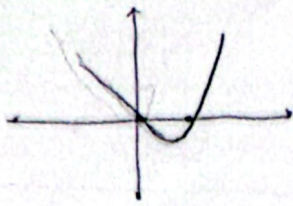


سید محمد اویسان

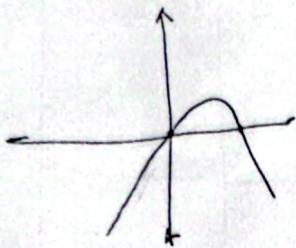


~~$x^2 + x + 1$~~
 $x(x + 1)$

$x = 0$
 $x + 1 = 0$
 $x = -1$

①

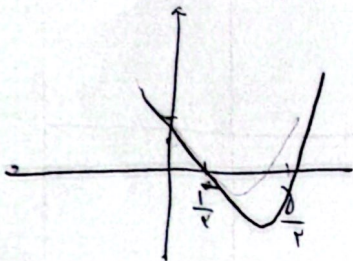
~~⊗~~



$x(-x + 1)$

$x = 0$
 $-x + 1 = 0$
 $x = 1$

⊗

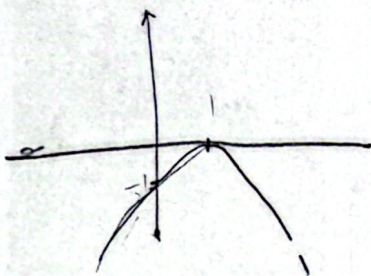


$x^2 - ax + 1 = 0$

$(x-1)(x-1/r) = 0$

$x=1 \quad x=1/r \Rightarrow \frac{1}{r}, \frac{1}{r}$

②

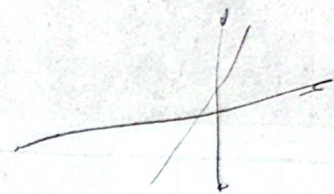


~~$x^2 - 2x + 1$~~

$y = -(x-1)^2$

$x=1$

⊗

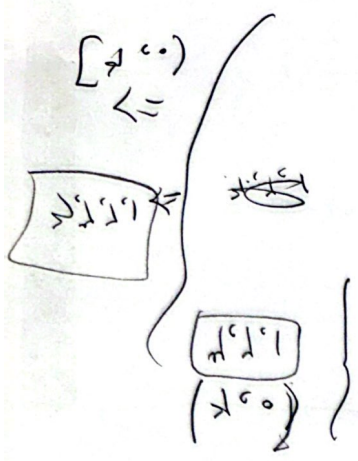


$$\alpha = k$$

$$x^2 - \alpha x + \alpha = (x - \alpha)$$

$$x^2 - \alpha x + \alpha = (x - \alpha)$$

$$\alpha^2 - \alpha > \alpha^2 - \alpha < 0$$



(k)

$$\sqrt{1+k} \sqrt{1-k} = k \sqrt{1+k}$$

$$\sqrt{1+k} \sqrt{1-k} = (1+k) \sqrt{1-k}$$

$$(1) \sqrt{1-k} = 1$$

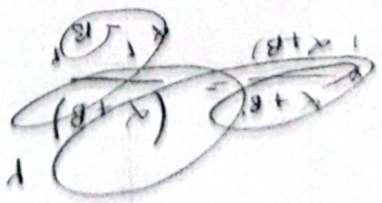
$$(2) \sqrt{1+k} \sqrt{1-k} = (1+k) \sqrt{1-k}$$

$$\sqrt{1-k} = 1$$

$$\sqrt{1+k} = 1+k$$

$$\sqrt{1+k} = 1+k$$

$$\sqrt{1-k} = 1$$



$\alpha = \dots$

$$\begin{aligned} r\alpha - 11\alpha - \alpha &= \dots \\ r\alpha - 11\alpha &= 0 \\ \alpha(r - 11) &= 0 \\ \alpha &= 0 \end{aligned}$$

$$\begin{aligned} \alpha(r + \beta) + \alpha r - r\alpha &= V \\ r - r\alpha + \frac{\alpha}{r} &= V \Rightarrow \end{aligned}$$

$$\begin{aligned} 17 - r(-\frac{9}{r}) + \frac{9}{r} &= V \\ \alpha &= -9 \end{aligned}$$

$$r\alpha - 11\alpha = a \Rightarrow \alpha(r - 11) = a$$

$$r\alpha - 11\alpha + a = 0$$

$$\frac{a}{\beta} = -r$$

$$\alpha = 1, \beta = r$$

$$y = an^r + bn + c$$

$$S(z, z, -r)$$

$$\frac{-b}{ra} = z$$

$$\left\{ \begin{aligned} \frac{-b}{ra} &= \frac{-\Delta}{ra} \end{aligned} \right.$$

$$\frac{-\Delta}{ra} = z - r \Rightarrow \frac{-\Delta}{ra} + r = z$$

$$\frac{-b + \Delta}{ra} = 0$$

گفتم

$$-rb + \Delta = 0$$

$$-rb + b^r - kac$$

$$a n^r \leftarrow a n = b$$

$$a n^r - a n = b$$

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

$$\frac{r \cdot b}{a}$$

$$a n^r - a n - b = 0$$

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

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

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

$$r \cdot (\beta^r - \alpha) + \frac{r \cdot b}{a} = 1V$$

$$r \cdot \left(1 + \frac{r \cdot b}{a}\right) + \frac{r \cdot b}{a} = 1V \Rightarrow \frac{r \cdot b}{a} = -r$$

