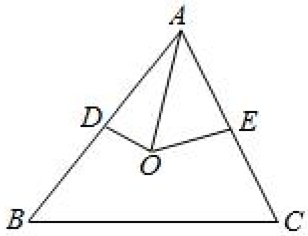
[redacted] [redacted]



$\perp$ [redacted]

— [redacted]

—— [redacted] Δ [redacted]

| [redacted] | [redacted] | [redacted] | [redacted]

$\cdot \quad + \quad \cdot \quad = \quad + \quad = \quad + \quad =$ [redacted]

[redacted] [redacted] $= \frac{\sqrt{\ }}{\ }$

$\frac{\sqrt{\ }}{\ } \quad \sqrt{\ } \quad -- \; + \; -- \; = - \quad \circ \quad \circ$

$-$

[redacted] $+ \quad + \sqrt{\ } \quad =$

$= \frac{+ \quad -}{\ } = -\frac{\sqrt{\ }}{\ } \quad < \quad < \pi \quad = \frac{\pi}{\ }$

$= \frac{\pi}{\ } \quad = \quad + \quad - \quad = \quad + \left(\sqrt{\ } \right) - \times \times \sqrt{\ } \times \left(- \frac{\sqrt{\ }}{\ } \right) =$

$= \sqrt{\ }$

$\frac{\ }{\ } = \frac{\ }{\ } \quad \frac{\sqrt{\ }}{\sqrt{\ }} = \frac{\sqrt{\ }}{\ } \quad = \frac{\sqrt{\ }}{\ } \quad = \frac{\sqrt{\ }}{\ }$

$\Delta \quad = \frac{\ }{\ } \quad = \frac{\ }{\ } = \frac{\ }{\sqrt{\ }} = \frac{\sqrt{\ }}{\ }$

$= \quad = \frac{\sqrt{\ }}{\ }$

$\vec{\ } = \Big(- - -$ ([redacted] $\vec{\ } = \Big(- \quad \Big)$ $\vec{\ } \perp \vec{\ }$ $\vec{\ }\ \vec{\ } =$

$\vec{\ }\ \vec{\ } = -\Big[- - -$ ([redacted] $-$ ([redacted]

$-$ [redacted]

$-$ [redacted] [redacted]

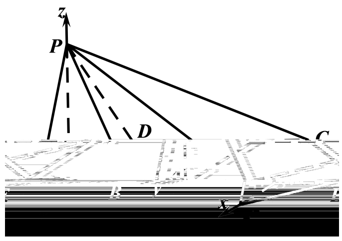
$\Delta \quad = -$ $\frac{\Delta}{-\ \ -} = \frac{-}{-\ \ -} = - \frac{\ }{\ } = - -$

Δ [redacted] $= -$ ([redacted]

$\frac{\Delta}{-\ \ -} = -$ ([redacted]

[redacted]

$\frac{\Delta}{-\ \ -} \geq -$ [redacted] $\left(\frac{\Delta}{-\ \ -} \right) = -$



$\because$ [redacted] [redacted] [redacted]

$\therefore$ [redacted] [redacted] [redacted]

[redacted] [redacted] [redacted] [redacted]

[redacted] [redacted] [redacted] $= -$ [redacted]

Δ [redacted] [redacted] [redacted]

[redacted] [redacted] $=$ [redacted] $=$

$-$ [redacted] [redacted]

$(\quad) \quad (\quad) \quad \left(- \quad \right) \quad (- \quad)$

$\overrightarrow{\quad} = (- \quad - \ ) \quad \overrightarrow{\quad} = \left(- - \quad \right)$

θ

$$\theta = \left| \quad \left\langle \overrightarrow{\quad} \ \overrightarrow{\quad} \right\rangle \right| = \left| \frac{\overrightarrow{\quad} \cdot \overrightarrow{\quad}}{\left|\overrightarrow{\quad}\right| \left|\overrightarrow{\quad}\right|} \right| = \left| \frac{- \ \times - + \ \times - \ + - \ \times}{\sqrt{\ } \times -} \right| = \frac{\sqrt{\ }}{\ }$$

$\frac{\sqrt{\ }}{\ }$

$\overrightarrow{\quad} = (\quad - \ ) \quad \overrightarrow{\quad} = \left(- \quad - \right)$

$= (\quad) \quad \begin{cases} \cdot \overrightarrow{\quad} = \\ \cdot \overrightarrow{\quad} = \end{cases} \quad \begin{cases} - \quad = \\ - \ - \quad = \end{cases}$

$=$ $\vec{\ } = (\quad)$

[redacted] $\vec{\ } = (\quad)$

[redacted] φ φ

$$\varphi = \left| \quad < \vec{\ } \ \vec{\ } > \right| = \left| \frac{\vec{\ } \cdot \vec{\ }}{\left|\vec{\ }\right| \left|\vec{\ }\right|} \right| = \left| \frac{\times + \times + \times}{\sqrt{\ } \times} \right| = \frac{\ }{\sqrt{\ }} \qquad \varphi = \frac{\sqrt{\ }}{\ }$$

