

$$\lambda_1 = \frac{1}{2} \pi r$$

$$\pi r = \frac{1}{2} \pi r \rightarrow \pi r \times \frac{1}{2} \pi r = \frac{1}{2} \pi r \rightarrow \pi r = \frac{1}{2} \pi r \rightarrow \pi r = \pm \frac{1}{2}$$

$$\pi r = \pm \frac{1}{2}$$

$$\pi r + \pi r = \frac{a}{\pi} \rightarrow \begin{cases} -\frac{1}{2} - \frac{1}{2} = \frac{a}{\pi} \rightarrow a = -\pi \\ \frac{1}{2} + \frac{1}{2} = \frac{a}{\pi} \rightarrow a = \pi \end{cases}$$

$$\pi - (-\pi) = 14$$

$$\frac{1}{5a} + \frac{1}{5b} = a \quad \frac{1}{a} + \frac{1}{b} + \frac{1}{\sqrt{ab}} = 2a \quad a+b = \frac{m+1}{4} \quad S = \frac{m+1}{4} \quad P = \frac{1}{4}$$

$$\rightarrow \frac{1}{a} + \frac{1}{b} = \frac{m+1}{4} = m+1 \quad \sqrt{ab} = \sqrt{\frac{1}{4}} = \frac{1}{4}$$

$$\frac{1}{\sqrt{ab}} = 4 \quad m+1+1=20 \quad m=1 \quad P = \frac{1}{m} = 2$$

$$\begin{cases} a+B=1 \\ aB=-1 \end{cases} \rightarrow \pi^2 - \pi^2 = 0 \rightarrow (\pi^2 - \pi^2)(a\pi + b) \quad A\pi^2 + (B-A)\pi^2 + (-B-1A)\pi + B$$

$$= \pi^2 + 1 - \pi^2 - 4\pi + 1$$

$$A = 1$$

$$B = 1$$

$$B-A = k \quad 1-1 = k = 0$$

$$a^2 + 2a + 1 = 14\sqrt{14} + 14$$

$$a = \frac{-1 \pm \sqrt{1+14}}{2}$$

$$a^2 = \frac{14 + 14 - 14 \pm 14\sqrt{14} - 14}{4}$$

$$\frac{14 \pm 14\sqrt{14} - 14}{4} = 14\sqrt{14}$$

$$a = 1$$

$$\pi^2 - \pi^2 + \pi^2 = \pi^2$$

$$\pi^2 = t \quad t - \sqrt{t} - 1 = 0$$

$$\begin{cases} t = \frac{1 + \sqrt{5}}{2} \\ t = \frac{1 - \sqrt{5}}{2} \end{cases}$$

$$\left( \frac{1 + \sqrt{5}}{2} \right)^2 = 1 + \sqrt{5}$$

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$$r_n^x - a n + b = 0 \quad n_1 + n_r = \frac{a}{r}$$

$$r a n^x + a n - 4 = 0 \quad n_1 + n_r = \frac{a}{r} - 1 = \frac{a}{r a} \quad \frac{a}{r} = \frac{1}{r} + 1 \quad a = 1 \quad p = \frac{-a}{r a} = -\frac{r}{a} \quad \frac{b}{r} = -r$$

$$\left[ \frac{4}{r} \right] = -r$$

$$a n^x - 9 n - b = 0 \xrightarrow{+a} n^x - n - \frac{b}{a} = 0 \quad \begin{matrix} a \\ b \end{matrix} \begin{matrix} a^x - a - \frac{b}{a} \\ b^x - b - \frac{b}{a} \end{matrix}$$

$$|a - \beta| = \sqrt{s^x p} = \sqrt{\frac{r}{a}}$$

$$r_0 b + r_0 \frac{b}{a} + r_0 a + r_0 \frac{b}{a} - r_0 \beta = 1V \rightarrow \frac{b}{a} = \frac{1}{r}$$

$$n^x - (a+1) n + a = 0$$

$$\frac{r_{n+1}}{r_{n-1}}$$

$$s = a + 1 = r \quad a = r - 1$$

$$p = a = r - 1 \quad p = r$$

$$a = r$$

$$r_{n-1} = r_{n-1} \quad \begin{matrix} n=0 \\ n=1 \end{matrix}$$

$$n^x (r a + 1) n + b = 0$$

$$\frac{r_{n+1}}{r_{n-1}}$$

$$n^x - 10 n + b = 0$$

$$s = 10 = r + r \quad z = r$$

$$n_1 = r \quad n_r = a$$

$$r \in r = r_1$$

$$n^x + n - 1 - m^x = 0$$

$$s = \alpha + \beta = \frac{1}{r} = -1 \quad p = \alpha \beta = -\frac{1-m^x}{1} = -(1+m^x)$$

$$\alpha^x + \beta^x = s^x - p = 1 + r + m^x = r + m^x \quad r m^x \gg m^x$$

$$\alpha + \beta = -r \quad r = -1$$

$$\alpha^x + \beta^x = -r \rightarrow (\alpha + \beta)^x = -r + r \alpha \beta$$

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

$$y = \frac{r}{r} \times \frac{r}{r} = \frac{r}{r}$$

$$1/10$$