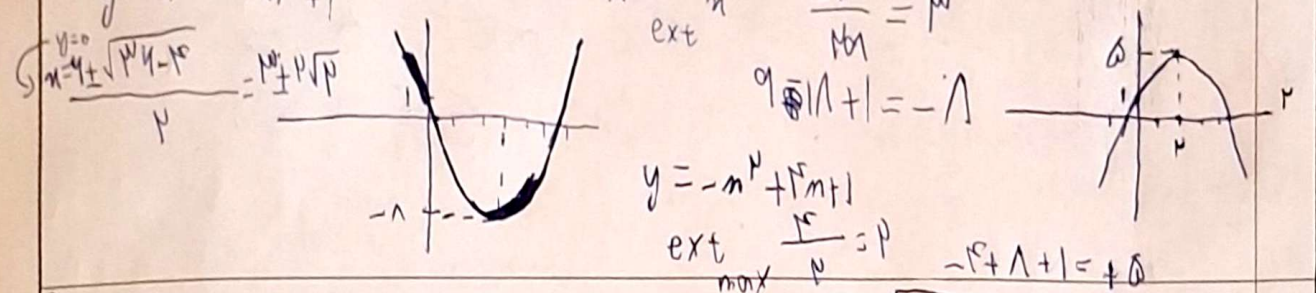


$y = Pm^N - Pm + 1$        $\min$        $\min \begin{cases} \frac{b}{a} = \frac{P}{P} = 1 \\ y = P - P + 1 = 1 \end{cases}$

$\text{ext} \rightarrow \min \begin{bmatrix} 1 \\ -1 \end{bmatrix}$

$y = -Pm^N + Pm - 1$        $\max$        $\max \begin{cases} \frac{b}{a} = \frac{P}{-P} = -1 \\ y = -\frac{P}{1} + \frac{P}{1} - 1 = -1 \end{cases}$

$\text{ext} \rightarrow \max \begin{bmatrix} \frac{P}{-P} \\ -\frac{P}{1} \end{bmatrix}$



$Pm^N + Km^N - Pm - 1 = 0$        $B = \frac{-P}{\alpha} \Rightarrow \frac{-P}{\alpha} + \alpha = 1$

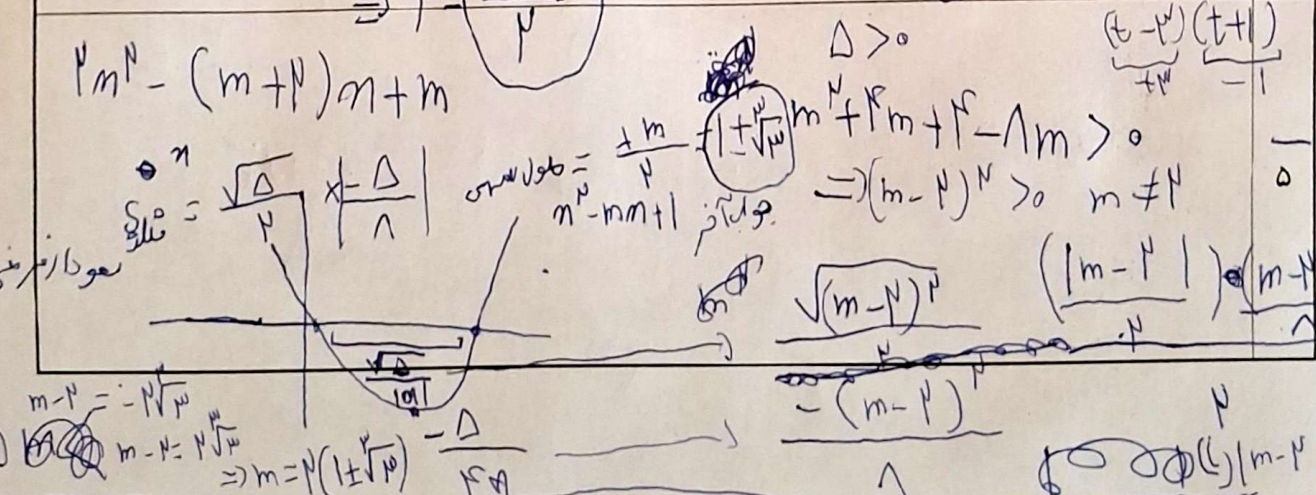
$\Rightarrow \alpha^2 - P\alpha - 1 = 0 \Rightarrow \alpha = \frac{P \pm \sqrt{P^2 + 4}}{2}$

