

$$\alpha = \frac{r}{\mu} \text{ و } \beta = \frac{q}{\mu} \quad \alpha = \frac{r}{\mu} \Rightarrow \mu = \frac{r}{\alpha} = 4\alpha = 2$$

$$\mu\beta = \frac{r}{\mu} = \frac{q}{\mu} \Rightarrow \beta = \frac{q}{r}$$

$$r + \frac{r}{\mu} = \frac{q}{\mu} \Rightarrow \frac{r}{\mu} = \frac{q}{\mu} \Rightarrow \alpha = 1$$

$$\beta = -\frac{r}{\mu} \Rightarrow \alpha = -1 \quad -r - \frac{r}{\mu} = \frac{q}{\mu} \quad \alpha = -1$$

$$1 - (-1) = 2 \quad 19$$

$$\sqrt{\frac{1}{a}} + \sqrt{\frac{1}{b}} = \omega \Rightarrow \frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = \frac{\sqrt{b} + \sqrt{a}}{\sqrt{ab}} = \omega$$

$$\frac{\sqrt{a} + \sqrt{b}}{\frac{1}{\omega}} = \omega \Rightarrow \sqrt{a} + \sqrt{b} = \frac{\omega}{\omega} = 1 \quad \alpha\beta = \frac{1}{\mu^2} \quad \alpha + \beta = \frac{m+k}{\mu^2}$$

$$\alpha + \beta + \sqrt{\frac{1}{\mu^2}} = \frac{\omega}{\mu^2} \Rightarrow \frac{m+k}{\mu^2} = \frac{\omega - 1}{\mu^2} = \frac{1}{\mu^2} \Rightarrow m+k = 1$$

$$mn^r + \mu n + r = 0$$

$$-n^r + \mu n + r = 0$$

$$p = \frac{c}{a} = -\frac{r}{\mu}$$

$$(\alpha + \beta)^r = 1 \Rightarrow \alpha^r + \beta^r + r\alpha\beta = 1 \Rightarrow \alpha^r + \beta^r = \omega \quad \alpha = 2$$

$$\alpha^r + \beta = 1 \Rightarrow \beta = 1$$

$$r(-1)^r + k + q - r = 0 \Rightarrow k = -r$$

$$r + 1 + k - 1 - r = 0 \Rightarrow k = -r$$

$$r\alpha^r + \mu\beta^r = r, \omega\alpha^r + r, \omega\beta^r = 0, \omega\alpha^r = 0, \omega\beta^r$$

$$\frac{\omega}{r}(\alpha^r + \beta^r) + \frac{1}{r}(\alpha^r - \beta^r) \quad \alpha^r + \beta^r = 3q - 2\alpha$$

$$\alpha^r - \beta^r = (\alpha + \beta)(\alpha - \beta) = -q \left(\frac{-\sqrt{r^2 - 4q}}{r^2 - 4q} \right)$$

$$\frac{\omega}{r}(\alpha^r + \beta^r) + \frac{1}{r}(\alpha^r - \beta^r) \rightarrow q = \omega q + r\sqrt{r^2 - 4q} = 12\sqrt{r + 1}\omega$$

$$q = \omega q + 1\omega \Rightarrow \alpha = 1 \quad r\sqrt{r^2 - 4q} = 12\sqrt{r} \Rightarrow q = 1$$

$$n^r = 6 \Rightarrow t^r - \sqrt{t} - \omega = 0$$

$$t = \frac{\sqrt{t} + \sqrt{4q}}{r} \Rightarrow n = \pm \sqrt{\frac{r + \sqrt{4q}}{r}}$$

$$S = 0, p = \frac{-r - \sqrt{4q}}{r} \quad r_p^r - \mu p^r + r^r = 0 \Rightarrow r_p^r = r^r \quad \frac{r + \sqrt{4q} + 12\sqrt{4q}}{r} = \omega q + \sqrt{4q}$$

