

$$\begin{cases} 3y - a + x + r = 0 \\ xy - x - y = 0 \\ 3y - x + r = 0 \\ (xy - x + 1 = 0) \end{cases}$$

(r) *debris*

$$\frac{d}{dx} \frac{1 - \sqrt{1-x^2}}{\sqrt{1-x^2}} = \frac{1}{\sqrt{1-x^2}}$$

$$\frac{1}{\sqrt{1-x^2}} = \frac{1}{r\sqrt{1-x^2}} = \frac{1}{r}$$

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

$$\begin{cases} xy - a + x + r = 0 \\ xy - a + x + r = 0 \end{cases} \quad d = \frac{1}{\sqrt{1-x^2}} - \frac{1}{\sqrt{1-x^2}} \quad S = x \times \frac{1}{\sqrt{1-x^2}} \times \frac{1}{\sqrt{1-x^2}}$$

(3)

$$m = \frac{1}{r} = -1 \quad m \mid \frac{1}{r} \quad H \mid \frac{1}{r}$$

$$m \mid \frac{1}{r} = \sqrt{\frac{1}{r^2}} = \sqrt{\frac{1}{r^2}}$$

(y)

$$y = -x + b \quad m \mid \frac{1}{r} = 1$$

$$1 = -x + b$$

$$b = 0$$

$$y = x + b$$

$$-y = -1 + b$$

$$b = r$$

$$y = x + r$$

$$\begin{cases} -x + b - y = 0 \\ m - r - y = 0 \\ x - b + y = 0 \end{cases}$$

$$r - m - y = 0$$

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

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

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

$$\frac{y}{r} - r = y \rightarrow y = \frac{c}{r}$$

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

$$\frac{r - r_m}{a - m} = \frac{-r_m + c}{m + 1}$$

(8)

$$(m+1)(r - c_m) = (-r_m + c)(a - m)$$

(y)

$$r_m^r - 1c_m + r_0 = -r_m^r - m + r$$

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

$$m^r - 1c_m + r_0 = 0$$

(debris)

$$\Delta < 0 \quad 144 - 4(9.0) < 0$$

$$\begin{cases} rx - y - 1 = 0 \\ x + ry - c = 0 \\ 3x - ry - r = 0 \end{cases} \quad \frac{1}{r} \quad x = \frac{r}{r} \quad A(1,1)$$

(4)

