

برعبر

1.15 (1.15.1)

.1

$$m = -1$$

$$a - b + c = 9$$

$$d = -\frac{1}{r} = (b - 1)$$

$$m, r$$

$$\Rightarrow 1a + 1d = -1$$

$$9a + 1d + c = 1$$

$$-\frac{b}{r} - 1 = 1b + r$$

$$a = -\frac{1}{r}$$

$$a - b + c = 9 \rightarrow -\frac{1}{r} + 1 + c = 9$$

$$\frac{1}{r} + c = 9 \rightarrow c = \frac{10}{r} \Rightarrow -\frac{m}{r} - m - \frac{10}{r} = 0$$

$$\Delta: m^2 - 10m - 10 = 0$$

$$9r + 10r + 20 = \frac{m + 10}{r} \rightarrow m = -10$$

$$-\frac{b}{r} = 0 \Rightarrow -\frac{10}{r} = 0 \Rightarrow m = 0$$

$$\frac{c}{a} = 0 \Rightarrow \frac{10}{-10} = 0 \Rightarrow m = -10$$

$$\frac{1 - 2m}{r} = \frac{r}{r - m} \Rightarrow 4m^2 - 10m + 9 = 0 \Rightarrow 4m^2 - 20m - 10 = 0$$

1.15

$$A = 20, B = 10$$

$$m = \frac{w + 9}{r}$$

$$\frac{1}{r} = \frac{1}{m} \Rightarrow m = r$$

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

$$A + B = \frac{1}{m} + \frac{1}{m} + \frac{w}{m} + \frac{w}{m}$$

$$m_1 + m_2 = 1 \quad m_1 m_2 = 6 \quad m_1 + \frac{1}{m_2} = A$$

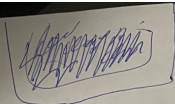
$$\Rightarrow \frac{m_1 + m_2}{m_1 m_2} = \frac{1}{m_1 m_2} \Rightarrow \frac{1}{6} = \frac{1}{r} \Rightarrow \frac{w}{r} = \frac{1}{r} \Rightarrow AB = \left( \frac{1}{m_1} + \frac{1}{m_2} \right) \left( \frac{1}{m_1} + \frac{1}{m_2} \right)$$

$$\Rightarrow m_1 m_2 = -9 \Rightarrow m_1 + m_2 = (m_1 + m_2)^2 - m_1 m_2 = 1 - (-9) = 10$$

$$a = 5, b = 10$$

$$AB = \frac{1}{r} = 9 - 9 = \frac{-20}{r}$$

$$-Fm = \frac{1}{r} = \frac{1}{m + 10}$$



$$\frac{(\sqrt{m^2 + 1} + \sqrt{m^2 - 1})(\sqrt{m^2 - 1})}{\sqrt{m^2}}$$

$$= \sqrt{m} \left| m - (1 + m) = m^2 - m - 1 = 0 \right|$$

$$P \propto \beta \rightarrow \alpha \propto \frac{1}{\beta} \rightarrow \alpha \propto \frac{1}{\beta} \rightarrow \beta \propto \frac{1}{\alpha}$$

$$S \propto \beta \rightarrow \alpha \propto \frac{1}{\beta} \rightarrow \beta \propto \frac{1}{\alpha}$$

$$m = -t \quad G(t) \propto (t) \quad (t + \alpha) = \alpha t^2 + \alpha t$$

$$t) \propto \frac{(t + \alpha)^2}{da} \quad \min \quad S \rightarrow -\frac{t + \alpha}{a} \rightarrow \frac{t + \alpha}{a} \rightarrow \frac{t}{a} \rightarrow -\frac{t}{a} < 0 \rightarrow \text{min}$$

minimale  $\rightarrow$  nicht positiv  $\rightarrow$  also 0

$$\frac{-b}{2a} \quad \frac{-b}{2a} = \frac{-\frac{1}{a}}{2 \cdot \frac{1}{a}} = -\frac{1}{2} \cdot a \cdot \frac{1}{a} = -\frac{1}{2}$$

$$m^2 + m - 1 = 0 \quad \checkmark$$

$$m \cdot h = 1 \quad b = 1$$

$$\frac{a}{v} + \frac{a}{v} = 1 \quad \frac{a}{v} + \frac{1}{v} = 1 \quad \frac{a}{v} = \frac{1}{v} \rightarrow a = 1$$

$$\frac{b}{v} = 1 \quad \frac{a}{v} = \frac{1}{v} \rightarrow \frac{1}{v} = \frac{1}{v} \rightarrow \frac{1}{v} = \frac{1}{v}$$

$$\left. \begin{matrix} \mathcal{H}_A = \mathcal{P} + \mathcal{Z} \\ \mathcal{H}_B = \mathcal{K} + \mathcal{R} \end{matrix} \right\} \mathcal{H}_P = \mathcal{H}_B = \mathcal{Z} - \mathcal{K}$$

$\mathcal{Z}, \mathcal{P}, \mathcal{A}, \mathcal{M}, \mathcal{K}, \mathcal{R}, \mathcal{N}$  ...

$$\left. \begin{matrix} \mathcal{H}_A = -9 \\ \mathcal{H}_B = -9 \end{matrix} \right\} \mathcal{Z} = \mathcal{K} = -9$$