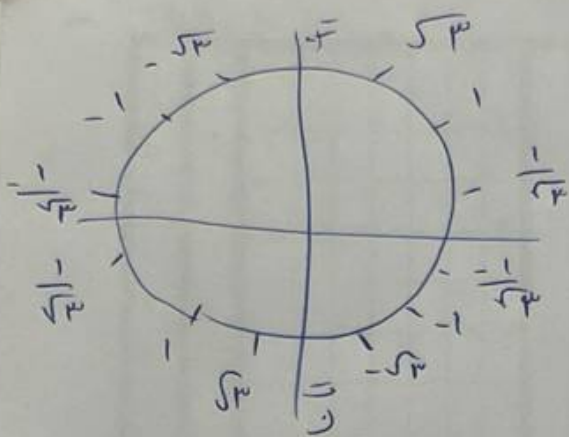


کارهای جدول

(1)



$$a) \frac{1}{2} + (-1) + -2 = -\frac{3}{2} \quad b) \frac{\sqrt{3}}{2} + \frac{\sqrt{3}}{2} - 3\left(\frac{\sqrt{3}}{2}\right) = -\frac{\sqrt{3}}{2}$$

$$c) \frac{-\sqrt{3}}{2} + 3\frac{\sqrt{3}}{2} - \frac{2\sqrt{3}}{2} = \frac{\sqrt{3}}{2}$$

$$d) \cos(0) + \sin(0) = 1$$

$$a^T + \tau a = \tau a + a + \tau a^T + a - \tau a = a_2 - \tau a_{21}$$

$$a) \rightarrow a_{21} \quad f(1) = 0$$

$$m+1 \leq -2$$

$$\begin{cases} m \leq -2 & \tau m^2 - b \\ m \geq -2 & a + \tau m \end{cases} \quad \begin{cases} m \leq -2 & |a-b| \geq a-4 \\ a+b \geq \tau c \end{cases}$$

$$a) m \leq -2 \quad \tau m^2 + \tau m + \tau a =$$

$$m \neq 0, \quad m \neq \pm 2 \quad D \subset \mathbb{R} = \{0, \pm 2\}$$

$$b) \tau m^2 + \tau m^2 + \tau m + \tau a =$$

$$\tau m^2 (m+1) + \tau m (m+1) \quad m \neq -2$$

مقدار 0, 1, 2

$$D \subset \mathbb{R} = \{-2\}$$

$$m^r - 1 > 1, b \quad m^r > 1, 1 \quad m > 1, 1 \quad m < -1 \quad \text{Def } z \in [r, +\infty) \quad (4)$$

$$m - 2 > 1, 0 \quad m > 1, r$$

$$q - km > 1, \quad m < r \quad \rightarrow (1/r, r]$$

$$qm - k > 1, \quad km > 1 \quad m > 1/r$$

$$qm > 1, a \quad m > a/4$$

$$b > 1, km \quad m < b/k$$

$$\frac{a}{4} = \frac{b}{m} = r$$

$$a = 4r \quad b = 4 \quad \frac{b}{a} = 1/r$$

$$r[m] - 2 > 1, 0 \quad r[m] > 1, 2 \quad [m] > 1, r \quad m > r \quad (4)$$

$$r[m] > 0 \quad [m] > r, 0 \quad m > r \quad \begin{matrix} [r, +\infty) \\ [r, +\infty) \end{matrix}$$

$$\frac{-1}{1+r} = \frac{m}{1+r}$$

$$[-1, +\infty) - \{r\}$$

$$\frac{r}{1+r} \quad (-\infty, 1) \quad (10)$$

$$[-1, 1] - \{r\}$$

$$\rightarrow [m] > 1, 2 \quad m > 2$$

$$[m] < r \quad m < r$$

$$\frac{D}{f} = Q$$