$$\frac{3x - ry - r = 0}{x = 0} \quad m = 0 \quad AH = \sqrt{r}$$

$$2x = 0 \quad 1 + ry = c \quad B_2(0, -1)$$

$$x = 1 \quad ry = r \quad y = 1 \quad C\left(\frac{a}{r}, \frac{r}{r}\right)$$

$$x + ry - c = 0$$

$$x + y - 3 = 0$$

$$-x - ry + c = 0$$

$$-y - 1 = 0 \quad y = -1$$

$$\frac{y}{c} + y = 3 \quad y = \frac{1}{c} - \frac{3}{c} = \frac{1}{c}$$

$$AH = \sqrt{14} = 3$$

$$\frac{AH}{AH} = \frac{1}{1} = 1$$

$$y = \frac{2}{m}x + r$$

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

$$x = - (0.5x)$$

$$(1-m)x + r = \frac{2}{m}x + r$$

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

$$m - m - 2 = 0$$

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

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

$$h = r$$

$$S = \left(\frac{1}{r} \mid \frac{r}{1-m} + \frac{m}{r} \right) = \frac{0}{r}$$

$$\frac{r}{1-m} + \frac{m}{r} = \frac{0}{r} \rightarrow m = c$$

$$\frac{r}{1-m} + \frac{m}{r} = -\frac{0}{r}$$

$$m = \pm \sqrt{0} + r$$

$$-r = m \pm \sqrt{0} - r$$

$$y = rx - c$$

$$A \mid c$$

$$y = ax + b$$

$$-v = rx + b$$

$$b = -a$$

$$y = rx - a$$

$$y = rx - a$$

$$A \mid c$$

$$y = ax + b$$

$$-v = rx + b$$

$$b = -a$$

$$y = rx - a$$

$$rb - a = 1r - (c) = 10$$

$$A \mid c$$

$$y = ax + b$$

$$-v = rx + b$$

$$b = -a$$

$$y = rx - a$$

$$m = -1$$

$$y = -x + b$$

$$-1 + b = r$$

$$b = r$$

$$y = -x + r$$

$$x - y + r = 0$$

$$x - y + r = 0$$

$$x - y + r = 0$$

$$A \mid c$$

$$MA = \sqrt{r^2 + c^2} = 0$$

$$m_R = r$$

$$m_{AH} = -r$$

$$\begin{cases} rx - 11 - y = 0 \\ -\frac{1}{r}x + \frac{c}{r} - y = 0 \end{cases}$$

$$y = rx + b \rightarrow -11$$

$$-1 = 10 + b$$

$$b = -11$$

$$y = 1$$

$$y = -\frac{1}{r}(11) + b$$

$$b = \frac{c}{r}$$

$$y = ax + b$$

$$y = -\frac{1}{r}x + A_{y0}$$

$$-\frac{1}{r}x + \frac{c}{r} - y = 0$$

$$A = \sqrt{r^2 + c^2} = 0$$

$$\sqrt{\frac{1}{r^2} + 1}$$

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

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

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

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

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

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

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

Subject:

Year:

Month:

Date: 14/10/20

خواص، تغییرات و شیب خطوط

$$m_{CH} = \frac{1}{v}$$

$$H = \frac{c}{1}$$

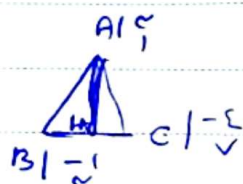
$$\frac{1}{v}x + b = y$$

$$\frac{c}{v} + b = 1$$

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

$$m_{AB} = \frac{\Delta y}{\Delta x} = \frac{1c}{-2} = -\frac{c}{2} \quad (1)$$

$$\begin{cases} x = \frac{c}{2} + y = c \\ y = \frac{1 + y}{2} = \frac{1}{2} \end{cases}$$



$$m_{BC} = \frac{\Delta y}{\Delta x} = \frac{c}{-2}$$

$$y = ax + b$$

$$v = -\frac{c}{2}a + b$$

$$v = -\frac{c}{2}x + \frac{c}{2} + b \rightarrow b = v - \frac{1c}{2} = \frac{c}{2}$$

$$y = -\frac{c}{2}x + \frac{c}{2}$$

$$y = ax + b$$

$$\frac{c}{2}x + b = 1$$

$$m_{AH} = \frac{c}{2}$$

$$y = \frac{c}{2}x - \frac{c}{2}$$

$$b = -\frac{c}{2}$$

$$\begin{cases} -\frac{c}{2}x + \frac{c}{2} - y = 0 \\ \frac{c}{2}x - \frac{c}{2} - y = 0 \end{cases}$$

$$\frac{c}{2}x - \frac{c}{2} + y = 0$$

$$BC = \sqrt{14 + 9} = 5$$

$$5 - 2 = 3$$

$$\frac{50}{12}x = \frac{50}{12} \rightarrow x = \frac{5}{6}$$

$$-\frac{c}{2}\left(\frac{5}{6}\right) + \frac{c}{2} = y$$

$$-\frac{5c}{12} + \frac{c}{2} = y$$

$$\frac{-5c + 6c}{12} = \frac{c}{12}$$

$$= \frac{c}{12} = \frac{1}{12}$$

نقطه برخورد

$$\begin{vmatrix} \frac{5}{6} \\ -\frac{5}{6} \end{vmatrix}$$

A/C

$$AH = \sqrt{\frac{54}{10} + \frac{49}{10}} = 2$$