

$$u_8 = 1 \rightarrow -r \rightarrow x \frac{1}{p} \rightarrow \left(-\frac{1}{p} \right)$$

$$y_8 = r \rightarrow x - r \rightarrow +1 \rightarrow -v$$

$$\rightarrow \alpha \beta = \left(\frac{v}{r} \right)$$

V

$$Dg(n+1) \Rightarrow -1 \leq n+1 < b \rightarrow -r \leq n < b-1$$

$$Df(n-1) \Rightarrow a < n-1 \leq r \rightarrow a+1 \leq n \leq a$$

$$(a+1, b-1) = (-r, a)$$

$$a+1 - b+1 = a-b+r = -v \\ \Rightarrow \boxed{a-b = -v}$$

Λ

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γ

$$Df(n) = [-a, 11]$$

$$[-r, a]$$

$$Rf(n) = Rf\left(\frac{n}{2}+1\right)$$

sub

$$R = \sqrt{|r Rf(n) - r|} = [1, \sqrt{a}]$$

q

$$g(n) = \left| \frac{n-r+1}{r(n-r)+1} \right| + 1 = \left| \frac{n-1}{rn-r} \right| < n$$

$$\left\{ \begin{array}{l} \frac{n-1}{rn-r} < -n \rightarrow \frac{rn^2 - rn + n - 1}{rn - r} < 0 \rightarrow \frac{rn^2 - rn - 1}{rn + r} \end{array} \right.$$