$$\alpha + \beta = -\frac{1}{\gamma} \Rightarrow \alpha\beta = -\frac{\gamma}{a}$$

$$\alpha + \frac{1}{\gamma} + \beta + \frac{1}{\gamma} = \frac{\alpha}{\gamma} \Rightarrow \alpha + \beta + 1 = \frac{\alpha}{\gamma}$$

$$\alpha\beta = -\frac{1}{\gamma}$$

$$\alpha + \beta = \frac{a+\gamma}{\gamma} \rightarrow a=1 \quad \left(\frac{1}{\gamma} + \alpha\right)\left(\frac{1}{\gamma} + \beta\right) = \frac{1}{\gamma} + (\alpha\beta)\frac{1}{\gamma} + \alpha\beta = \frac{b}{\gamma}$$

$$\frac{1}{\gamma} - \frac{1}{\gamma} - \frac{1\gamma}{\gamma} = \frac{b}{\gamma} \rightarrow b = -\gamma$$

$$\left[\frac{ab}{\gamma}\right] = \left[\frac{1(-\gamma)}{\gamma}\right] = \left[-\frac{\gamma}{\gamma}\right] = -\gamma$$

$$a\alpha^r - a\alpha - b = 0$$

$$S = 1$$

$$a\beta^r - a\beta - b = 0 \rightarrow \beta^r - \beta = \frac{b}{a}$$

$$P = -\frac{b}{a}$$

$$r_0\beta^r + r_0\alpha^r - r_0\beta = r_0\beta^r + r_0\alpha^r + r_0\beta^r - r_0\beta$$

$$r_0(\beta^r - \beta) + r_0(\beta^r - \beta) \rightarrow r_0\left(1 + \frac{r_0b}{a}\right) + r_0\left(\frac{b}{a}\right) = r_0 + r_0\frac{b}{a} + r_0\frac{b}{a} = 1V$$

$$\frac{b}{a} = -\frac{1}{r_0} \rightarrow b = -\frac{1}{r_0}a \rightarrow \frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{a^2 + 4ab}}{|a|} \rightarrow \frac{|a|\sqrt{\frac{a}{\omega}}}{|a|} = \sqrt{\frac{a}{\omega}} = \frac{r}{\sqrt{\omega}} = \frac{r\sqrt{\omega}}{\omega}$$

$$\left. \begin{aligned} a &= (k+1) \rightarrow (k-1) \rightarrow F_k^r - 1 \\ a+1 &= F_k \rightarrow a = F_k - 1 \end{aligned} \right\} \begin{aligned} &\rightarrow F_k^r - F_k = 0 \\ &F_k(F_k - 1) = 0 \end{aligned}$$

$$k = 1, 0$$

$$\rightarrow a = r$$

$$b = F_k^r + F_k^r$$

$$r_{a+1} = F_k^r + r$$

$$10 F_k^r + r \rightarrow k^r = r \rightarrow b = rF$$

$$|a-b| = |r-rF| = r(1)$$

$$\alpha + \beta = 1, \alpha\beta = 1-m^r$$

$$\alpha^r + \beta^r = S^r - r_p$$

$$1 - r(-m^r - 1) = r + r_m^r$$

$$m^r = 0 \rightarrow r + r_m^r = r$$

$$y = a(n+1)^r + 1 \rightarrow 0 = a(n^r + (r+1)n) + 1 \rightarrow 0 = an^r + a(r+1)n + 1$$

$$\alpha + \beta = -\frac{r\alpha}{a} = -r \quad \alpha\beta = \frac{a+1}{a} \quad \alpha^r + \beta^r + r\alpha\beta = r \rightarrow \alpha\beta = -\frac{1}{r}$$

$$\frac{a+1}{a} = -\frac{1}{r} \rightarrow a = -\frac{r}{r}$$

$$y = -\frac{r}{r}(n+1)^r + 1$$

$$n=0 \rightarrow y = -\frac{r}{r} + 1 = \frac{1}{r}$$