$$|a \leftarrow -\beta| = \frac{\sqrt{a^r + r \cdot a \cdot b}}{a} = \sqrt{\frac{a^r + r \cdot a \cdot b}{a^r}} \quad \frac{b}{a} = -\frac{1}{r}$$

$$\frac{r \cdot \sqrt{r}}{r}$$

$$\sqrt{1 + \frac{r \cdot b}{a}} = \sqrt{1 + r \left(-\frac{1}{r}\right)} = \sqrt{1 - 1} = 0$$

$$1a - r \cdot c = 0$$

$$1a = r \cdot c$$

$$a = \frac{r \cdot c}{1}$$

$$\frac{r \cdot c}{1} = \frac{-0 + 1}{r} = -r$$

$$\frac{r}{1} \cdot n^r + \frac{r}{r} = r$$

$$n = 1, r \cdot n^r + r = r$$

$$n = 1 \Rightarrow \boxed{1, r, r}$$

$$\frac{-b}{r \cdot a} = -r$$

$$r \cdot a = r \cdot \Delta$$

$$r \cdot a \cdot b = r \cdot b^r - 1 \cdot a \cdot c$$

$$r \cdot a = r \cdot (1 + r \cdot a^r) - 1 \cdot a \cdot c$$

$$r \cdot a = r \cdot r \cdot a^r - 1 \cdot a \cdot c$$

$$r \cdot a = r \cdot a \cdot (r \cdot a - c)$$

$$r \cdot a \cdot (r \cdot a - c) = r \cdot a$$

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

$$\frac{-b}{ra} = -r$$

$$ra = b$$

$$\frac{-\Delta}{ra} = +\frac{1}{r}$$

$$ra = r\Delta$$

~~$$b = r\Delta = ra$$~~

$$ra = r(b)^r - \lambda ac$$

$$ra = r\Delta ra^r - \lambda ac$$

$$ra = \lambda a^r (ra - c)$$

$$0 = r(ra - c)$$

$$0 = \lambda a - r c$$

$$0 = \lambda a - r \left(\frac{r}{r} \right)$$

$$\lambda = \lambda a$$

$$\frac{\lambda}{\lambda} = a \Rightarrow b = r\Delta$$

$$y = \frac{r}{\lambda} a + \frac{r}{r} \frac{(a)(r)}{r} a$$

$$\mu \frac{r}{\lambda}$$

$$\alpha^r + r\alpha^r + r\beta^r = r(r\Delta + \lambda a) \Rightarrow \alpha^r + r(\Delta - r\Delta) = r\Delta + \lambda a$$

$$(\alpha^r + \beta^r) + r\beta^r = r\Delta + \lambda a \Rightarrow \alpha^r + r(r\Delta - r\Delta) = r\Delta + \lambda a$$

$$\alpha^r + 4\lambda a = 0$$

$$a = -\frac{r}{4} - \sqrt{9-a} \Rightarrow$$

$$a^r = 9 + a - a + 4\sqrt{9-a}$$

$$1 - a + 4\sqrt{9-a} + \lambda r a = r\Delta + \lambda a$$

$$a = 0 \Rightarrow 4\sqrt{9-a} - \Delta a = r\Delta - a$$

$$\frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = 0$$

$$\frac{1}{a} + \frac{1}{b} = \frac{r}{\lambda a}$$

$$\frac{\sqrt{a}}{a} + \frac{\sqrt{b}}{b} = \frac{\sqrt{a}\sqrt{b} + \sqrt{b}\sqrt{a}}{ab}$$

~~$$A^r = \frac{a}{a^r} + \frac{b}{b^r} + \frac{r\sqrt{ab}}{ab}$$~~

$$A^r = \frac{a}{a^r} + \frac{b}{b^r} + \frac{r\sqrt{ab}}{ab}$$

2

9

$$\frac{2+B}{aB} + \frac{r\sqrt{aB}}{aB}$$

$$\frac{m+1K}{\frac{1}{r} \frac{1}{a}} = \frac{K \times \frac{1}{r}}{\frac{1}{r} \frac{1}{a}} = \Delta$$

~~$$r \frac{1}{a} (m+1K) + \frac{K}{r} = \Delta$$~~

~~$$r \frac{1}{a} m + \Delta \cdot K + \frac{K}{r} = \Delta$$~~

$$0 \quad \frac{r}{a} = \frac{K}{r} = \Delta$$

$$\frac{r \frac{1}{a} (m+1K) + 1r}{r \frac{1}{a}} = \Delta$$

~~$$m+1K+1r = \Delta$$~~

~~$$m = \Delta - 1$$~~

⑥ انیس

$$a - r \rightarrow a$$

~~$$\frac{1}{a} = \Delta$$~~

$$\frac{r - ra + ra + r}{r} = \Delta = \frac{r}{r}$$

ab

$$\Rightarrow b = n, \quad \frac{1}{a} = \Delta$$

$$\frac{1}{r} = \Delta$$

$$y = a(n-n) + y$$

$$y = a(x-a) + r$$

$$y = x^2 + r\Delta - 1 \cdot x + r$$

$$y = n^2 - 1 \cdot n + \frac{1}{a}$$

$$\left(\frac{1}{a} \right)$$