

$$\alpha \times \beta = 2$$

$$\alpha + \beta = \omega \rightarrow \alpha = \omega - \beta$$

$$\beta^2 - \omega\beta + 2 = 0 \rightarrow \beta^2 = \omega\beta - 2$$

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

$$\rightarrow \frac{\omega}{\omega} \frac{\omega - \beta}{\omega\beta - 2} + \frac{1}{\omega} \frac{\beta}{\omega\beta - 2} \rightarrow \frac{\omega - \beta}{\omega(\omega\beta - 2)} + \frac{\beta}{\omega(\omega\beta - 2)}$$

$$\rightarrow \frac{\omega - \beta + \beta}{\omega(\omega\beta - 2)} = \frac{\omega}{\omega(\omega\beta - 2)} = \frac{1}{\omega\beta - 2} = 1$$

$$-c = qa + pb + c$$

$$-c = 2\omega a - 1ab + c \rightarrow 4\omega a - 5ab = 2c \rightarrow b = -1, \omega a$$

$$b = -\frac{b}{a} \rightarrow \frac{+1\omega a}{a} = \boxed{1, \omega}$$

$$\frac{\sqrt{\Delta}}{2a} = \sqrt{4k^2 - 20} = \frac{4}{3}k \rightarrow 4k^2 - 20 = \frac{16}{9}k^2 \rightarrow \frac{20}{9}k^2 = 20$$

$$k^2 = 9$$

$$\left[\frac{k^2}{2} \right] \rightarrow \left[\frac{9}{2} \right] \rightarrow \boxed{4.5}$$

$$\frac{-a \pm \sqrt{a^2 - 4ac}}{2a} \rightarrow \frac{-a \pm \sqrt{a^2 - 4ac}}{2a} \rightarrow \frac{-a \pm \sqrt{a^2 - 4ac}}{2a} \rightarrow \frac{-a \pm \sqrt{a^2 - 4ac}}{2a}$$

$$y_2 a(n+1) + 1 \rightarrow y_2 a(n+1) + 1$$

$$\alpha^2 + \beta^2 = \omega \rightarrow \alpha^2 + \beta^2 = \omega \rightarrow \alpha^2 + \beta^2 = \omega \rightarrow \alpha^2 + \beta^2 = \omega$$

$$y_2 = \frac{2}{3}(n+1)^2 + 1 \rightarrow \frac{2}{3} + 1 = \frac{5}{3}$$

$$\frac{-a \pm \sqrt{a^2 - 4ac}}{2a} \rightarrow \frac{-a \pm \sqrt{a^2 - 4ac}}{2a} \rightarrow \frac{-a \pm \sqrt{a^2 - 4ac}}{2a}$$

$$\omega + \sqrt{4\omega + 4m} < 9 \rightarrow \sqrt{4\omega + 4m} < 9 - \omega \rightarrow 4\omega + 4m < 81 - 18\omega + \omega^2 \rightarrow m < \frac{\omega^2 - 22\omega + 81}{4}$$

$$\Delta > 0 \rightarrow 4\omega + 4m > 0 \rightarrow m > -\frac{\omega}{1} \rightarrow m > -\frac{\omega}{1}$$

$$m > 0 \quad \sigma_1, \begin{cases} \frac{-b}{c_1} \rightarrow \frac{1}{r_m} = \frac{y}{m} \rightarrow r_2 = \frac{cy}{m} - \frac{cy}{m} + \frac{am}{m} - 1 \rightarrow r_2 = \frac{am - cy}{m} \\ \frac{-\sqrt{\Delta}}{c_1} \downarrow \text{result} \end{cases}$$

$$\frac{y}{x} = \sqrt{2}$$

$\frac{w + \sqrt{v_1 q}}{1.0}$

$$\alpha, \beta \in \mathbb{Z} \rightarrow \alpha - 1 \in \mathbb{Z} \rightarrow \alpha - \alpha + 1 = 0 \quad (\alpha - 1)^2 = 0 \quad \boxed{\alpha \in \mathbb{Z}}$$

$$x^{yzt}$$

$$t^2 - vt - az_0 \rightarrow \frac{v \pm \sqrt{4g}}{p} \rightarrow \text{مربع کامل} \rightarrow n^2 = \frac{v + \sqrt{4g}}{r} \rightarrow n = \pm \sqrt{\frac{v + \sqrt{4g}}{r}}$$

$$P^T \rightarrow P_X \left(\frac{v + \sqrt{y_9}}{e} \right)^T \left[2\omega + \sqrt{y_9} \right] P_2 - \frac{v + \sqrt{y_9}}{e}$$

$$d_b = \frac{-b}{c_a} \rightarrow \frac{\frac{c}{r}}{\frac{r}{k}} = \frac{r}{k} \xrightarrow{\text{Gedächtnis}} \frac{-1}{k} \cdot c = \frac{r}{k} \cdot \frac{-1}{k} = -\frac{r}{k} \rightarrow r = \frac{r}{k} \rightarrow \boxed{k=2}$$

$$y = y_n - \varepsilon_n y \rightarrow y(1) - \varepsilon(1) - y = -\lambda \quad \textcircled{y}$$

$$-m n^2 + m n + 1 \neq -m - n$$

$$mx^2 - (1+m)x - 1-m \neq 0$$

$$\Delta < 0 \quad (1+m)_+^r (-1)(m)(-1-m)$$

$$1m^2 + 2m + 5m + 5m^2$$

$$2m^2 + 4m + 1 < 0$$

$$-1 < m < 0, \frac{1}{2}$$

$$m = \frac{-4 \pm \sqrt{14}}{10} \rightarrow \begin{cases} 0,17 \\ -1 \end{cases}$$