

$\mu x^r - ax + \varepsilon = 0 \rightarrow P = \frac{x}{\mu}, S = \frac{a}{\mu} \Rightarrow \mu x^r = \frac{a}{\mu} \Rightarrow \boxed{x = \frac{a}{1\mu}}$
 $\mu x, x \Rightarrow \mu x^r = \frac{c}{a} = \frac{\varepsilon}{\mu} \Rightarrow \mu x^r = \mu \Rightarrow x^r = \frac{\varepsilon}{a} \Rightarrow x = \pm \frac{\mu}{\mu}$
 $\rightarrow \begin{cases} \frac{a}{1\mu} = \frac{\mu}{\mu} \Rightarrow \boxed{a = 1} \\ \frac{a}{1\mu} = -\frac{\mu}{\mu} \Rightarrow \boxed{a = -1} \end{cases} \Rightarrow \text{Lösung} = 14$

$$\sqrt{\frac{1}{\alpha}} + \sqrt{\frac{1}{\beta}} = \delta \xrightarrow{\text{röb}} \frac{1}{\alpha} + \frac{1}{\beta} \quad \sqrt{\frac{1}{\alpha\beta}} = \frac{s}{p} + \frac{r}{\sqrt{p}} = \delta$$

$$r^2 x^r - (m+1)x + 1 = 0 \quad \swarrow \quad \searrow \quad \frac{s+r\sqrt{p}}{p} = m + r = \delta \rightarrow m = -1$$

$$m x^r + r m + r \rightarrow (-1)x^r + r x + r \Rightarrow p = \frac{c}{a} = \frac{-r}{1}$$

$$\begin{aligned} & \text{Jal no ablaoo} \\ & \text{Factorization} \\ & x^2 + Kx - 9x - 1 = 0 \rightarrow (x - \alpha)(x - \beta) = x^2 + Kx - 9x - 1 = 0 \\ & (x^2 - 5x + 6) = (x^2 - x - 2) = (x - 2)(x + 1) = x^2 + Kx - 9x - 1 = 0 \\ & \Rightarrow \begin{cases} -1 \\ 2 \end{cases} \Rightarrow f(-1) + K(1) - 9(-1) - 1 = -f + K + 9 - 1 = 0 \Rightarrow K = -f \end{aligned}$$

$$\begin{aligned} \kappa^r + 4\kappa + a &= 0 \quad \alpha < \beta < 0 \quad \Rightarrow \boxed{\alpha^r > \beta^r > 0} \Rightarrow \begin{cases} s = -4 \\ p = a \end{cases} \\ 3\alpha^r + 2\beta^r &= 12\sqrt{r} + 18 = 1,8\alpha^r + 0,8\alpha^r + 1,8\beta^r - 0,8\beta^r = 1,8(\alpha^r + \beta^r) + 0,8(\alpha^r - \beta^r) \\ &= 1,8(s^r - 2p) + 0,8\left(s\left(-\frac{\sqrt{\Delta}}{|a|}\right)\right) = 1,8(14 - 2a) + 0,8(\sqrt{14 - 2a})(-4) = 12\sqrt{r} + 18 \\ \Rightarrow 9\sqrt{r} - 8a - 3\sqrt{14 - 2a} &= 12\sqrt{r} + 18 \Rightarrow 8 - 8a + 3\sqrt{14 - 2a} = 12\sqrt{r} \\ \Rightarrow a &= 1 \end{aligned}$$

$x^F - v x^F - \delta = 0 \xrightarrow{t=x^F} t^F - vt^F - \delta = 0 \Rightarrow t = \frac{v + \sqrt{v^2 + 4\delta}}{2} \Rightarrow \begin{cases} t = \frac{v - \sqrt{v^2 + 4\delta}}{2} < 0 \\ t = \frac{v + \sqrt{v^2 + 4\delta}}{2} > 0 \end{cases}$

$\boxed{rP^F - r^S P + P^S}$

$x^F \geq 0 \Rightarrow t \geq 0 \Rightarrow \begin{cases} S: \text{زیر بارش} \\ P: \sqrt{\frac{v + \sqrt{v^2 + 4\delta}}{2}} \left(-\sqrt{\frac{v + \sqrt{v^2 + 4\delta}}{2}} \right) \end{cases}$

