

$m > 0$ $y_{m,n} = \frac{-\Delta}{\epsilon a} s = \frac{1\epsilon\epsilon - r_0 m^r + \epsilon m}{\epsilon m} = r \quad -1\epsilon\epsilon + r_0 m^r - \epsilon m = \Delta m$ $\frac{r_0 m^r - 1\epsilon m - 1\epsilon\epsilon}{r} = 0 \quad \omega m^r - 1\epsilon m - 1\epsilon\epsilon = 0 \quad (\omega m + 1\epsilon)(m - r) = 0$ $\frac{\omega m^r}{\omega} = \frac{1\epsilon}{\omega} \quad \frac{1\epsilon}{\omega} = \frac{1}{\omega}$ $x_s = \frac{-b}{r a} = \frac{-1r}{r m} s \frac{y}{m^r} s r$	6
$\alpha, a, \beta \quad \frac{a}{\alpha} s \frac{\beta}{a} \quad \alpha^r = \alpha/\beta$ $\alpha + \beta = -r(a+1)$ $\alpha\beta s r a - 1 \rightarrow \alpha^r s r a - 1 \quad \alpha^r - r a + 1 s 0 \quad (a-1)^r s 0 \quad a s 1$	7
$x^r, y \quad y^r - v y - \omega = 0 \quad y s \frac{V \pm \sqrt{4q}}{r}$ $x s \pm \sqrt{y} \rightarrow S s 0$ $r p^r + r s p + r s \xrightarrow{S=0} = r p^r$ $r x \left(\frac{V + \sqrt{4q}}{r} \right)^r s \frac{(V + \sqrt{4q})^r}{r} s \frac{r q + 4q + 1\epsilon\sqrt{4q}}{r}$ $= \omega q + v \sqrt{4q}$	8
$x s s \frac{f}{rk} = \frac{r}{k} \quad y s s k x \left(\frac{r}{k} \right)^r - f \left(\frac{r}{k} \right) - y s \frac{f}{k} - \frac{\Lambda}{k} - y s - \frac{f}{k} - y$ $y s s - f x s - f \quad \frac{-f}{k} - y s - f \left(\frac{r}{k} \right) - f \quad \left(\frac{-f}{k} - y = \frac{-\Lambda}{k} - f \right) k$ $x s s = \frac{r}{r} = 1$ $y s s = -f x 1 - f s - \Lambda$ $-f - y k s - \Lambda - f k$ $f - r k = 0$ $k = -f$	9
$-m n^r + m n + 1 = -m - x$ $\frac{-m n^r}{a} + \frac{m n + 1}{a} s 0 \quad \Delta < 0 \quad (m n)^r - f(-m)(1+m) < 0$ $m^r + 1 + r m + f m^r + f m < 0$ $\omega m^r + 9 m + 1 < 0 \rightarrow -1$ $\frac{-c}{a} s \frac{-1}{a} \quad -1 < m < \frac{-1}{\omega}$ له ستر هج و درصحنه نیت	10