

$$a^r + r a s a^{r-1} \rightarrow r a s - \Sigma \rightarrow a s - r \quad (1)$$

$$g(x) s (x+b)^{\frac{r+s}{r}} \rightarrow b s - 1 \rightarrow g(x) \neq x - 1 \quad (2)$$

$$f(x) s \frac{x^r + a}{r x - b} s \frac{x^r + a}{r x + 1} s \frac{x^r}{r} s \frac{x + a}{x + 1} s \Sigma \rightarrow \frac{x + a}{a} s \Sigma \rightarrow a s \Sigma$$

$$f(1) s \frac{1+1}{r+1} s \frac{1}{r} s \Sigma$$

$$r x^r + r a x + b \rightarrow r x s - 1 \quad x - a + b s \rightarrow b - a s - r \quad (3)$$

$$\rightarrow r x s \Sigma \quad r r + r a x + b s \rightarrow b + r a s - r r$$

$$\rightarrow b + r a - b r a s \rightarrow a s - r \rightarrow a s - r \quad b s - r + a \quad b s - 1$$

$$\rightarrow f(x) s \frac{f(x)}{f(x) - 1} \rightarrow f(1) s \frac{a}{1-r}$$

$$r s - 1 \rightarrow -r - a + b s \rightarrow b - a s - r \rightarrow b s - r + a \quad (4)$$

$$-r x^r + r a x + b \Delta s \rightarrow a^r + 1 + b s \rightarrow a^r + 1 + a + r s \rightarrow (a+1)^r s$$

$$\rightarrow a s - 1 \rightarrow b s - r \quad a + b s - 1 r$$

$$\Delta (x) \rightarrow m^r - r(x) \rightarrow (m-r)(m+r)(x) \rightarrow \frac{-r r}{+r-r} \rightarrow (-r, r) \quad (5)$$

$$r - \frac{1}{n^r} \geq 0 \rightarrow r \geq \frac{1}{n^r} \rightarrow \frac{r n^r}{n^r} \geq \frac{1}{n^r} \rightarrow r n^r \geq 1 \rightarrow n^r \geq \frac{1}{r} \quad (6)$$

$$\rightarrow n \geq \frac{1}{r} \leq n \leq \frac{1}{r} \quad \left[ \frac{1}{r}, +\infty \right) \cup \left( -\infty, -\frac{1}{r} \right]$$

$$\Delta s f m^r - f m s f m (m-1) \rightarrow \frac{1}{+r-r} \Delta (x) \quad (7)$$

$$x s \frac{1}{r} \rightarrow 1 + 1 s r + r \rightarrow k s 0 \quad (8)$$

$$r a - 1 s \rightarrow a s \frac{1}{r} \quad \left. \begin{array}{l} m > 0 \\ a + k s \frac{1}{r} \end{array} \right\}$$

$$r s - \frac{r}{r} \rightarrow -r a + r s - r + b \rightarrow b + r a s \leq \frac{b s^r}{a s r} \quad (9)$$

$$r s 1 \rightarrow \frac{a - r}{r + r} s 1 s r + b \rightarrow b s - r$$

$$a - b s r + r s a$$

$$r s r \rightarrow r a^r + r a s r \rightarrow a^r + a - r s \rightarrow (a+r)/(a-1) r e$$

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