

مذکر A

تطبیق شماره ۲۴

پرتو پرورش

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جمعه ۱۸:۳۰ - ۱۷:۳۰

ent $\begin{cases} \frac{-b}{ra} \\ \frac{-\Delta}{fa} \end{cases}$ $a > 0$ ent = min $\begin{cases} \frac{f}{f} \\ -1 \end{cases}$

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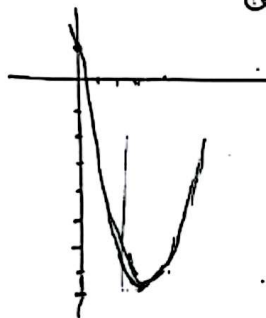
$a < 0$ ent = max $\begin{cases} \frac{f}{f} \\ \frac{-\Delta}{fa} \end{cases}$

ب)

$a > 0 \Rightarrow \min \begin{cases} r \\ -1 \end{cases}$

الف)

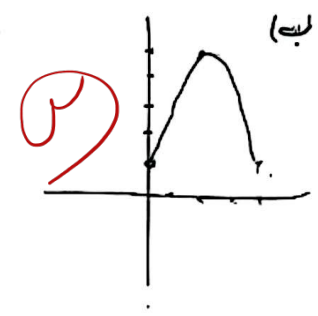
3	4
2	-1
0	1
2	-1



$a < 0 \Rightarrow \max \begin{cases} r \\ \Delta \end{cases}$

ب)

3	4
2	5
0	1
2	1



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$r\alpha^r + k\alpha^r - a\alpha - r = 0$
 $r\beta^r + k\beta^r - a\beta - r = 0$

$f(\alpha^r + \beta^r) + k(\alpha^r + \beta^r) - a(\alpha + \beta) - r = 0$

$r\alpha + \Delta k - a - r = 0 \quad \Delta k = -r\alpha + r\beta = -1\alpha \rightarrow k = -r$

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$\sqrt{\alpha} - \sqrt{\beta} = 1 \rightarrow (\sqrt{\alpha} - \sqrt{\beta})^2 = \alpha + \beta - r\sqrt{\alpha\beta}$

$\alpha + \beta = \frac{-b}{a} = rm$

$1 = rm - r\sqrt{m} \quad \sqrt{m} = m \rightarrow rm^2 - rm - 1 = 0$

$\alpha\beta = \frac{c}{a} = m$

$\Delta = 17 \begin{cases} m=1 \rightarrow m=1\sqrt{} \\ m=-\frac{1}{r} \end{cases}$

$rm^2 - m - 1 = 0 \rightarrow \text{محل اول} = \frac{c}{a} = \frac{-1}{r}$

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$y = rm^2 - (m+r)m + m \xrightarrow{\text{محل اول}} m=0 \quad y=m$

$l = \frac{a}{a} = \frac{m}{r}$

$\frac{-b}{a} = \frac{m+r}{r}$

محل ۲ $= \frac{mx}{r} = \frac{m^2 - rm}{r} = \frac{r}{r} \Rightarrow rm^2 - rm - r = 0$

محل ۱ $\begin{cases} m=r \rightarrow \frac{r}{r} \\ m=1 \Rightarrow \frac{-1}{r} \end{cases}$

$\frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{(m+r)^2 - f(r)(m)}}{r} = \frac{\sqrt{(m-r)^2}}{r} = \frac{m-r}{r}$

محل ۲

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پہلے $a > 0$

$$\frac{-A}{f_a} = \frac{a - f a^r}{f_a} = \frac{1}{f} \checkmark$$

$$r^2 - r^2 a^r - r a = 0$$

$$a = \frac{-r \pm \sqrt{r^2 + 4r}}{2f} \quad \left[\begin{array}{l} -r \text{ کو } \checkmark \\ 1 \checkmark \end{array} \right]$$

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$$r^2 - (a+1)r + a = 0 \quad \left\{ \begin{array}{l} rA+1 \\ rA+r \end{array} \right.$$

$$\begin{aligned} \frac{-b}{a} &\rightarrow fA + f = a + 1 \Rightarrow a = fA + f \\ \frac{c}{a} &\rightarrow fA^r + rA + r = a \end{aligned} \Rightarrow a = r$$

$$r^2 - (ra+1)r + b = 0 \quad \left\{ \begin{array}{l} rB \\ rB+r \end{array} \right.$$

$$\begin{aligned} \frac{-b}{a} &\rightarrow fB + r = ra + 1 \rightarrow B = r \\ \frac{c}{a} &\rightarrow fB^r + rB = b \rightarrow b = rf \end{aligned}$$

$$b - a = rf - r = r(f-1)$$

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$$e_n = \frac{1}{r} \quad \left| \begin{array}{l} a^r + na \\ -fa \end{array} \right. = \frac{a+1}{-f}$$

$$r(b(\frac{1}{f}) - b(\frac{1}{f}) - 1) = -1$$

$$\frac{a+1}{-f} = -1 \rightarrow a+1 = f \quad \underline{a = f-1}$$

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$$e_{nb} = \frac{1}{f} \quad \left| \begin{array}{l} b+nb \\ -ab \end{array} \right. = \frac{b+1}{-a}$$

$$-a(\frac{1}{f}) + a(\frac{1}{f}) + r = \frac{1}{f} - 1 + r = \frac{a}{f} b$$

0

$$y = -a r^x + f x + 1 \Rightarrow \text{اس سے } \left[\begin{array}{l} m = \frac{-b}{r^n} \Rightarrow \frac{f}{r} \quad \beta > 1 \\ y = \frac{1}{r^n} = \frac{a}{a} \end{array} \right.$$

اس سے مرتبہ اول

$$\alpha + \beta = \frac{-f}{ra} \xrightarrow{a = \frac{1}{r}} \beta = \frac{f}{a} + \frac{1}{a} = 1$$

$$\alpha \beta = \frac{\beta}{r \alpha} \xrightarrow{\text{طرف } r} \beta(r \alpha^r - 1) = 0 \rightarrow r \alpha^r - 1 = 0 \rightarrow \alpha = \pm \frac{1}{r} \xrightarrow{\alpha > 0} \alpha = \frac{1}{r}$$

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$$\frac{a+b}{c} = a^r + b^r - 1 \Rightarrow s = a^r + b^r - 1 \quad (a+b)^r - r a b \Rightarrow s = s^r - r p - 1 = r p s^r - 1$$

$$\Rightarrow p \text{ کی تلاش } \rightarrow y(s-1) = s^r - s - 1$$

$$ab = a + b - 1 \Rightarrow p = a + b - 1 \Rightarrow p = s - 1$$

$$r s - 1 = s^r - s - 1 \Rightarrow s^r - r s - 1 = 0 \quad \Delta = f a \quad \left\{ \begin{array}{l} s = a \checkmark \\ s = -r \text{ کو } \checkmark \end{array} \right. x$$

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