

المعادلة الخطية
المعادلة التربيعية
المعادلة التكعيبية

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$$\log_{mn}^m = b \Rightarrow \log_{mn}^m + \log_{mn}^m = 1 + \frac{a}{1+a} = \frac{1+a+a}{1+a} = \frac{1+2a}{1+a}$$

$$[1+a] \log_{mn}^m = \frac{1+2a}{1+a} \Rightarrow \log_{mn}^m = \frac{1+2a}{a+1} \quad [b] = \left[\frac{1+2a}{1+a} \right] = 1$$

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$$D_f = (0, 1)$$

$$(x-1)(x+1) > \frac{+1}{+} \frac{+1}{+} \frac{+1}{+} \Rightarrow I(-\infty, -1) \cup (1, +\infty)$$

$$I \cap II = (-\infty, -1) \cup (1, +\infty) \Rightarrow \{x \mid x < -1 \text{ or } x > 1\}$$

3

$$\log_a^a + \log_a^a = 2 \Rightarrow \log_a^a + \log_a^a = 2 \Rightarrow \log_a^a = 1 \Rightarrow a = 1$$

$$\frac{1}{\log_a^a} + \log_a^a = 2 \Rightarrow \frac{1}{\log_a^a} + \log_a^a = 2 \Rightarrow \log_a^a = 1 \Rightarrow a = 1$$

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$$(\log^{\frac{1}{2}})^x + (\log^{\frac{1}{2}})^x = 2 \Rightarrow \log^{\frac{1}{2}} = 1 \Rightarrow x = 2$$

$$(\log^{\frac{1}{2}})^x - \log^{\frac{1}{2}} = 0 \Rightarrow \log^{\frac{1}{2}} = 1 \Rightarrow x = 2$$

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$$\log^{\frac{1}{2}} = 0, 1 \Rightarrow \log^{\frac{1}{2}} = 1 \Rightarrow x = 2$$

$$\log^{\frac{1}{2}} = 1 \Rightarrow \log^{\frac{1}{2}} = 1 \Rightarrow x = 2$$

$$\frac{\partial}{\partial \lambda} \left[\frac{\lambda^2}{2} - \lambda \right] = 0$$

$$-3ax + bx + \frac{1}{x}C = 0 \quad \rightarrow \quad \underline{bx = b+C} \quad \rightarrow \quad \underline{y = \frac{b+C}{b}}$$

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