

نیچر صحف دھیریاں B | A س: (۱۹۹۰-۱۹۹۱) دکن رائزنگ (۱۹۹۱)

Y.

✓ Q

-4

$$\begin{cases} m = 15x \\ m = -x \end{cases}$$

④

— 100

$\checkmark -1 \times \rightarrow n = \frac{-V}{r}$ (y)

✓ -1 x

12

$$\frac{\partial}{\partial \mathbf{r}} \left(\frac{1}{r} \right) = -\frac{\mathbf{r}}{r^3}$$

④

- 43

$$\begin{cases} t^9 + t^r - 1 = 0 \end{cases} \xrightarrow{x=t^r} x^r - t^r - 1$$

Q

$$r x^r - a x + r \xrightarrow{\omega \rightarrow \frac{1}{r}} r B, B \Rightarrow S = \frac{a}{r} - f B$$

$$P = B \times r B \times r B^r = \frac{r}{r} \Rightarrow B^r = \frac{1}{r} \Rightarrow B = \pm \frac{1}{r}$$

(y)

$$\Rightarrow S = r B = \frac{a}{r} \rightarrow r \times \frac{1}{r} = \frac{1}{r} = \frac{B}{r} \Rightarrow B = 1$$

$$\downarrow r \times \frac{-1}{r} = -\frac{1}{r} = \frac{a}{r} \Rightarrow a = -1$$

$$\left. \begin{array}{l} \Rightarrow S = r B = \frac{a}{r} \\ \downarrow r \times \frac{-1}{r} = -\frac{1}{r} = \frac{a}{r} \Rightarrow a = -1 \end{array} \right\} 1 - (-1) = 2$$

$$y = a x^r + (r+a)x \xrightarrow{\text{مشتق}} \frac{a}{r} x^{r-1} + r \xrightarrow{a > 0} x = -\frac{r+a}{a} \Rightarrow -\frac{r}{a} < x < 0$$

$$(a > 0) \cap (-\frac{r}{a} < x < 0) \rightarrow \text{مستقيم}$$

(y)

$$y = x^r + a x - r, y = -x^r - r x + b \quad \frac{-a}{r} = -1 \Rightarrow a = r$$

$$\left. \begin{array}{l} x^r + a x - r = 1 \\ -x^r - r x + b = 1 \end{array} \right\} \begin{array}{l} -r + b = r \Rightarrow b = r \\ ab = r + r = 1 \end{array}$$

(y)

$$r x^r - a x + b = 0$$

$\alpha + 0/a, \beta + 0/a$
مشتق

$$r x^r + a x - r \quad \alpha, \beta$$

$\frac{r}{\omega}, \frac{a}{\omega}$
مشتق

$$\alpha + \beta = -\frac{1}{r}$$

$$\alpha \beta = \frac{-r}{r} = -\frac{r}{a}$$

-9

$$(\alpha + 0/a)(\beta + 0/a) = \frac{c}{a} = \frac{b}{r} \Rightarrow \alpha + \beta + 0/a(\alpha + \beta) + 0/r a = \frac{b}{r}$$

$$\Rightarrow b = \frac{r}{a} \Rightarrow \left[\frac{ab}{r} \right] = \left[\frac{1 \times (-r)}{r} \right] = \left[-\frac{r}{r} \right] = -1$$

(y)

$$\left. \begin{array}{l} x^r + r x + m \\ x^r + r x - r m \end{array} \right\} -r x - r m = 0 \Rightarrow x = -m$$

$$\boxed{-a \text{ مشترك}}$$

$$-m^r - r m + m = -r m \Rightarrow 0, \omega$$

$$x^r - r x + \omega \rightarrow (x+1)(x+\omega)$$

$$x^r - r x - 1 \rightarrow (x+\omega)(x-r)$$

(y)

$$\text{اختلاف غير مشترك} = r - (-1) = r$$