

Subject:

Year. Month. Date. ()

$$\begin{aligned} \alpha^r - \alpha x + b &= 0 \Rightarrow \alpha + \frac{1}{r} + \beta + \frac{1}{r} = \frac{a}{r} \Rightarrow \alpha + \beta + 1 = \frac{a}{r} \quad (4) \\ \alpha + \beta &= -\frac{1}{r} \Rightarrow \frac{a-r}{r} = -\frac{1}{r} \Rightarrow a=1 \\ \alpha\beta &= -\frac{r}{a} \end{aligned}$$

$$\left(\frac{1}{r} + \alpha\right)\left(\frac{1}{r} + \beta\right) = \frac{1}{r^2} + \frac{(\alpha+\beta)}{r} + \alpha\beta = \frac{1}{r^2} - \frac{1}{r} - \frac{r}{a} = \frac{1}{r^2} - \frac{1}{r} - r$$

$$\frac{1}{r} - \frac{1}{r} - \frac{1}{r} = \frac{1}{r} \Rightarrow \frac{1}{r} = \frac{1}{r} \Rightarrow \frac{1}{r} = \frac{1}{r}$$

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

$$\alpha^r - \alpha x - b = 0 \quad S=1 \quad P=-\frac{b}{a}$$

$$r_0 \beta^r + r_0 \alpha^r - r_0 \beta = 1 \Rightarrow r_0 (\beta^r - \beta) + r_0 \beta^r + r_0 \alpha^r = 1$$

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

$$r_0 + r_0 \frac{b}{a} + r_0 \frac{b}{a} = r_0 + 4 \frac{b}{a} = 1 \Rightarrow \frac{b}{a} = -\frac{1}{r_0}$$

$$b = -\frac{1}{r_0} a \Rightarrow \frac{\sqrt{a^2 + 4ab}}{|a|} = \frac{\sqrt{a^2 - a^2}}{|a|} = \frac{\sqrt{0}}{|a|} = \frac{0}{|a|} = 0$$

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

$$r_k + 1, r_{k-1} \Rightarrow a = (r_k + 1)(r_{k-1} - 1) = r_k r_{k-1} - 1$$

$$a+1 = r_k \Rightarrow a = r_k - 1$$

$$b = r_k r_{k-1} + r_k \Rightarrow r_k a + 1 = r_k r_{k-1} + r_k \Rightarrow 1 = r_k r_{k-1} + r_k \Rightarrow r_k r_{k-1} = 1 - r_k$$

$$m^r - (a+1)m + b = 0 \quad |a-b| = (r_1)^r$$

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

$$\alpha^r + \beta^r = s^r - r p = (-1)^r - r \left(\frac{-1-m^r}{r}\right) = 1 + 1 + r m^r = 2 + r m^r$$

$$\alpha \beta = -1 - m^r \quad r + r m^r \rightarrow \min \quad r_0 = 0 \Rightarrow r = 0$$

$$A(x, y) \quad B(-x, y)$$

$$\frac{r-b}{r} = -1 \quad \frac{r-a}{r} = -1 \Rightarrow -\frac{1}{r} a(x+1) + b = a \alpha^r + a + r a x + 1 - r$$

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

$$(a+\beta)^r = 2 = \frac{\alpha^r + \beta^r}{a} + r \alpha \beta \Rightarrow \alpha \beta = -\frac{1}{r} = \frac{a+1}{a} \Rightarrow a = -\frac{r}{r}$$

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