[redacted] $\frac{\sqrt{\ }}{\ }$

$\because$ $\therefore$

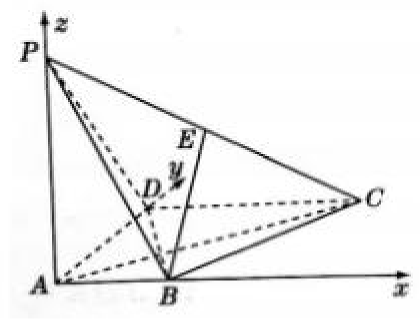
$\because \quad \subset$ [redacted] $\not\subset$ [redacted] $\therefore$ [redacted]

[redacted] [redacted] [redacted] [redacted] $\not\subset$ [redacted]

[redacted] $\cap \quad = \quad \therefore$ [redacted]

[redacted]

$\overrightarrow{\quad} = (\quad) \quad \overrightarrow{\quad} = (- \ - \quad)$ [redacted] [redacted]



$\overrightarrow{\quad} = \lambda \overrightarrow{\quad} \quad \le \lambda \le$

$\overrightarrow{\quad} = \overrightarrow{\quad} + \overrightarrow{\quad} = \overrightarrow{\quad} + \lambda \overrightarrow{\quad} = (- \ \lambda \ - \ \lambda \ \lambda)$

$\perp$ [redacted] [redacted] $(\ -\ \lambda)+\ (\ -\ \lambda)=$ $\lambda=-$

$=\left(-\ -\ -\right)$ $=(\ \ )$ [redacted]

$\begin{cases} - & [redacted] \\ - & \end{cases}$ $\begin{cases} = \\ -\ +\ +\ = \end{cases}$ $=$

[redacted] $=(\ -\ )$

[redacted] $=(\ \ )$

$\langle\ \rangle=\frac{\ }{|\ ||\ |}=\frac{\ }{\sqrt{\ }}=\frac{\sqrt{\ }}{\ }$ $-$ [redacted] $\frac{\sqrt{\ }}{\ }$

$=\ \cdot$

$=\ \cdot$ $=\ +\ \cdot$

$=$ $=-\sum_{=}$ $=$ $\sum_{=}$ $=$ $=\sum_{=}$ $=$

$\beta=\ =\frac{\sum_{=}\ -\ \cdot\ }{\sum_{=}\ -\ }=$ $\alpha=\ =\ -\beta\ =$ $=\ +\ \cdot$

$=\ ^{+\ \cdot}=\ \times$ $=$ $=\ ^{+\ \cdot}=\ \times\ =$

$\vec{\ }=(\ \omega\ -\ )$ $\vec{\ }=\left(\ \omega\ +\ \omega\ -\right)$

$=\vec{\ }\cdot\vec{\ }=\ \omega\ \ \omega\ +\ \omega\ --=\ \omega\ +\ \alpha\ \cdot\ \omega\ --$

$=\frac{-\ \ \omega}{\ }+-\ \ \omega\ --=-\ \ \omega\ -\ \ \omega\ =\frac{\sqrt{\ }}{\ }\left(\omega-\frac{\pi}{\ }\right)$

$(\ )$ $\frac{\pi}{\ }$ $(\ )$ $=\pi$

$\frac{\pi}{\omega}=\pi \quad \omega= \quad =\frac{\sqrt{\ }}{\ } \left(\quad -\frac{\pi}{\ }\right)$

$=\frac{\sqrt{\ }}{\ } \left(\quad -\frac{\pi}{\ }\right) \quad \in\left[\quad \frac{\pi}{\ }\right] \quad -\frac{\pi}{\ }\leq \quad -\frac{\pi}{\ }\leq\frac{\pi}{\ }$

$(\ )= \quad \in\left[\quad \frac{\pi}{\ }\right] \quad -\leq \quad <\frac{\sqrt{\ }}{\ }$

$-\frac{\pi}{\ }=\frac{\pi}{\ }+ \quad \pi \quad \in \quad =\frac{\pi}{\ }+ \quad \pi \quad \in \quad \left[\quad \frac{\pi}{\ }\right] \quad =\frac{\pi}{\ }$

$(\ )= \quad > \quad + \quad =\frac{\pi}{\ }$

$=- \quad - \quad = \quad +- \quad -$

$- \quad = \quad = \ - \quad = \ - \quad +- \ =-\left(\ --\right) +—+$

$= \quad - \quad =\sqrt{\ } \left(\ -\frac{\pi}{\ }\right) \quad -\frac{\pi}{\ }\leq \quad -\frac{\pi}{\ }\leq\frac{\pi}{\ }$

$-\sqrt{\ }\leq \ \leq$

$-<-\sqrt{\ } \quad <-\ \sqrt{\ } \quad =- \ +- \ + \quad -\sqrt{\ }$

$=-\sqrt{\ } \quad =-\ \sqrt{\ } \ -\frac{\sqrt{\ }}{\ } \ + \ =-\frac{\sqrt{\ }}{\ } \ -$

$-\frac{\sqrt{\ }}{\ } \ - \ = \quad =-\ \sqrt{\ }>-\ \sqrt{\ }$

$-\sqrt{\ }\leq-\leq \quad -\ \sqrt{\ }\leq \ \leq \quad =- \quad =—+$

$—+ \ = \quad =\pm$

$-> \quad > \quad =- \ +- \ + \quad -\sqrt{\ }$

$= \quad =- \quad -= \quad =$

$= -$ $=$