

$A(4, -4) \quad B(2, 1) \rightarrow m_{AB} = \frac{1-(-4)}{2-4} = -5 \rightarrow m$ مماس بر منحنی ۲ و ۱
 $AB \perp M \rightarrow m_M = \frac{m_A + m_B}{r} = 3$ مماس ۲ و ۱
 $y_M = \frac{y_A + y_B}{r} = 1$ مماس ۲ و ۱
 $M \mid 3$
 $y - 1 = 3(x - 2)$
 $y = 3x - 5$
 $Vy = x + 4$

$BC \text{ طول} = \sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2} \Rightarrow BC \text{ طول} = \sqrt{(-1-4)^2 + (2-4)^2} = 5$
 $m_{BC} = \frac{y_2 - y_1}{x_2 - x_1} \Rightarrow m_{BC} = \frac{4}{-3} \Rightarrow BC \text{ موازی} \Rightarrow y - 2 = -\frac{4}{3}(x + 1)$
 $BC \text{ موازی} \Rightarrow y = -\frac{4}{3}x + \frac{10}{3} \Rightarrow BC \text{ موازی} = 3y + 4x - 10 = 0$ فاصله نقطه از خط
 $AH \text{ طول} = \frac{|am + by + c|}{\sqrt{a^2 + b^2}} = \frac{|1 \cdot y_0 + 4x_0 - 10|}{\sqrt{3^2 + 4^2}} \Rightarrow \frac{|3 + 12 - 10|}{5} = \frac{5}{5} = 1$
 $BC - AH = 5 - 1 = 4$

$xy - x - 2 = 0$ نقطه
 $xy - 2x - 2 = 0$ نقطه
 $a = 2 \Rightarrow xy - 2x - 12 = 0 \Rightarrow xy - 2x - 12 = 0$
 $d = \frac{|12 - 2|}{\sqrt{1^2 + 1^2}} = \frac{10}{\sqrt{2}} = 5\sqrt{2}$
 $S = \pi r^2 \rightarrow \pi \times \left(\frac{4}{\sqrt{2}}\right)^2 = \frac{16\pi}{2} = 8\pi$

$m_{AB} = \frac{y_B - y_A}{x_B - x_A} \Rightarrow m_{AB} = \frac{1 - (-4)}{2 - 4} = -5 \rightarrow AB \text{ موازی} \Rightarrow y - 1 = -5(x - 2)$
 $y = -5x + 11$
 $m_{AH} \rightarrow m_{AB} = 1 \rightarrow CH \text{ موازی} \Rightarrow y + 3 = 1(x + 1) \Rightarrow y = x - 2$
 $y = -5x + 11$
 $y = x - 2$
 $xy = 3 \rightarrow y = \frac{3}{x} \quad x = \frac{3}{y}$
 $M = \frac{x_A + x_B}{r} = \frac{4 + 2}{3} = 2$
 $y_M = \frac{y_A + y_B}{r} = \frac{-4 + 1}{3} = -1$
 $MH = \sqrt{\left(\frac{1}{3}\right)^2 + \left(\frac{1}{3}\right)^2} = \frac{1}{3}\sqrt{2} = \frac{\sqrt{2}}{3}$

$m_1 = \frac{m - 2}{m - 5}$
 $m_2 = \frac{m + 1}{2m - 4}$
 $\frac{m + 1}{2m - 4} = \frac{-m + 5}{2m - 4} \Rightarrow -2m^2 + 11m - 20 = -2m^2 + 14m - 20$
 $-2m^2 + 11m - 20 = -2m^2 + 14m - 20$
 $3m - 20 = 0 \Rightarrow m = \frac{20}{3}$
 $\Delta < 0$

$$A_M: \sqrt{\left(\frac{V}{P}\right)^2 + \left(\frac{1}{P}\right)^2} = \frac{\sqrt{W}}{P} = \frac{W \sqrt{P}}{P} \Rightarrow \frac{A_M}{A_H} = \frac{W \sqrt{P}}{\sqrt{P}} = \frac{W}{1}$$

$$y = -\frac{1}{r}x + B \Rightarrow 2y + x - 2B = 0 \rightarrow d = \frac{|-2B|}{\sqrt{5}} = \sqrt{2} \Rightarrow \begin{matrix} -2B \geq 1 \rightarrow B \leq -\frac{1}{2} \\ 2B \geq 1 \rightarrow B \geq \frac{1}{2} \end{matrix}$$

