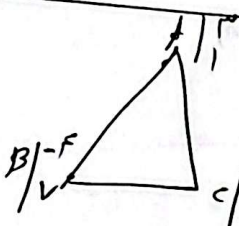


$$m_{AB} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{1F}{-r} = -\frac{F}{r} \Rightarrow \text{شیب } m = +\frac{1}{V} \Rightarrow \text{معادله خط } \frac{y - y_1}{y_2 - y_1} = \frac{x - x_1}{x_2 - x_1} \Rightarrow \frac{y - 1}{0 - 1} = \frac{x - 0}{-r - 0} \Rightarrow y - 1 = \frac{x}{r} \Rightarrow y = \frac{x}{r} + 1$$



$$\Rightarrow d_{BC} = \sqrt{(4a)^2 + (4b)^2} = \sqrt{r^2} = r \Rightarrow \text{دور } BC = 0$$

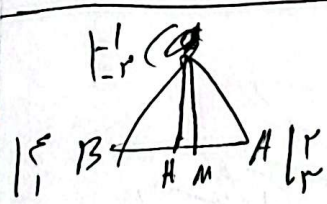
$$\text{معادله خط } BC = \frac{y - y_1}{y_2 - y_1} = \frac{x - x_1}{x_2 - x_1} \Rightarrow \frac{y - 0}{1 - 0} = \frac{x - r}{0 - r} \Rightarrow y = -\frac{x - r}{r} \Rightarrow y = -\frac{x}{r} + 1$$

$$-F \cdot r + 0 = 0 \Rightarrow -\frac{F}{r} \cdot r + 0 = 0 \Rightarrow -F + 0 = 0 \Rightarrow F = 0 \Rightarrow BC \text{ بی‌شکل} \Rightarrow \text{شیب } -1 \Rightarrow \frac{y - 0}{1 - 0} = \frac{x - r}{0 - r} \Rightarrow y = -\frac{x - r}{r} \Rightarrow y = -\frac{x}{r} + 1$$

$$\text{معادله خط } BC = \frac{y - y_1}{y_2 - y_1} = \frac{x - x_1}{x_2 - x_1} \Rightarrow \frac{y - 0}{1 - 0} = \frac{x - r}{0 - r} \Rightarrow y = -\frac{x - r}{r} \Rightarrow y = -\frac{x}{r} + 1$$

$$F_g = 2m - 1F = 0 \Rightarrow \frac{F}{F} = \frac{r}{a} \Rightarrow a = r$$

$$F_g = 9m - 2r = 0 \Rightarrow \text{بزرگترین } = \frac{r}{\frac{r}{\sqrt{r^2 + r^2}}} = \frac{r}{\frac{r}{\sqrt{2}}} = \frac{r}{\sqrt{2}} = \frac{r}{1.414} = r \Rightarrow \text{شیب } = \frac{r}{r} = 1 \Rightarrow \frac{y - 0}{1 - 0} = \frac{x - 0}{0 - 0} \Rightarrow y = 1$$



$$m_{AB} = \frac{r}{-r} = -1 \Rightarrow \text{شیب } CH = 1 \Rightarrow \frac{y - y_1}{y_2 - y_1} = \frac{x - x_1}{x_2 - x_1} \Rightarrow \frac{y - 0}{1 - 0} = \frac{x - r}{0 - r} \Rightarrow y = -\frac{x - r}{r} \Rightarrow y = -\frac{x}{r} + 1$$

$$AB \text{ بی‌شکل} = -r + 0 = -r$$

$$AB, CH \text{ موازی} \Rightarrow A - r = 0 \Rightarrow r = r$$

$$AB \text{ در } M \Rightarrow M \left| \frac{r + r}{r} \right| = M \left| \frac{r}{r} \right|$$

$$\text{معادله خط } M \left| \frac{r + r}{r} \right| = \sqrt{\left(\frac{r}{r}\right)^2 + \left(\frac{1}{r}\right)^2} = \frac{1}{r} \sqrt{r^2 + 1} = \frac{\sqrt{r^2 + 1}}{r}$$

