



$$\frac{bm + r}{\Lambda m + b} = c \Rightarrow m = \frac{-bc + r}{\Lambda c - b} = c \Rightarrow \Lambda c^2 - bc = -bc + r$$

$$\Rightarrow \Lambda c^2 = r \Rightarrow c^2 = \frac{r}{\Lambda} \Rightarrow c = \pm \frac{1}{r} \Rightarrow \frac{b+r}{\Lambda+b} = \frac{1}{r}$$

$$\frac{b+r}{\Lambda+b} = \frac{1}{r} \xrightarrow{c=\frac{1}{r}} mb + r = \Lambda + b \Rightarrow b = r$$

$$\xrightarrow{c=-\frac{1}{r}} mb + r = -\Lambda - b \Rightarrow mb = -1r \Rightarrow b = -r$$

$$-r = \frac{-1}{r} \times r \quad c = -\frac{1}{r} \quad a = \frac{1}{r} \quad m \neq -\frac{1}{r} \quad \Leftarrow \neq \Lambda m + r \quad \Leftarrow$$

$$r = \frac{1}{r} \times -r \quad \left(\frac{1}{r}\right) \quad a = \frac{1}{r} \quad c = m \neq \frac{1}{r} \quad \Leftarrow \Lambda m \neq r \quad c = \Lambda m - r \neq 0 \quad \Leftarrow$$

(در نتیجه می توانیم با  $r$  یا  $-r$  باشد)

$$f = \{(-1, 2), (1, 4), (3, 2), (5, 0)\} \quad g = \{(-1, 2), (1, 4), (3, 2), (5, 0)\}$$

$$\Rightarrow \frac{fg}{f+g} = \{(-1, 4), (1, 1), (3, 3)\}$$

$$a \rightarrow -1, d = -1$$

$$3 \times (-1) - 2b = 1 \Rightarrow -3 - 2b = 1 \Rightarrow -2b = 4 \Rightarrow b = -2$$

$$-1 - (-4) = +3 = c$$

$$-1 + 2 = \textcircled{-3}$$

$$m = a \Rightarrow f(m) = b = \sqrt{-a^2 + a - m}$$

$$\Rightarrow a + \sqrt{-a^2 + a - m} \Rightarrow a + b$$

$$\text{if } m = a \Rightarrow \frac{r}{-c} = \frac{a}{b} \Rightarrow b = c = 0$$

$$\Rightarrow \frac{r}{m} = \frac{r_m + a}{m(m+4)} \Rightarrow \frac{r(m+4)}{m(m+4)} = \frac{r_m + a}{m(m+4)}$$

$$\Rightarrow r_m + 1r = r_m + a \Rightarrow a = 1r$$

$$a + b + c = 1r + a + a = \textcircled{1r}$$