

$$b^2 = \omega b - 1$$

$$ab = 1 \text{ و } a + b = \omega \Rightarrow b = \omega - a$$

19

$$\frac{1^2 + (\omega b - 1)(\omega b - 1) \times b}{\omega(\omega b - 1)} = \frac{1^2 + 1^2 \omega b - \omega b - 1 + 1^2 a}{\omega} = \frac{19(\omega - a) - 1}{\omega}$$

$$9a + 3b + c = -1$$

$$\rightarrow \frac{1}{9} \omega a + \frac{1}{3} \omega b = 0$$

$$1^2 \omega a + 1^2 \omega b + c = -1$$

$$-1^2 a = b$$

$$a n^2 - 1^2 a n + c = 0$$

$$\rightarrow n_1 + n_2 = \frac{+1^2 \omega a}{a} = \boxed{1^2 \omega}$$

$$a - b = \frac{1^2}{9} k$$

$$\text{و } ab = \omega \rightarrow \frac{\omega}{9} k^2 = \omega \rightarrow k = \pm 3$$

$$a + b = \frac{-1^2 k}{1}$$

$$\rightarrow \left[\frac{9}{1} \right] = \boxed{1^2}$$

$$1^2 a = \frac{-1^2}{9} k$$

$$a = \frac{-1^2}{9} k \text{ و } b = \frac{\omega}{9} k$$

$$1^2 \omega a + \frac{1}{9} b + c = 9 \rightarrow \begin{vmatrix} -1 & 1 \\ 1 & -a \end{vmatrix} \rightarrow a - 1^2 a + c = +1 \rightarrow c = a + 1$$

$$9a + 3b + c = 9$$

$$\rightarrow 1^2 c = +1 \rightarrow \boxed{c = \frac{1}{1^2}}$$

$$1^2 a - 1^2 b = 0$$

$$a = -1^2 c \leftarrow -\frac{1}{1^2} a = c \leftarrow -\frac{\omega}{a} = \frac{c}{a} = \frac{1}{9} \rightarrow$$

$$a = \frac{1}{9} b$$

$$\rightarrow \frac{-b}{a} = \frac{-1^2 a}{a} = -1 = \alpha + \beta \rightarrow 1^2 \alpha \beta = -1$$

$$\frac{-\omega \pm \sqrt{1^2 \omega + 1^2 m}}{-1^2}$$

$$\rightarrow \frac{1}{9} \rightarrow 1^2 a + 1^2 m \rightarrow 1^2 m \leq \frac{9}{1^2}$$

$$m \geq \frac{-1^2 a}{1^2} \rightarrow -1^2, 1^2 \omega \rightarrow \boxed{-1^2 - \omega - 1^2 - 1^2}$$

$$\frac{m^2 - 2m - 2110}{8m} = 1 \rightarrow m^2 - 2m - 2110 = 0$$

$$\rightarrow (m-50)(m+41) \rightarrow m = \frac{50 \pm \sqrt{50^2 - 4(1)(-2110)}}{2} \rightarrow \frac{b}{2a} = \frac{10}{2} = \boxed{5} \downarrow$$

مقدار ناقص

$$\left. \begin{array}{l} \frac{B}{a} = 9 \\ \frac{a}{B} = 9 \end{array} \right\} \rightarrow \frac{B}{a} = \frac{a}{B} = B \cdot B = a^2$$

$$B = a^2 = 9a - 1 \rightarrow a^2 - 9a + 1 = 0 \rightarrow (a-1) \rightarrow \boxed{a=1}$$

$$+ \sqrt{v} + - \omega = 0 \rightarrow p = - \omega, \underline{S = 0}, \pi_{1,2} = \frac{+ \sqrt{v \pm \sqrt{59}}}{2}$$

$$\rightarrow 2p = \boxed{\omega + \sqrt{59}}$$

$$(p - \frac{\sqrt{59}}{2})(p + \frac{\sqrt{59}}{2}) = p = - \frac{v - \sqrt{59}}{2}$$

$$\frac{r}{k} = n \rightarrow \frac{-1}{k} - r = kn^2 - rn - 5$$

$$\frac{15 + r^2 k}{-rk} = y = \frac{-9k - r}{k} \rightarrow \begin{array}{l} \rightarrow -9k - r = -1 - rk \\ \rightarrow r = rk \rightarrow k = r \\ \rightarrow \frac{-15 - r}{r} = \frac{-15}{r} = \boxed{-1} \end{array}$$

$$\frac{-m}{-2m} = \frac{1}{2} = n$$

$$m = -1 \rightarrow \text{الرمز ناقص}$$

$$m = 0.9$$

$$m^2 + 2m$$

$$\rightarrow \boxed{-1 < m < -\frac{1}{2}}$$