Scanned with CamScanner

$$mg_1 = F a = r m$$

$$g r + m a = a + r$$

-1

$$g_1 = \frac{F}{m} a + r$$

$$g r = a (1-m) + r$$

$$g_1 = g r$$

$$\Rightarrow \frac{F}{m} (a) + r = a (1-m) + r$$

$$\Rightarrow \frac{F}{m} (a) = (a) (1-m) \Rightarrow a = 0$$

اگر $a=0$ باشد
نیکی تیار است
میزبانی در طولانی نیست

$$g = r$$

$$\frac{F}{m} (a) + r = r \quad (2)$$

$$a = 0 \Rightarrow g = r \Rightarrow (2)$$

$$g = 0 \Rightarrow g = a (1-m) + r \Rightarrow a = \frac{r}{1-m}$$

$$g = 0 \Rightarrow g = \frac{F}{m} a + r \Rightarrow a = \frac{-m}{r}$$

$$\left| \frac{r}{1-m} - \left(\frac{-m}{r} \right) \right| \times r \times \frac{1}{r} = \frac{d}{r}$$

$$\Rightarrow \frac{m^2 - m + F}{r m - r} = \frac{d}{r}$$

$$\left| \frac{F r m^2 - m}{r m - r} \right| = \frac{d}{r}$$

$$m^2 - m + F = d m - d \Rightarrow m^2 - m + F = (m - r) \Rightarrow m = r \quad (3)$$

$$\Rightarrow \frac{m^2 - m + F}{-r m + r} = \frac{d}{r}$$

$$m^2 - m + F = -d m + d \Rightarrow m^2 + F m - 1 \Rightarrow p = \frac{F}{a} = d$$

$$r x - 1 = -r$$

میزبانی در طولانی

نہ خط ہوگی

$$\frac{-1}{2} = -\frac{1}{2}a + b = g$$

$$M|_{-2} \Rightarrow -1 \stackrel{+b}{=} -2 \Rightarrow h = -1 \Rightarrow \text{ماری فوڈو} : -\frac{1}{2}a - 1 = g$$

ماری فوڈو

$$\frac{-1}{2}a - 1 = 2a - 2, 2.0a + 2 = 1 \Rightarrow a = \frac{4}{5}$$

$$\frac{4}{5} \quad \frac{-14}{10}$$

$$M|_{-2} \Rightarrow \begin{vmatrix} \frac{4}{5} & -14 \\ -1 & 10 \end{vmatrix} = \begin{vmatrix} 1 & 2 \\ 0 & -2 \end{vmatrix} \Rightarrow \begin{vmatrix} 1 & 2 \\ 0 & -2 \end{vmatrix} \Rightarrow \begin{vmatrix} 1 & 2 \\ 0 & -2 \end{vmatrix}$$

نسبت بہ خط است، (دراستی) نہ خط باقی نہانی جو اراستہ خط

$$g = 2a + b$$

$$-2.4 = 2(2.4) + b \Rightarrow b = -9.6 \Rightarrow \text{ماری فوڈو} = 2a - 9.6 = g$$

$$d = g = a + d$$

$$\frac{d}{a} = -1 \Rightarrow g = -a + b$$

$$A|_{-2} \Rightarrow 2 = -1 + b \Rightarrow b = 3 \Rightarrow \text{ماری فوڈو} = g = -a + 3$$

$$\text{ماری فوڈو} = -a + 3 = a + d = 2a - 2 \Rightarrow a = -1 \Rightarrow \begin{vmatrix} 2 & -1 \\ 0 & 2 \end{vmatrix}$$

$$A|_{-2} \Rightarrow \begin{vmatrix} 2 & -1 \\ 0 & 2 \end{vmatrix}$$

$$\begin{vmatrix} 2 & -1 \\ 0 & 2 \end{vmatrix}$$

$$2b - a = 2 \times 6 + 2 = 10$$