

(10/1, 1, 2)

2. 8000 €

11/18

Bsp. 11/18

$$a^2 + 14a - 96 = a^2 + 14a, a^2 - 96 \Rightarrow 14a = -96 \quad (2) \quad -1$$

~~11/18~~ $\left. \begin{aligned} & a_1 = 1 + b \rightarrow b_1 = 1 \\ & a_2 = \frac{c+a}{c-b}, a_2 = 1 \end{aligned} \right\} = \{1\} \quad (2) \quad -2$

~~11/18~~

$$f(x) = \frac{5x+1}{x^2+4x-1} \Rightarrow \frac{5x+1}{x^2+4x-1} \quad (2) \quad -5$$

$$-f(-1) + a(-1) + b(-1) \Rightarrow -9 - a - b = 0 \Rightarrow a + b = -9$$

$$a^2 + 14a - 96 = 0 \Rightarrow a^2 + 14a - 96 = 0$$

$$a^2 + 14a - 96 = 0 \Rightarrow a = -1$$

$$a^2 + 14a - 96 = 0 \Rightarrow a^2 + 14a - 96 = 0 \quad (2) \quad -1$$

$$2) a = -1$$

$$\Delta = 14^2 - 4 \cdot (-96) = 196 + 384 = 580$$

$$a = \frac{-14 \pm \sqrt{580}}{2} = -7 \pm \sqrt{145}$$

$$m^2 + 14m - 96 = 0 \Rightarrow m \in (-9, 1) \cup (1, 19) \rightarrow -9 < m < 1$$

$R = (-\frac{1}{r}, \frac{1}{r})$

$r = \frac{1}{m} > 0$

$\frac{1}{r} \quad \frac{1}{r}$
+ | - | r

$-\frac{1}{r} < \frac{1}{r}$

$m^r \neq 0 \rightarrow m \neq 0$

$a > 0 \Rightarrow m > 0$

$A > 0 \Rightarrow \epsilon m^r - \epsilon m_{20} \Rightarrow \epsilon m(m-1) > 0$

$A < 0 \Rightarrow \epsilon m^r - \epsilon m_{20} \Rightarrow \epsilon m(m-1) < 0$

$\epsilon m_{20} - A \Rightarrow m \in [0, 1]$

$\epsilon m_{20} \Rightarrow \epsilon m - 1 < 0 \Rightarrow \epsilon m + 1 = 1 + \frac{1}{m} > 0$

$\epsilon m + k = \epsilon m + 1 \Rightarrow m = \frac{1}{\epsilon}$

~~$f(x) = \dots$~~
 $g(x) = \dots$

$f(x) = \dots$
 $g(x) = \dots$

$(m+r) | m \dots$
 $r^m + r^r = \dots$