

$$\begin{bmatrix} 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ -1 \end{bmatrix} \quad \frac{1 - (-1)}{1 - 1} = -V = m \quad \frac{1+1}{1} = 2 \quad \frac{1-1}{1} = 0 \quad \begin{bmatrix} 1 \\ 1 \end{bmatrix}$$

$$y = ax + b$$

$$1 = \frac{1}{V} \times 1 + b$$

$$b = \frac{1}{V}$$

$$y = \frac{1}{V} x + \frac{1}{V}$$

$$BC \text{ (ضلع)} = \sqrt{(-1 - (-1))^2 + (V - 1)^2} = a$$

$$\begin{bmatrix} -1 \\ V \end{bmatrix} \begin{bmatrix} -1 \\ 1 \end{bmatrix}$$

$$\frac{V - 1}{-1 - (-1)} = \frac{-1}{1} = m$$

$$1 = -1 \times \frac{1}{1} + b$$

$$y = -\frac{1}{1} x + \frac{1}{1}$$

$$1 = 1 \times \frac{1}{1} + b$$

$$b = -\frac{1}{1}$$

$$y = \frac{1}{1} x - \frac{1}{1}$$

$$b = \frac{1}{1}$$

$$-\frac{1}{1} x + \frac{1}{1} = \frac{1}{1} x - \frac{1}{1}$$

$$x = \frac{1}{1}$$

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

$$1 - 1 = 0$$

$$y = -\frac{1}{1}$$

$$1y - x = V$$

$$1y - 1x = 1f$$

$$\frac{|1f - 1|}{\sqrt{1^2 + 1^2}} = \frac{1f}{\sqrt{2}} = \frac{1f}{1\sqrt{2}} = \frac{1}{\sqrt{2}}$$

$$1y - 1x = 1$$

$$1y - 1x = 1$$

$$\frac{1}{\sqrt{2}} \times \frac{1}{1} = \frac{1}{\sqrt{2}}$$

$$S = \frac{1}{\sqrt{2}} \times \frac{1}{\sqrt{2}} \times \pi = \frac{1\pi}{2}$$

$$\frac{1+1}{1} = 2 \quad \frac{1-1}{1} = 0 \quad \begin{bmatrix} 1 \\ 1 \end{bmatrix} = m \quad \sqrt{(1-1)^2 + (1-1)^2} = \sqrt{1} = \overline{AM}$$

$$\frac{1}{1} \quad \frac{1}{1}$$

$$\frac{1-1}{1-1} = -1$$

$$1 = 1x - 1 + b \quad b = 1$$

$$y = -x + 1$$

$$-1 = -1 \times 1 + b$$

$$y = x - 1$$

$$-x + 1 = x - 1$$

$$x = 1$$

$$x = \frac{1}{1}$$

$$y = \frac{1}{1}$$

$$\sqrt{\left(\frac{1}{1} - 1\right)^2 + \left(\frac{1}{1} - 1\right)^2} = \frac{1\sqrt{2}}{1} = \overline{AH}$$

$$\frac{1\sqrt{2}}{1} - \sqrt{2} = \frac{1\sqrt{2}}{1}$$

$$b = -1$$

$$(a-m)y = (1-m)x + 1$$

$$a = \frac{1-m}{a-m}$$

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

$$am^2 - 1m + 1 = 0$$

$$\Delta < 0$$

از آنجا که $\Delta < 0$ معادله

$$(1-m)y = (m+1)x + 1$$

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

$$1m - 1m^2 + 1 - 1m = 1m^2 - 1m + 1 = 0$$

$$am^2 - 1m + 1 = 0$$

