

(1) b, c باقی ماند

مثال: $a, b, c \rightarrow r b = a + c$

مثال: $b, \frac{a}{r}, \frac{c}{\varepsilon} \rightarrow \frac{a r}{\varepsilon} = \frac{b c}{\varepsilon} \rightarrow a r = b c$

$\Rightarrow r b = a + 1 \rightarrow r a r = a + 1 \rightarrow a \rightarrow 1$
 $\rightarrow \frac{1}{r}$

✗ $\frac{a}{r}$ و $\frac{c}{\varepsilon}$ باقی ماند

$a r = b$

مثال: $b, \frac{1}{\varepsilon}, \frac{1}{\varepsilon} \rightarrow r r = 1$
 $r = 1$

(2) a, c باقی ماند

مثال: $a, b, c \rightarrow b r = a c \rightarrow b r = a$

مثال: $r b, r a, c \rightarrow r a = r b c \rightarrow r a = r b \rightarrow r b r = r a$
 $b = \frac{r}{\varepsilon} \quad a = \frac{a}{r}$

مثال: $\frac{a}{r}, \frac{r}{\varepsilon}, \frac{r}{\varepsilon} \rightarrow \frac{a r}{\varepsilon} = \frac{r r}{\varepsilon}$
 $r = 1$

$\frac{a r}{(a r)^r} + \frac{a r}{(a r)^r} = r \rightarrow \frac{a r^0}{a r^r r^r} + \frac{a r}{a r^r} = r \rightarrow \frac{r^r}{a r} + \frac{a r}{a r^r} = r$

(3)

$\frac{r^r + a r}{a r^r} = r \rightarrow r a r - a r - r^r = 0 \rightarrow (r a + r)(a - r) = 0$
 $\rightarrow a = r$
 $\rightarrow r a = -r \rightarrow r = -r a$

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

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

(4)

$a r = \sqrt{a \varepsilon} \rightarrow a r^r = a \varepsilon \rightarrow a r^r \varepsilon = a r^r \rightarrow a r^2 = 1$

$a_0 = r \rightarrow a r^r = r \rightarrow 1 \times r^r = r \rightarrow r^2 = r \rightarrow a = \frac{1}{r}$

$\frac{1}{r} - a_1 = \frac{1}{r} - \frac{1}{r} = \frac{1}{\varepsilon}$