

$$\begin{cases} S = a + B = a - r \\ P = aB = r \end{cases} \Rightarrow \begin{cases} a = a - B \\ B = a - a \end{cases} \quad (1)$$

حل:

$$B^r - aB + r = 0 \rightarrow B^r = aB - r \rightarrow B^r = aB^r - rB = 10B - 10 - 2B = 8B - 10$$

$$B^r = 8B - 10 \Rightarrow 10B - 10 - 2B = 8B - 10$$

$$B^r = 10B - 10 - 2B = 8B - 10$$

$$\frac{r\alpha + \beta^a}{a\beta^r} = \frac{10 - 4\beta + 4.9\beta - 10}{10\beta - 10} = \frac{4.9\beta - 10}{a(\beta - 10)} = \frac{9\beta - 10}{a\beta - 10}$$

$$x = ax^2 + bx + c \quad \left\{ \begin{array}{l} -r = 2.10a - 1.10b + c \\ -r = 9a + 2b + c \end{array} \right. \Rightarrow \begin{cases} 2.10a - 1.10b + c = 9a + 2b + c \\ 2.10a - 1.10b = 9a + 2b \\ \frac{b}{a} = -1/5 \end{cases} \quad (2)$$

$$\text{مجموع صفحتين} = \text{مجموع صفحتين} = \frac{-b}{a} = 1/5$$

$$\text{الخط} = \frac{\sqrt{A}}{|a|} = \left(\frac{\sqrt{rk^r - r_0}}{1} = \frac{r}{r} k \right)^r = \frac{rk^r - r_0}{r} = \frac{15}{9} k^r$$

$$\frac{r}{9} k^r = r_0 \rightarrow k^r = \frac{r_0}{\frac{r}{9}} = 90$$

$$\left[\frac{k^r}{r} \right] = \left[\frac{90}{r} \right] = 45$$

$$A = (r, y) \rightarrow 9a + 2b + c = y$$

$$B = (-a, y) \rightarrow 10a - aB + c = y$$

$$\text{مجموع صفحتين} = \frac{-b}{r_0} = 1 \rightarrow \frac{-b}{a} = 1 \Rightarrow S$$

$$\alpha^r + \beta^r = S^r - rP \rightarrow r - rP = a \rightarrow rP = 9 \rightarrow P = \frac{9}{r} = \frac{c}{a} \rightarrow C = 9$$

$$A \rightarrow 2a + 11m \geq 0 \rightarrow m \geq -\frac{11}{2} \rightarrow m \geq -5.5$$

مقدار 11

$$S < \frac{11}{2} = 5.5$$

(40 - 5)

0 0 0

$$P < \frac{9}{2} \times \frac{9}{2} = \frac{81}{4} \rightarrow -m < \frac{81}{4} \rightarrow m > -\frac{81}{4} \rightarrow m > -20.25$$

$$x = \frac{-b}{2a} \rightarrow \frac{11x^2 - 20mx + 11}{11} = 0 \rightarrow -20mx + 11x + 11 = 0$$

$$-20m^2 + 11m + 11 = 0$$

$$\Delta = 9 - (-11 \times 20) = 229$$

$$\frac{-b \pm \sqrt{\Delta}}{2a} \rightarrow \frac{-20 \pm \sqrt{229}}{-10}$$

ب و ا

X

$$x = \frac{-b}{2a} = \frac{11}{20} = \frac{11}{20} = 0.55$$

$$S = \frac{-2a - 1}{1} = -2a - 1 = \alpha + \beta$$

$$P = \frac{2a - 1}{1} = 2a - 1 = \alpha\beta \rightarrow \frac{a}{x} \times a = 2a - 1$$

$$a^2 - 2a + 1 = 0$$

$$a = 1$$

$$x^2 = t \rightarrow t^2 - vt - a = 0$$

$$2P^2 - 3S^2 + 2S = 20 + 10a + 11 = 31$$

$$S = \frac{-b}{a} = -v$$

$$P = \frac{c}{a} = -a$$

$$x = \frac{15}{16k} = \frac{15}{16k}$$

$$y = \frac{-15}{16k} = \frac{-15 - 15k}{16k} = \frac{-15 - 15k}{16k}$$

$$\frac{-15 - 15k}{16k} = \frac{-15 - 15k}{16k}$$

$$+15k + 15k = +15k + 15k$$

$$15k^2 - 15k = 0$$

$$x^2 - y^2 = \frac{-15 - 15}{16} = -1$$

Arman

$$\Delta = 15$$

$$\frac{15 \pm 15}{16} = k$$

(10)

$$-m \cdot 2^r + m \cdot 2^r + 1 = -m - 2^r$$

$$-m \cdot 2^r + 2^r(m+1) + m + 1 = 0$$

$$\Delta = m^r + 1 + 2m + 2m^r + 2m < 0$$

بما أن 2^r زوج

$$2m^r + 5m + 1 < 0$$

$$\Delta = 15 \rightarrow m = \frac{-5 \pm \sqrt{15}}{10}$$

$$\begin{matrix} -1 \\ -\frac{1}{2} \end{matrix}$$

$$\begin{array}{ccccccc} & -1 & & -\frac{1}{2} & & \\ + & | & - & | & + & \\ & \underbrace{\hspace{2cm}} & & & & \end{array}$$

$$-1 < m < -\frac{1}{2}$$