

$x^2 - ax + b \rightarrow$ مقادیر x را باقی می‌ماند $a+b$ حاصل $\textcircled{1}$
 $\frac{1}{-b} - \frac{1}{-b} +$
 - شوارب

$x^2 - ax + b \rightarrow x^2 - (r+m)x + r$ $a = -r, b = r \Rightarrow -r+r = -1$

$x_1 = 1, x_2 = r$

با $\frac{m}{n} + k$ حاصل $y = ((k-r)x + m-1)(x-r)^r \textcircled{2}$

$\frac{x}{p} \mid \begin{matrix} -1 & r \\ + & + & - \end{matrix}$

$x^2 + 9x^2 - r(-rx + 1)$
 $x^2 + 9x^2 + 4rx$
 $x^2 + 4rx + \frac{9x^2}{r} \quad h=r$

$\frac{m(m^2+m)}{m-r} > 0$ m حده $\textcircled{3}$

$m-r > 0$
 $m > r$

$m^2 + m^2 > 0$

$m^2(m^2+1) > 0$
 $m^2 > 0$
 $m > 0$
 $m^2+1 > 0$
 $m^2 > -1$ شوارب

$\frac{-1 \quad 0 \quad r}{- \quad + \quad - \quad +}$

$(-1, 0) \cup (r, +\infty)$

$\frac{x-r}{(x-r)(x+r)} \cdot \frac{m-r}{m+r}$
 $(x^2 - x - 4)(x+1)^r$

$\frac{(x^2 - x - 4)(x+1)^r}{(x^2 + x + 1)(x-r)^m} \leq 0$ $m=r$

$\frac{-r \quad 1 \quad r \quad r}{+ \quad - \quad + \quad - \quad +}$

$x^2 - x - 4$
 $(x-r)(x+r)$
 $x^2 + x + 1$
 $(x-1) = 0$

$(-\infty, -r] \cup [1, r) \cup [r, +\infty)$

$p^2 - 4ac \rightarrow 1^2 - 4(1)(1) = -4 < 0$
 $r-m = 0$
 $r = m$

Subject: _____

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$$-1 < \frac{r_n^r - f_n}{n+1} < 0$$

$$\frac{r_n^r - f_n}{n+1} < 0$$

$$n > 0 \quad |$$

$$r_n - f > 0 \quad \text{z.p.} : \left(\frac{f}{r}, +\infty\right)$$

$$r_n > f \quad | \quad \text{inf}$$

$$n > \frac{f}{r} \quad | \quad \ominus$$

$$r_n^r - f_n < 0$$

$$n(r_n - f) < 0$$

$$\frac{0 - f}{r}$$

$$-1 < \frac{r_n^r - f_n}{n+1} \quad -n-1 < r_n^r - f_n$$

$$0 < r_n^r - f_n + n + 1$$

$$r_n^r - r_{n+1} \rightarrow r_n^r - r_n + r \rightarrow r^r - f_n \rightarrow 9 - f(r_n + 1) = -r_n$$

$$\frac{r_n^r - 6}{n} \leq r$$

$$r_n^r - 10 \leq r_n$$

$$r_n^r - 10 \leq 0$$

$$\frac{r}{+ \phi} - \frac{a}{- \phi} \rightarrow \text{z.p.} : (-\infty, r] \cup [a, +\infty)$$

$$r^r - f_n \rightarrow 9 - f(-10 \times 1) = f_n \quad n = \frac{r \pm \sqrt{r^2 - 4 \cdot 10 \cdot (-f)}}{2} = \frac{r \pm \sqrt{r^2 + 40f}}{2}$$

$$\rightarrow \frac{-f}{r} = -r$$