

$$\text{ma } a, b, c \quad a \quad b \quad c \quad a \quad b \quad c \quad a+b+c=0 \quad abc=1 \quad \text{ma } a, b, c \quad \sqrt[3]{4}$$

$$\text{ma } a, b, c = a \quad a+b+c=0 \quad abc=1 \quad a > 0 \quad b < 0 \quad c < 0$$

$$a = -b - c \quad a = \frac{1}{bc} \quad a^3 = a^2 \quad a = \frac{(b+c)^2}{bc} = \frac{b^2 + c^2 + 2bc}{bc} \quad \frac{2bc + 2bc}{bc} = 4$$

$$b = c \quad a \sqrt[3]{4} \quad \text{ma } a, b, c \sqrt[3]{4}$$

$$a > 0 \quad b < 0 \quad c < 0 \quad (-b) + (-c) \quad 2\sqrt{(-b)(-c)} \quad a \quad 2\sqrt{\frac{1}{a}}$$

$$a \sqrt[3]{4}$$

$$b+c = -a \quad bc = \frac{1}{a} \quad b \quad c \quad x \quad x^2 + ax + \frac{1}{a} = 0$$

$$f(x) = x^2 + ax + \frac{1}{a} \quad x = -\frac{a}{2} < 0 \quad f(0) = \frac{1}{a} > 0$$

$$f(x) = 0 \quad \Delta = a^2 - \frac{4}{a} \quad 0 \quad a \sqrt[3]{4}$$

$$a+b+c=0 \quad b = -a-c \quad abc=1 \quad ac^2 + a^2c + 1 = 0 \quad c$$

$$\Delta = a^4 - 4a \quad 0 \quad a \sqrt[3]{4}$$

$$abc=1 \quad c = \frac{1}{ab} \quad a+b+c=0 \quad a+b + \frac{1}{ab} = 0 \quad a = (-b) + \frac{1}{ab} \quad 2\sqrt{\frac{1}{a}}$$

$$a \sqrt[3]{4}$$

$$b^2 + c^2 = a^2 - 2bc = a^2 - \frac{2}{a} \quad b+c = -a$$

$$b^2 + c^2 = \frac{(b+c)^2}{2} \quad a^2 - \frac{2}{a} = \frac{a^2}{2} \quad a = \sqrt[3]{4}$$

$$-b = \sqrt{a^2 - \frac{2}{a}} \quad -c = \sqrt{a^2 - \frac{2}{a}} \quad 0, \frac{\pi}{2}$$

$$a = -b - c = \sqrt{a^2 - \frac{2}{a}} (c + b) = \sqrt{2} \sqrt{a^2 - \frac{2}{a}} \quad a = \sqrt[3]{4}$$

$$\text{ma } a, b, c = a \quad a + b + c = 0 \quad abc = 1 \quad a > 0 \quad b < 0 \quad c < 0$$

$$a = \sqrt[3]{4} \quad a^3 = 4, \quad a^3 = 4abc \quad a^2 = 4bc$$

$$b + c = -a \quad (b+c)^2 = 4bc \quad (b-c)^2 = 0$$