

$$y = \frac{(2x^2 - 2x - 1)(2x^2 - 3x - 5)}{1 - x^2}$$

$$D = R - \{\pm 1\}$$

$$y = \frac{(2x+1)(x-1)(x+1)(2x-5)}{(1-x)(1+x)} = (-2x-1)(2x-5) = -4x^2 + 12x + 5$$

$$y_{\max} = -\frac{\Delta}{\epsilon} = \frac{-289}{+2\epsilon}$$

$$y = mx^2 - (m+2)x - 2 = 0$$

$$3S - V = \Delta P$$

$$S = \frac{b}{a} = \frac{m+2}{m}$$

$$P = \frac{c}{a} = \frac{-2}{m}$$

$$\frac{3m+4-Vm}{m} = \frac{-1}{m} \Rightarrow 3m+4-Vm = -1 \Rightarrow -\epsilon m + 14 = 0 \Rightarrow m = \epsilon$$

$$y = \epsilon x^2 - 4x - 2 \xrightarrow{\frac{x^2+P^2}{S^2-P^2}} \left(\frac{\epsilon}{\epsilon}\right)^2 - 2\left(\frac{-1}{\epsilon}\right) = \frac{9}{\epsilon} + 1 = \frac{12}{\epsilon}$$

$$y = x^2 - 5x + 2 = 0$$

$$\frac{\epsilon \alpha + \beta \Delta}{\Delta \beta^2} =$$

$$\beta^2 = S\beta - P \xrightarrow{\times \beta} \beta^3 = S\beta^2 - P\beta = S(S\beta - P) - P\beta \xrightarrow{\times \beta} \beta^4 = S(S\beta - P)\beta - P\beta^2$$

$$\beta^4 = ((S^2 - 2SP + P^2)\beta) - (S^2P - 2SP^2) \xrightarrow{A}$$

$$\alpha = S - P \Rightarrow \epsilon \alpha = \epsilon S - \epsilon P / \Delta \beta^2 = \Delta(S\beta - P)$$

$$\alpha \beta = 2$$

$$\beta = \frac{2}{\alpha}$$

$$\frac{\epsilon S - \epsilon P + A}{\Delta(S\beta - P)} = \frac{9\Delta\beta - 31}{\Delta\beta - 2} = \frac{19(\Delta\beta - 2)}{\Delta\beta - 2} = 19$$

* سر این سوال نابود شد. فقط راه حل دیدم که رانت تریاک وجود دارد بلیه

$$y_1 = ax^2 + bx + c$$

$$y_2 = 2x + 1$$

$$x = 2 \Rightarrow 1\epsilon = \epsilon a + 2b + \epsilon \Rightarrow (\epsilon a + 2b = 1) \times 2 \rightarrow 12a + 6b = 3$$

$$x = -2 \Rightarrow \epsilon = 9a - 2b + \epsilon \Rightarrow (9a - 2b = 0) \times 2 \rightarrow 18a - 4b = 0$$

$$y_1 = x^2 + 2x + c \xrightarrow{x_3 = -\frac{b}{2a} = \frac{-2}{2}} \frac{-2}{2}$$

$$3 \cdot a = 3 \Rightarrow a = 1$$

$$b = 3$$

$$y = 2x^2 + (m+1)x + m + 4 = 0 \Rightarrow 2x^2 + mx + m + 4 = 0 \xrightarrow{\Delta=0}$$

$$m^2 - 8m - 48 = 0 \Rightarrow (m - 12)(m + 4) = 0 \Rightarrow m = 12 \text{ یا } -4$$

تفصیلاً ناچیز سومین است قبول نیست X