

عرفان حقیقی یازدهم سر

$$m = \frac{r+r}{r-\omega} = \frac{r}{-1} = -r$$

۱- الف

$$y+r = -r(n-\omega) \Rightarrow y = -rn + 1$$

$$y_{n+1} = -ry \Rightarrow -r_{n+1} - \frac{1}{r} = y \quad m = -r = m'$$

$$y-r = -r(n-r) \Rightarrow y = -rn + 1r$$

$$n-1 = -ry \Rightarrow \frac{-n}{r} + \frac{1}{r} = y \quad m = -\frac{1}{r}$$

$$m' = r$$

$$y-r = r(n-r) \Rightarrow y = rn - 1$$

$$m = \tan \frac{\pi}{\sqrt{r}} = \sqrt{r}$$

$$y-r = \sqrt{r}(n-r) \Rightarrow y = \sqrt{r}n - r\sqrt{r} + r$$

$$\sqrt{(x+1)^2 + (y-2)^2} = \sqrt{2} = d \quad \text{الف}$$

$$\frac{|y + 1x - 2|}{\sqrt{1+1}} = \frac{1d}{\sqrt{2}} = 2 \quad \text{ب}$$

$$\begin{cases} x_m + y = 4 \\ x_m + y = 12 \end{cases} \Rightarrow \begin{cases} x_m + y = 12 \\ x_m + y = 1 \end{cases}$$

$$x_m + y = 1$$

$$d = \frac{|1x - 1|}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

$$\frac{|x_m - y - 1|}{\sqrt{1+1}} = \frac{|x_m + y - 3|}{\sqrt{1+1}} \quad \text{ج}$$

$$\Rightarrow |x_m - y - 1| = |x_m + y - 3|$$

$$\begin{cases} x_m - y - 1 = x_m + y - 3 \Rightarrow x - y = -2 \\ x_m - y - 1 = -(x_m + y - 3) \Rightarrow x + y = 4 \end{cases}$$

$$m = -\omega \quad m' = r \quad \tan \alpha = \left| \frac{-\omega - r}{1 + r\omega} \right| \quad (d)$$

$$\tan \alpha = 1 \quad \alpha = r\omega$$

$$\sqrt{(r+r)^2 + (-\omega-\omega)^2} = \sqrt{1} = 1. \quad (الف) \quad (ع)$$

$$\left| \begin{array}{c} \frac{\omega - \omega}{r} = -1 \\ -\frac{r+r}{r} = -1 \end{array} \right| \quad \begin{array}{c} -1 \\ 1 \end{array} \quad (ب)$$

$$\left| \begin{array}{c} \frac{\omega - r - 1}{\omega} = -\omega \\ -\frac{1\omega + \omega + 1}{\omega} = -\omega \end{array} \right| \quad \begin{array}{c} -\omega \\ -\omega \end{array} \quad (د) \quad (ف)$$

$$\left| \begin{array}{ccc} \omega & 1 & 1 \\ -r & \omega & 1 \\ -1 & -1\omega & 1 \end{array} \right| \Rightarrow 9 - 1 + r\omega + 1 + r + 1\omega = \omega$$

$$\boxed{\frac{1}{r} \times \omega = r\omega}$$

$$-y = \frac{r_n + 1}{r_n - r}$$

(2) (1)

(-)

$$y = \frac{-r_n + 1}{-r_n - r}$$

$$n = \frac{ry + 1}{ry - r} \Rightarrow y = \frac{-r_n - 1}{-r_n + r}$$

(2)

$$-n = \frac{-ry + 1}{-ry - r} \Rightarrow y = \frac{-r_n - 1}{r_n - r}$$

(3)

$$\left\{ \begin{array}{l} n' = n - r \\ y' = y + r \end{array} \right. \Rightarrow \left\{ \begin{array}{l} n = n' + r \\ y = y' - r \end{array} \right.$$

(9)

$$y' - r = \frac{r(n' + r) + 1}{n' + r - r} \Rightarrow y' = \frac{rn' + 1}{n' - 1} + r$$

$$y' = \frac{rn' + 1}{n' - 1}$$

$$\left\{ \begin{array}{l} n' = n - r \\ y' = y - r \end{array} \right. \Rightarrow \left\{ \begin{array}{l} n = n' + r \\ y = y' + r \end{array} \right. \quad (1.)$$

$$y' + r = \frac{r(n' + r) + 1}{n' + r - r} \Rightarrow y' = \frac{rn' + r}{n'} - r$$

$$y' = \frac{r}{n'}$$

$$\left\{ \begin{array}{l} rn + ry = r \\ n - 19y = 1 \end{array} \right. \Rightarrow \left\{ \begin{array}{l} rn + ry = r \\ rn - 19y = r \end{array} \right. \quad (1.)$$

$$19y = -1 \Rightarrow y = \frac{-1}{19}$$

$$n = \frac{1r}{19}$$

$$n = - \frac{r + 1}{-19 - r} \Rightarrow - \frac{1r}{-19} \Rightarrow \frac{1r}{19} \quad (1.)$$

$$y = \frac{r - r}{-19} \Rightarrow \frac{1}{-19}$$