$\alpha B = \frac{-P}{\alpha} = -1$

$Pm^N + Km - 1 = 0$        $K = -P$

$m^N - Pm + 1 = 0$        $\Rightarrow \alpha + \beta = \sqrt{\alpha\beta} = 1$

$\Rightarrow \alpha = \frac{1 + \sqrt{1 - 4P}}{2}$        $\beta = \frac{1 - \sqrt{1 - 4P}}{2}$



$$am^N + pm + a$$

$$a > 0$$

$$\frac{-\Delta}{F\alpha} = \frac{\sqrt{}}{\lambda}$$

$$\Rightarrow \frac{\Delta}{\alpha} = -\frac{\sqrt{}}{\mu} \quad \frac{\sqrt{-F\alpha^N}}{\alpha} = -\frac{\sqrt{}}{\mu}$$

فقط در این حالت  $\alpha = \mu$

$$\Rightarrow am^N - \sqrt{a} - 1 = 0$$

$$am^N - \frac{\sqrt{}}{\mu} m - \sqrt{a} = 0$$

$$am^N + \sqrt{a} - 1 = 0$$

$$(m^N + 1)(m^N - 1) = 0$$

$$\alpha = \frac{-a}{\lambda}$$

$$\alpha = \mu$$

$$m^N - (a+1)m + a$$

$(m-a)(m-1)$   $a$  و  $1$  دو عدد طبیعی متوالی

$$m^N - am + m + a$$

$$\Rightarrow m^N - m + a = 0$$

$$S = a \mid 0$$

$$c+c+p$$

$$\alpha = \mu$$

$$p = \mu$$

$$m^N - (m-1)m + a = 0$$

$$p = (c)(c+p) = N^2$$

$$b = \frac{c}{N^2}$$

$$p = \mu$$

$$p = \mu = N$$

$$y = -am^N + am + p$$

$$\frac{-a}{-2a} = \frac{1}{\mu}$$

$$\frac{-a}{\mu} + \frac{a}{\mu} + N = \frac{-a}{\mu} + N$$

$$y = Nbm^N - bm - 1$$

$$\frac{b}{-2b} = \frac{1}{\mu}$$

معمولاً در این حالت  $\alpha = -\frac{1}{\mu}$

if  $m = \frac{1}{\mu}$   $y = \frac{a}{\mu} + N - \frac{1}{\mu}b - 1 = \frac{a}{\mu} + N - \frac{1}{\mu}b - 1$

if  $m = \frac{1}{\mu}$   $y = -1 - \frac{1}{\mu}b$

$$p\alpha m^N + pm + \beta = 0$$

$$\frac{p\alpha}{-p\alpha} = \alpha$$

$$\alpha = \pm \frac{1}{\omega}$$

$$-am^N + pm + 1$$

$$\max_{m=\frac{p}{10}}$$

$$am^N + pm + \beta$$

$$\alpha + \beta = -\frac{p}{a}$$

$$y = a(m+1) + 1 = 11a$$

$$-am^N + pm + \beta = 0$$

$$S = \frac{p}{\omega}$$

$$p = a + b - 1 = ab$$

$$ab = a + b - 1$$

$$m^N - (a^N + b^N - 1^N)m + a + b - 1 = 0$$

$$S = \frac{b}{a} = a^N + b^N - 1^N = S^N - Np - 1^N$$

$$p = S - 1$$

$$a + b = a$$

$$S^N - Np - 1 = 0$$

$$(S-a)(S+M) = 0$$