$$B \left| \begin{smallmatrix} 0 \\ -\omega \end{smallmatrix} \right. \rightarrow y = -\frac{1}{r}x - \omega \Rightarrow A \left| \begin{smallmatrix} -1 \\ 0 \end{smallmatrix} \right. \Rightarrow AB = \sqrt{1 + \omega^2} = \omega \sqrt{\omega}$$

$$B \mid \omega \rightarrow y = -\frac{1}{\nu} \pi + \omega \Rightarrow A = \begin{pmatrix} 1 \\ 0 \end{pmatrix} \Rightarrow AB = \sqrt{1 + \omega^2} = \sqrt{1 + \omega^2} = \boxed{\omega \sqrt{\omega}}$$

$$\begin{aligned} -Kx + my = -Y \Rightarrow y &= \frac{K}{m}x + \frac{Y}{m} \\ (m-1)x + y = Y \Rightarrow y &= -(m-1)x + Y \end{aligned} \Rightarrow \begin{aligned} \frac{K}{m}x + \frac{Y}{m} &= -(m-1)x + Y \\ \frac{K}{m}x + (m-1)x &= Y - \frac{Y}{m} \\ x \left(\frac{K}{m} + m - 1 \right) &= Y \left(1 - \frac{1}{m} \right) \\ x &= \frac{Y(m-1)}{K + m(m-1)} \end{aligned}$$

طول (زیر) $\Rightarrow x = \frac{r_m}{F} = -\frac{1}{r} m$
 هر دو مقدار $\Rightarrow z = \frac{r}{m-1}$
 قابل کنی $\Rightarrow \frac{p}{m-1}$

$$S = \frac{0.6 \times 1}{r} = \frac{\omega}{r} \Rightarrow 0.6 \times \{ \text{تسارع } \omega = r \times \left| \frac{\Sigma m \cdot r_m}{r_m - r} \right| \Rightarrow \left| \frac{\Sigma m \cdot r_m}{m - 1} \right| \cdot \omega$$

$$A \begin{vmatrix} 0 \\ -1 \end{vmatrix} \quad B \begin{vmatrix} 1 \\ -1 \end{vmatrix}$$

برقع الزین صفا را ایوب و سبت به نفعی ۸۸ قرینه می بینم.

$$\Rightarrow \begin{aligned} x_A' &= \gamma_{\beta} x_M - \gamma_{\beta} x_A \Rightarrow x_A' = \gamma_{\beta} x_M - \gamma_{\beta} x_A \\ y_A' &= \gamma_{\beta} y_M - \gamma_{\beta} y_A \Rightarrow y_A' = \gamma_{\beta} y_M - \gamma_{\beta} y_A \end{aligned}$$

$$\begin{aligned} \kappa_{B'} &= \kappa - 12\kappa \\ \partial_{B'} &= -\kappa + 1 = -\kappa \end{aligned} \quad B' \mid \begin{matrix} \kappa \\ -\kappa \end{matrix}$$

$$A' \begin{vmatrix} 1 & 1 \\ -1 & -1 \end{vmatrix} \left\{ \begin{array}{l} \frac{1}{5N, 60} \\ \text{و } 10 \text{ و } 10 \end{array} \right. \Rightarrow M A' B' = \frac{1}{1} \quad \text{و } 9$$

$$m_{AH} = -1 \rightarrow y - r_2 - 1(m-1)$$

$$y_2 = x + y$$

مقاله‌ی شما در مورد فلک و نذرینده از A. احمدی - م. م.

$$\begin{pmatrix} y_{2m+\omega} \\ y_{2-m+\omega} \end{pmatrix} \xrightarrow{\text{gl.}} \begin{pmatrix} y_2 \wedge y_2 \\ y_2 \wedge y_{-1} \end{pmatrix} M \begin{pmatrix} -1 \\ 1 \end{pmatrix}$$

$\pi A' = \gamma_{MM} \cdot \pi A \rightarrow -2 - 12 - 3$ $\boxed{A' \mid -3}$ A اسبب $\sim M$ قرينه A' است $\bar{A} =$
 $\gamma A' = \gamma_{YM} \cdot \gamma A \rightarrow 1 - 2 - 4$ $\boxed{A' \mid 4}$

$$r_{b-a} \rightarrow r_1 y + r_2 \boxed{1d}$$