}\right) \\ \hline Ans. \end{array} \right| \begin{array}{c} 0 \cdot \left(0, -\frac{1}{2}, -\frac{1}{2}\right) \\ \hline \rightarrow \text{This is not } \beta \text{ on ible}. \end{array}$$

Please riger 5.4