

$$f(r-n) \geq f(n+1)$$

$$f(n+r) \rightarrow n+r, t \Rightarrow \boxed{n, t-r}$$

$$f(n) = \begin{cases} r(t-r)+1 & t-r \geq 1 \\ \varepsilon(t-r)-1 & t-r < 1 \end{cases}$$

$$\rightarrow f(n) = \begin{cases} rn-1 & n \geq r \\ \varepsilon n-1 & n < r \end{cases}$$

$$f \circ f < f(n^r) \rightarrow \left(\left((n^r + n)^r + (n^r + n)^r \right)^r < (n^r + n^r)^r \right)$$

$$\Rightarrow (n^r + n)^r \left((n^r + n)^r + 1 \right) < n^r (n^r + 1) \Rightarrow n > n^r + n \Rightarrow \boxed{n < 0}$$

منه جواب