

مثال ۱: تابع ریاضی

$$(f(q_1) + g(q_1))^r \rightarrow q_1 - \xi \sqrt{q_1 - \xi} + q_1 + \xi \sqrt{q_1 - \xi} + r \Rightarrow |q_1 + r \sqrt{q_1 - 19(q_1 - \xi)}| = r q_1 + r \sqrt{q_1^2 + 19 q_1 + 19 \xi}$$

$$r q_1 + r |q_1 - 1| \rightarrow r q_1 + r q_1 - 19 = \xi q_1 - 19$$

$$\xi(q_1 - \xi) \sqrt{q_1 - 1} \rightarrow q_1 - \xi \sqrt{q_1 - 1}$$

$$(q_1, y)$$

$$f + g = r \sqrt{q_1 + \xi}$$

$$\frac{g}{f} = \frac{1}{\sqrt{q_1 + \xi}} \Rightarrow \frac{a+b}{- \xi} = \frac{r}{- \xi} = - \frac{1}{\sqrt{q_1}}$$

$$f(0) = \frac{r}{\sqrt{q_1}} \quad \frac{g(0)}{f(0)} = \frac{1}{\sqrt{q_1}} \quad f(r) = - \xi \quad g(r) = 1$$

(۲)

$$f(r q_1) = \left\{ \left(\frac{1}{\sqrt{q_1}}, r \right), \left(\sqrt{r}, -1 \right), \left(r, r \right), \left(-\frac{1}{\sqrt{q_1}}, \xi \right) \right\}$$

(۳)

$$f(q_1^2) = \left\{ (0, r), (\sqrt{r}, -1), (r, r), \left(-\frac{1}{\sqrt{q_1}}, \xi \right) \right\}$$

$$r g'(q_1) = \left\{ (-r, 19), (1, r), (r^2, 9), (-1, 1) \right\}$$

$$\frac{r f}{g} = \left\{ (1, -\xi), (r, -1), \left(-\frac{1}{\sqrt{q_1}}, \xi \right) \right\}$$

(۴)

$$r f(r) = \left\{ (r, 8), (r^2, 0), (-\xi, 9) \right\}$$

$$[q_1] + [-q_1] + 1 \neq 0 \rightarrow [q_1] + [-q_1] \neq -1 \quad q_1 - 1 \neq 0 \quad q_1 \neq 1$$

(۵)



$$[0, r] = \{r\}$$

$$+ \left[-\frac{1}{\sqrt{q_1}} \right]$$

$$\sqrt{r(q_1 - q_1 y^2)}$$

$$r q_1 y q_1^2 \rightarrow q_1^2 - r q_1 y^2$$

$$q_1(q_1 - r) \sqrt{q_1}$$

$$\Delta q_1 - q_1^2 - \xi y^2 \rightarrow q_1^2 - \Delta q_1 + \xi y^2$$

$$\frac{1}{+1 - \frac{1}{\sqrt{q_1}}}$$

$$f(1) \rightarrow 1 - \Delta + \xi = 0$$

$$f(r) \rightarrow 1 - \xi - \xi = 0 \rightarrow r \quad \left\{ (0, \xi), (\sqrt{r}, r), (0, 1) \right\}$$

$$f(1) \rightarrow 1 - 19 - \xi = 0$$

۱۴