$$\frac{2x-1}{t-1}=\frac{1}{2}$$

$$\frac{\rho}{\rho} > 2 \implies \frac{\rho - q}{\rho} > 1$$

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$$\frac{\rho}{\rho} > 2 \implies \frac{\rho}{\rho} > 2 \implies \frac{\rho}{\rho$$

Induction h.

$$\frac{K}{N} \in \mathcal{K}$$
 for $y \in \mathbb{N}$ (x)
 $\frac{K}{N} \in \mathcal{K}$ for $y \in \mathbb{N}$ (x)
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 $\frac{K}{N} \in \mathcal{K}$ for $y \in \mathbb{N}$
 $\frac{K}{N} \in \mathcal{K}$ for $y \in \mathbb{N}$
 $\frac{N}{N} \in \mathcal{K}$ for $y \in \mathbb{N}$
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 $\frac{N}{N} \in \mathbb{N}$ for $y \in \mathbb{N}$
 $\frac{N}{N} \in \mathbb{N}$
 $\frac{N}{$

$$\frac{y}{h_0} + t = \frac{t_{0} + h}{h_0} + t$$

$$\frac{y}{h_0} + t = \frac{t_{0} + h}{h_0}$$

$$k = t_{0} + h$$

$$g(f(u)) = g(u) - y$$
Find all possible value of $f(D)$

$$f(y) = g(u) - y$$

$$f(y) = g(u) - y$$

$$f(D) = g(u) - y$$

tale (minul value of g(m)

m \$ 0

tale g(m) - mind value of 8

What of the minal value is taken for some m # 0.2,

$$g(f(a)) = g(a) - 4$$

$$g(f(0)) = g(0)$$
Awal
$$f(0) = 0$$

$$\begin{cases}
f(0) & \text{is normal} \\
f(0) & \text{otherwise}
\end{cases}$$

P13)
$$n \ge 3$$

$$a_2, a_3, \dots, a_n \in \mathbb{R}_+$$

$$a_2 a_3, \dots, a_n = 1$$

$$a_{k+1} - (a_{k} + \frac{1}{k-1} + \dots + \frac{1}{k-1})$$

$$An - GM$$

$$k \sqrt{a_{k}} \cdot \frac{1}{(k-1)^{k-1}}$$

$$a_{k} + 1 > k \sqrt{a_$$

$$a_{2} = 1$$
 $a_{3} = \frac{1}{2}$
 $a_{4} = \frac{1}{3}$
 $a_{5} = \frac{1}{3}$
 $a_{7} = \frac{1}{3}$

$$\min_{i=1...n} \left(x_i^2 + x_{j+1}^2 \right) \leq \max_{j=1...n} \left(2x_j x_{j+1} \right)$$

$$\frac{4}{3} - \frac{4}{3}$$

u mbeer'
add nucles.

there are to conscustive of the said sign Why.

There are to conscustive of the said sign Why.

$$(x_j+1-y_j)(x_j+7-y_j+1) \ge 0$$
 $(x_j+1-y_j)(x_j+7-y_j+1) \ge 0$

PNPN . - - - - P $\times_{\int} \leq \times_{\int} +1 \leq \times_{\int} +1$

PNPN PNPN NPNP NPNF