



4000

$$2 \left\{ 128(x-a)^6 + 432a(x-b)(x-a)^4 - 729a^3(x-b)^3 = 0 \right.$$

$$\uparrow x-a \left\{ 2 \cdot 128(x-a)^5 + 4 \cdot 144a(x-a)^4 + 4 \cdot 144a(x-b)(x-a)^3 - \frac{3}{2} \cdot 729a^3(x-b)^2 = 0 \right.$$

$$\begin{cases} 4(x-a)^2 = \alpha \\ 9a(x-b) = \beta \end{cases}$$

$$144a(x-a)^5 + 4 \cdot 144a(x-b)(x-a)^4 - 729a^3(x-a)(x-b)^2 + 2 \cdot 729a^3(x-b)^3 = 0$$
  
$$2\alpha^3 + 3 \cdot \alpha^2 \beta - \beta^3 = 0$$

$$16a(x-a)^5 - 32a(x-b)(x-a)^4 - 81a^3(x-a)(x-b)^2 + 2 \cdot 81a^3(x-b)^3 = 0$$

$$16a(x-a)^4 [x-a-2(x-b)] - 81a^3(x-b)^2 [x-a-2(x-b)] = 0$$

$$16(x-a)^4 = 81a^2(x-b)^2$$
  
$$4(x-a)^2 = \pm 9a(x-b)$$
  
$$2\alpha^3 + 3\alpha^2\beta - \beta^3 = 0$$

$$(\alpha^2 + 2\alpha\beta + \beta^2)(2\alpha - \beta) = 0$$
  
$$4x^2 - 8ax + 4a^2 + 9ax - 9ab = 0$$
  
$$4x^2 - 8ax + 9ax - 9ab = 0$$
  
$$4x^2 - x^2 - 8ax + 9ax - 9ab = 0$$
  
$$3x^2 - x^2 - 8ax + 9ax - 9ab = 0$$
  
$$2x^2 - 8ax + 9ax - 9ab = 0$$
  
$$2x^2 - x^2 - 8ax + 9ax - 9ab = 0$$
  
$$x - a = 1(x - 2b)$$
  
$$x = 2b - a$$
  
$$(4x\beta)^2 (2\alpha - \beta) = 0$$
  
$$x - a = 2(x - b)$$

$$4(x-a)^2 = 9a(x-b)$$

$$128 \cdot 2^6 + 432a \cdot 2^4(x-b)^2 - 729a^3 = 0$$

$$\pm 2 \cdot 9^3 \beta^2 + 27 \cdot 81 \beta - 729 = 0$$

Nella risposta indicare il numero e la data della presente.

$$\pm 2 + 3 - 1 = 0$$

$$4(x-a)^2 + 9a(x-b) = 0$$

$$4x^2 + 9ax + 4a^2 - 9ab = 0$$

$$x = \frac{-9a \pm \sqrt{81a^2 - 16(4a^2 - 9ab)}}{8}$$

OGGETTO

N.

Dir.

Sec.

Risposta al

del

DIREZIONE DELLE POSTE E DEI TELEGRAFI DI



Mod. 167-D - (Edizione 1904).

16-ab-91