

تکلیف ۲۰۰

سید محمد لویسان

$$[-5, 0] \cup [2, 5]$$

(1)

نوع مثبت (پیر) نوع منفی (برعکس)

$$1 + \left(\frac{-x}{x}\right) = 1 - 1 + \frac{1}{x} + x = \frac{1}{x} + x = \frac{1+x^2}{x}$$

$$[-2, 1] \cup [-3, 0]$$

$$11 = 7 + P = (7 - 1, -2, -3, 1, 2)$$

$$L-9$$

$$\{(1, 5), (7, 0), (7, -1), (0, 4)\} = 10$$

$$f(x) - 2f(x) = \frac{1}{x} - \frac{4}{x} + \frac{1}{x} = \frac{2}{x} \Rightarrow f(x) = -\frac{2}{x}$$

$$\left\{ \left(\frac{7}{4}, 0\right), \left(\frac{7}{4}, -1\right), \left(\frac{7}{4}, 1\right) \right\} = \frac{6}{7}$$

$$f(-x) + \frac{1}{x} = \frac{1}{x} + \frac{4}{x} + \frac{1}{x} \Rightarrow f(-x) = 1$$

$$\left\{ \left(\frac{7}{4}, 0\right), \left(\frac{7}{4}, -1\right), \left(\frac{7}{4}, 1\right) \right\} = \frac{6}{7}$$

$$f(1) = 0 \quad f(0) = 2$$

$$f(1) = 0$$

$$v + 1 = 9$$

$$a(n-1)^2 - b(n-1) + 2$$

$$-an^2 - bn + 2$$

$$-2an + (a+b) = bn + 2$$

$$-2a = 4 \Rightarrow a = -2$$

$$-r + b = 2$$

$$b = 0$$

$$a = -2$$

$$-r - a = -1$$

$$\frac{x^{r+1} + \varepsilon n + r + 1}{x^r + r n + r + r} = \frac{(n+r)^r + 1}{(n+r)^r + r} \rightarrow \frac{(\sqrt{r})^r + 1}{(\sqrt{r})^r + r} = \frac{r}{r} = 1$$

$$\frac{x^{r+1}}{x^r} = \frac{x^r}{x^r} + \frac{1}{x^r} = x^r + \frac{1}{x^r} + r - r = \left(x - \frac{1}{x}\right)^r + r$$

$$L\left(x - \frac{1}{x}\right)^r = \left(x - \frac{1}{x}\right)^r + r = f(r) = r^r + r$$

$$f(-r) = 9 + r = 11$$

$$f(u) = \{(r, 0), (1, -r), (0, r), (v, 1)\}$$

$$g = \left\{ \left(r, \frac{1}{\sqrt{r}} \right), \left(1, \frac{-r}{\sqrt{r}} \right), \left(0, \frac{r}{r} \right) \right\}$$

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

$$f(x) = \left\{ (1, 1), (1, 0, r), (r, 0) \right\} \quad f(w+1) = \left\{ (r, r), (r, r), (r, r) \right\} \quad f(w) + 1 = \left\{ (r, r), (r, r), (r, r) \right\}$$

$$f = \{(r, 1), (v, r), (1, 1), (r, r)\} \quad f - g = \{(r, r), (1, r), (r, r)\}$$

$$f = \{(r, 1), (r, -1)\}$$