

$\frac{1}{\sqrt{2}}$ $r \cos \alpha = \omega r \Rightarrow \alpha = \frac{\pi}{4}$ ✓ $r(A \cap B) = r \times \omega \times a = \frac{r_0}{2} F$ ✓ (2) - 1

$\frac{r \cos A}{r} \sin A \left. \begin{matrix} \} \\ \} \end{matrix} \right\} \Rightarrow \frac{1}{2} \sin A = 1/\sqrt{2} \Rightarrow A = \frac{\pi}{4} \Rightarrow \tan A = \frac{1}{1} = 1$ ✓ (2) - 1

$\frac{\sin \theta}{|\cos \theta|} = \frac{\sin \theta}{-\cos \theta} \Rightarrow \cos \theta < 0 \left. \begin{matrix} \} \\ \} \end{matrix} \right\} \Rightarrow \theta = \frac{3\pi}{4}$ ✓ (2) - 1

$|\sin \theta| = \frac{1}{2} \Rightarrow \sin \theta < 0$

$\frac{-r \sin \frac{\pi}{4} - r \sin \frac{\pi}{4}}{-\sin \frac{\pi}{4} - \sin \frac{\pi}{4}} = \frac{0}{1}$ ✓ (2) - 1

$\frac{r - \frac{1}{2}}{\frac{1}{2}} = \frac{1 - \frac{1}{2}r}{\frac{1}{2}}$ ✓ (2) - 1

$\cos \alpha = -\frac{\sqrt{2}}{2}$ ✓ (2) - 1

$\sqrt{r} = \frac{-r m}{m r - 1} \Rightarrow \frac{\sqrt{A}}{|a|} = \frac{r}{\sqrt{c}} = \frac{r}{\sqrt{r}}$ ✓ (2) - 1

$\tan(\frac{\pi}{4} - \alpha) = \cot \alpha = -\frac{1}{2}$ ✓ (2) - 1

$r(r+m) < r$ (احتمالاً؟) 0 - 9

$r < 1$ (2) - 1

$-\sqrt{r} \times -\frac{\sqrt{r}}{r} + -\sqrt{r} \times \frac{\sqrt{r}}{r} = 0$ ✓

$-\frac{\pi}{4} < -\alpha < \frac{\pi}{4} \xrightarrow{+\frac{\pi}{4}} 0 < \frac{\pi}{4} - \alpha < \frac{\pi}{2}$ ربع اول 9

$\frac{1-m}{r+m} > 0 \rightarrow \frac{-r-1}{-1+1} = (-2, 1)$