

$$y - x = \sqrt{w}(x - k) \rightarrow y = x\sqrt{w} + (-k\sqrt{w} + y)$$

$$AB = \sqrt{\underbrace{(y+1)^2}_a + \underbrace{(x-k)^2}_b}$$

$$= \omega$$

$$\leftarrow \omega \leftarrow y$$

$$wx + ky - w = 0 \quad \frac{x + y}{y + w} \rightarrow \frac{|y + 1 - w|}{\sqrt{|y + a|}}$$

$$\omega \leftarrow y$$

$$= \frac{1\omega}{\omega}$$

$$= w$$

$$xm + y = y, \quad kx + y = 1 \rightarrow xm + y = k$$

$$\omega \leftarrow y$$

$$\frac{c + c'}{y} \Rightarrow xm + y = \frac{y + k}{y} = \omega \rightarrow xm + y = \omega$$

$$kx + y - 1 = 0, \quad xm + y - y = 0$$

$$x(xm + y - k) = 0$$

$$\leftarrow \omega \leftarrow w$$

$$\frac{|c - c'|}{\sqrt{a^2 + b^2}} = \frac{y}{\sqrt{k + a}}$$

$$= \frac{y\sqrt{k}}{1w}$$

$$v_n - vy = 1 \rightarrow v_n - vy - 1 = 0$$

$\leftarrow K$

$$v_n + vy = v \rightarrow v_n + vy - v = 0$$

$$\frac{|v_n - vy - 1|}{\sqrt{1 + K}} = \frac{|v_n + vy - v|}{\sqrt{1 + K}} \rightarrow$$

$$|v_n - vy - 1| = |v_n + vy - v| \rightarrow v_n - vy - 1 = v_n + vy - v$$

$$n + v = \omega y \rightarrow y = \frac{1}{\omega} n + \frac{v}{\omega} \rightarrow -n + \omega y - v = 0$$

$$v_n - vy - 1 = -v_n - vy + v$$

$$\rightarrow y - v = -\omega n \rightarrow y + \omega n - v = 0$$

$$\tan \alpha = \frac{|\vec{m} - \vec{m}'|}{|1 + mm'|} = \frac{v + v'}{1 - vv'} = \frac{\omega}{\omega'} = 1$$

$\leftarrow \omega$

$$\rightarrow \alpha = \frac{v \omega'}{1 - vv'} \rightarrow \alpha = \frac{v \omega'}{1 - vv'}$$

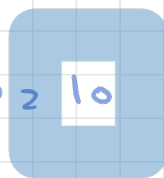
$$B \begin{vmatrix} -\omega \\ \kappa \end{vmatrix}$$

$$A \begin{vmatrix} \kappa \\ -\nu \end{vmatrix}$$

$$\begin{matrix} \leftarrow \omega \leftarrow \nu \end{matrix}$$

$$\sqrt{\underbrace{(\kappa + \omega)}_{\kappa \leftarrow \omega} + \underbrace{(-\nu - \kappa)}_{\kappa \leftarrow \nu}}$$

$$\approx \sqrt{100} \approx 10$$



$$\mathcal{M}\left(\frac{\kappa_1 + \kappa_2}{\nu}, \frac{y_1 + y_2}{\nu}\right)$$

$$\leftarrow \omega \leftarrow \nu$$

$$\rightarrow \kappa_m \approx \frac{\kappa - \omega}{\nu} \approx -1$$

$$y_m \approx \frac{\kappa - \nu}{\nu} \approx 1$$

$$\left. \vphantom{\begin{matrix} \kappa_m \\ y_m \end{matrix}} \right\} \mathcal{M}(-1, 1)$$

$$\frac{-10 + \kappa - \nu}{\kappa} \approx \kappa \approx -\kappa$$

$$\frac{-1\nu + \kappa + 1}{\kappa} \approx y \approx -\kappa$$



$$\rightarrow (-\kappa, -\kappa)$$

$$\leftarrow \omega \leftarrow \nu$$



$$\begin{Bmatrix} 1 \\ -1 \\ -10 \\ -13 \\ 1 \end{Bmatrix} \rightarrow \frac{1}{1} (1 \cdot 10 + 1 \cdot 1 + 1 \cdot 1 + 1 \cdot 1 + 1 \cdot 1) = 19 + 1 + 10 + 13 = 44$$

$\leftarrow \text{دسته 1}$

$$y = -\left(\frac{1n+1}{1n-1}\right) \rightarrow y = \frac{-1n-1}{1n-1}$$

$\leftarrow \text{دسته 1}$
تبدیل

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

$\leftarrow \text{دسته 1}$
تبدیل

$$n = \frac{1y+1}{1y-1} \rightarrow y = -\left(\frac{-1n-1}{1n-1}\right) \Rightarrow$$

$\leftarrow \text{دسته 1}$

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

$$\frac{v}{n_1 + v} \rightarrow y' + v = \frac{v(n' + v) + 1}{(n' + v) - v} = \frac{vn' + v}{n'}$$

$$y' = \frac{vn' + v - vn'}{n'} \Rightarrow y' = \frac{v}{n'}$$

$$vn + vy = v$$

$\leftarrow \frac{v}{n} \leftarrow 10$

$$n - \omega y = 1 \rightarrow n = \omega y + 1$$

$$vn + vy = v \rightarrow 1\omega y + v + vy = v \rightarrow 1\omega y = -1 \rightarrow y = -\frac{1}{\omega}$$

$$n = \omega y + 1 = 1 - \frac{1}{\omega}$$

$$\rightarrow n = 1 - \frac{1}{\omega}, y = -\frac{1}{\omega}$$

$$n_2 = \frac{\begin{vmatrix} b' & c' \\ b' & c' \end{vmatrix}}{\begin{vmatrix} a & b' \\ a' & b' \end{vmatrix}} = -\frac{v+10}{-10+v} = \frac{10}{10}$$

$\leftarrow \frac{v}{n} \leftarrow 10$

$$y = \frac{\begin{vmatrix} a & c' \\ a' & c' \end{vmatrix}}{\begin{vmatrix} a & b' \\ a' & b' \end{vmatrix}} = \frac{v-v}{-10} = -\frac{1}{10}$$

$$n = 1 - \frac{1}{\omega}, y = -\frac{1}{\omega}$$