$\rightarrow P = -\frac{v + \sqrt{v^2 + 4\delta}}{2} \Rightarrow r \left(\frac{v + \sqrt{v^2 + 4\delta}}{2} \right)^r - 0 + 0 = \boxed{\delta + v\sqrt{v^2 + 4\delta}}$

$$\begin{cases} 2n^2 - an + b = 0 \\ 2an^2 + an - 4 = 0 \end{cases} \rightarrow \begin{cases} S = \frac{a}{r} \\ P = \frac{b}{r} \end{cases} \rightarrow \begin{cases} S' = -\frac{1}{r} \\ P' = -r \end{cases}$$

$$\Rightarrow S = S' + 1 \Rightarrow \frac{a}{r} = -\frac{1}{r} + 1 \Rightarrow a = 1 \Rightarrow 2(1)n^2 + (1)n - 4 = 2n^2 + n - 4$$

$$\Rightarrow \alpha', \beta' = -1, 4 \Rightarrow \alpha, \beta = -1, 8, 2 \Rightarrow 2 \times (-1, 8) = -2 \Rightarrow b = -4$$

$$\Rightarrow \left[\frac{ab}{\Sigma} \right] = \left[\frac{-4}{\Sigma} \right] = -1, 8 = -2$$

$$r \cdot \beta^r + r \cdot \alpha^r - r \cdot \beta = r \cdot \beta^r + r \cdot \beta^r + r \cdot \alpha^r - r \cdot \beta = 14 \Rightarrow r \cdot (\beta^r + \alpha^r) + r \cdot (\beta^r - \beta)$$

$$a n^r - a n - b = 0 \rightarrow a(n^r - n) = b \rightarrow \beta^r - \beta = \frac{b}{a} \quad \begin{cases} S = \frac{a}{a} = 1 \\ P = -\frac{b}{a} \end{cases}$$

$$\Rightarrow r \cdot (S^r - rP) + r \cdot \left(\frac{b}{a} \right) = r \cdot (1 - (-\frac{r \cdot b}{a})) + r \cdot \frac{b}{a} = r \cdot 1 + \frac{r \cdot b}{a} = 14$$

$$\Rightarrow \frac{b}{a} = -\frac{r}{r} = -1 \rightarrow r \cdot b = -a \Rightarrow a = -r \cdot b \Rightarrow -r \cdot b n^r + r \cdot b n - b = 0 \Rightarrow -n^r + r \cdot n - 1 = 0$$

$$\Rightarrow \Delta = \frac{b^2 - 4ac}{4a^2} = \frac{b^2 - 4ac}{r^2} = \frac{r^2 r_0}{r^2} = \sqrt{\frac{14}{r_0}} = \frac{r}{r \sqrt{8}} = \frac{r \sqrt{8}}{8}$$

$$\begin{aligned} S &= a + 1 \rightarrow b + (b + r) \\ S' &= r a + 1 \rightarrow a + (a + r) \end{aligned} \rightarrow \begin{cases} P = a \\ P' = b \end{cases} \rightarrow \begin{cases} (-\frac{1}{r}, 1, 0) \\ (-1, 8, 2) \end{cases} \rightarrow \frac{a}{r} = \frac{r}{r} a$$

$$\Rightarrow \frac{a}{r} - 1, 8 \Rightarrow P = a = \left(\frac{a+r}{r} \right) \left(\frac{a-1}{r} \right) \Rightarrow a^r + r a - r = \Sigma a \Rightarrow a^r - r a - r = 0$$

$$\Rightarrow (a - r)(a + 1) = 0 \rightarrow \begin{cases} a = r \rightarrow n^r - r n + r \rightarrow (n - r)(n + 1) \Rightarrow P = r \\ a = -1 \rightarrow n^r - 1 \Rightarrow n = \pm 1 \Rightarrow -1 \end{cases}$$

$$n^r - (r a + 1) n + b = 0 \rightarrow P = b \Rightarrow \Delta = r - b$$

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

$$\alpha^r + \beta^r = S^r - rP = (-1)^r - r(-m^r - 1) = 1 + r m^r + r = r m^r + r$$

$$\Rightarrow \text{ext} \left(-\frac{b}{ra} = 0 \right) \rightarrow r(0) + r = r \rightarrow \text{مستقيم}$$

$$A(r, y) B(-8, y) \rightarrow y_1 = y_2 \Rightarrow \frac{n_1 + n_2}{r} = n_{\text{ext}} \Rightarrow n_{\text{ext}} = \frac{r - 8}{r} = -1 \quad (y_{\text{ext}} = 1)$$

$$\rightarrow \text{ext} \text{ variables} = a(n - h)^r + k = a(n + 1)^r + 1 \rightarrow a n^r + r a n + a + 1 = 0$$

$$\rightarrow \begin{cases} S = -\frac{r a}{a} = -r \\ P = \frac{a + 1}{a} \end{cases} \quad \alpha^r + \beta^r = S^r - rP = (-r)^r - r \left(\frac{a + 1}{a} \right) = 8 \Rightarrow a = -\frac{r}{r}$$

$$\Rightarrow y = -\frac{r}{r} (n + 1)^r + 1 \xrightarrow{n=0} -\frac{r}{r} + 1 = \frac{1}{r} \rightarrow \text{عرض الزمبي}$$