

① $-\frac{b}{a} = \omega \quad \rho = \alpha \beta \epsilon r$

$\alpha \beta = r \quad \beta = \frac{r}{\alpha} \quad \beta = \frac{r}{\alpha}$

$\frac{r \alpha + \beta}{\alpha \beta} \rightarrow \frac{r}{\omega} \times \frac{r}{\beta r} + \frac{\beta}{\omega} = \frac{r}{\omega} \times \frac{\alpha}{\epsilon} + \frac{\beta}{\omega}$

$\frac{\alpha + \beta}{\omega} \rightarrow \frac{r - \mu \rho}{\omega} = \frac{r(\omega)(r)}{\omega} = \frac{r \omega}{\omega} = \boxed{19}$

② $v + (-1, \omega) = \boxed{1, \omega}$

③ $-\frac{\Delta}{r_a} = \frac{r}{\mu} k \quad \frac{-r k + r_0}{r} = \frac{r}{\mu} k$
 $-1 \mu k r + 4 = 14k \quad -r k - r k + 10 = 0 \quad 14 + 10 = 19$

$\frac{r + 1k}{4} \rightarrow k = \frac{r}{\mu} \times \left(\frac{k}{r} \right) = \frac{a}{r} = \frac{r}{10}$

④ $\alpha \beta = \frac{-\omega + r}{r} = -1 = -\frac{b}{ra} \rightarrow -\frac{b}{a} = -r = -8 \quad (y-1) = a(n(-1))^r$

$y = am^r + ram + am + 1 \quad \alpha^r + \beta^r = \omega \rightarrow \beta^r - r \rho = \omega \rightarrow r - r \left(\frac{a+1}{a} \right) = \omega$

$r - \frac{ra+r}{a} = \omega \rightarrow \frac{-ra-r}{a} = 1 \quad a = -\frac{r}{r} \quad a+1 = -\frac{r}{r} + 1 = \boxed{1/\mu}$

⑤ $-m^r + \omega m + m = 0$

$\Delta = 8^2 - 4m > 0 \quad m > -4 \quad -4 < m < -r$
 $\frac{-b}{ra} = \frac{-\omega}{-r} = r/10 \rightarrow r, 8 \leq r$
 $\{-4, -0, 1, -\mu\} \rightarrow \boxed{r}$

$-(f, \omega)^r + \omega(f, \omega) + m \rightarrow r, 10 + m < 0 \rightarrow m < -r, 10 \quad m < -r, 10 \quad m < -r$

⑥

$m > 0 \quad \frac{-b}{ra} = \frac{-1r}{rm} = \frac{4}{m}$

$y = \frac{r}{m} m^r - 1r \left(\frac{1}{m} \right) + \omega m - 1$

$y = \frac{r}{m} - \frac{r}{m} + \omega m - 1 = \frac{-r}{m} + \omega m - 1 = r \quad \frac{-r}{m} + \omega m - \mu = 0 \quad \omega m^r - \mu m - \mu$

⑦ $\alpha^r + (r\alpha + r)\alpha + r\alpha - 1 = 0$

$-\frac{r\alpha - r - r\sqrt{a^r + r}}{r} = a \rightarrow a = 1 \quad m^r + r_m + 1 > 0$

$-(a+1 + \sqrt{a^r + r})r = a \quad a^r = (a+1)^r - (a^r + r)$
 $ar = -(a + \sqrt{a^r + r}) \quad a^r = a^r + ra + 1 - a^r - r$
 $a^r - ra + 1 = 0 \rightarrow a = 1$

⑧ $m^r = t \quad t^r - vt - \omega = 0 \quad t > 0$

$t = \frac{v \pm \sqrt{v^2 + 4\omega}}{2} = \frac{v + \sqrt{49}}{2} \quad \frac{v + \sqrt{49}}{2} > 0$

$\rho^r - r\rho + r \rightarrow r\rho^r = r \times \frac{49 + 49}{2 + 1\sqrt{49}} = \frac{219 + 1\sqrt{49}}{2}$

9 ?

$$(10) -n - n_2 - n n_{n+1}$$

$$-n n' + (n+1)n + n+1 = - \quad n \neq 0 \quad \Delta < 0$$

$$n'+1 + n + n' + n_2 \Delta n' + 4n+1 \rightarrow -1 \rightarrow \frac{1}{n+1}$$

$\searrow -1/a$