

$$(4) A = \mu x - 1 = \frac{\mu}{\mu} - \frac{1}{\mu} x \rightarrow \frac{\omega}{\mu} x = \frac{\omega}{\mu} \rightarrow x = 1 \rightarrow y = 1$$

$$B = \frac{\mu}{\mu} - \frac{1}{\mu} x = \varepsilon x \rightarrow x = \omega \rightarrow y = -1$$

(1, 0)

$$C = \varepsilon x = \mu x - 1 \rightarrow \mu x = \omega \rightarrow x = \frac{\omega}{\mu} \rightarrow y = \frac{\mu}{\mu}$$

$$M = \frac{1}{\mu} \rightarrow AM = \sqrt{\frac{\varepsilon^4}{q} + \frac{1}{q}} = \frac{\omega \sqrt{\mu}}{\mu}$$

$$AM = \frac{|1+1-\mu|}{\sqrt{\mu}} = \sqrt{\mu}$$

$$m_{BC} = 1 \rightarrow y = x - 1$$

$$m_{AH} = -1 \rightarrow y = -x + \mu \rightarrow H = x - 1 = -x + \mu \rightarrow x = \varepsilon \rightarrow y = \mu$$

$$AH = \sqrt{\mu^2 + \mu^2} = \mu\sqrt{2} \rightarrow \frac{AM}{AH} = \frac{\frac{\omega \sqrt{\mu}}{\mu}}{\mu\sqrt{2}} = \frac{\omega}{\mu\sqrt{2}}$$

$$(V) m = -\frac{1}{\mu} \rightarrow y = \frac{1}{\mu}x + C \xrightarrow{x=\mu} x + \mu y - \mu C = 0$$

$$x = 0 \rightarrow \mu y = \mu C \rightarrow y = C \rightarrow (0, C)$$

$$y = 0 \rightarrow x = \mu C \rightarrow (\mu C, 0)$$

$$d = \frac{|1(0) + \mu(0) - \mu C|}{\sqrt{1 + \mu^2}} = \frac{|-\mu C|}{\sqrt{2}} = \sqrt{2} \rightarrow |\mu C| = \sqrt{2} \Rightarrow C = \frac{\sqrt{2}}{\mu}$$

$$\mu C = 1 \rightarrow C = \omega \rightarrow \sqrt{(1-\omega)^2 + (\omega-\omega)^2} = \sqrt{1-2\omega}$$

$$\mu C = \omega \rightarrow C = \varepsilon \rightarrow \sqrt{(1-\varepsilon)^2 + (\varepsilon-\omega)^2} = \sqrt{1-2\omega}$$

$$(9) \xrightarrow{B(\mu_0)} \mu = \frac{\mu + x'_B}{\mu} \rightarrow x'_B = \mu$$

(6)

$$- \mu = \frac{0 + y'_B}{\mu} \rightarrow y'_B = -\varepsilon \frac{\mu + y}{\mu} = -\varepsilon \frac{\mu + y}{\mu} \rightarrow x = \mu$$

$$\left. \begin{array}{l} \frac{\mu + y}{\mu} = -\varepsilon \rightarrow y = -\varepsilon \mu \\ \frac{\mu + y}{\mu} = -\varepsilon \rightarrow y = -\varepsilon \mu \end{array} \right\} \rightarrow m_{AB} = \mu \quad y = \mu - 1$$

$$(1) m = -1 \rightarrow y - \mu = -(x - 1) \rightarrow y = -x + \mu$$

$$M = -x + \mu = x + \omega \rightarrow x = -\mu \rightarrow x = -1 \rightarrow y = \varepsilon$$

$$M = \frac{1+1}{\mu} = -1 \rightarrow \mu = -\mu$$

$$\frac{\mu + \mu}{\mu} = \varepsilon \rightarrow \mu = \mu$$

$$\mu b - a = 1 + \mu = 1 + \omega$$

(5)

$\delta, \gamma \omega$

$$\frac{d}{1} + x \frac{b}{1} p_2 - (m-x) \frac{3}{1} = 1 - p_2$$

$$\frac{b}{1} \rightarrow c, m$$

~~scribbled out text~~

$$h = s - \frac{t}{1k} = m$$

$m(m, 1)$