$$f(b) \longrightarrow \begin{cases} f(0), f(T), f(2T), ..., \\ f(nT), ... \end{cases}$$

$$f(nT), ... \end{cases}$$

$$[f(nT)]_{n=0}^{\infty}$$

$$Z[f(b)] = Z\{f(nT)\}$$

$$= \sum_{n=0}^{\infty} f(nT) \neq^{-n} \\ db_{n=n} = \sum_{n=0}^{\infty} e^{-bb} f(b) db$$

$$= \sum_{n=0}^{\infty} e^{-bn} f(nT) T$$

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$$= \sum_{n=0}^{\infty} f(nT) \neq^{-n} f(nT)$$

$$\frac{95}{4} \left[\sum \{i\} \right] = \frac{(5-i)_5}{(5-i)_{(1)} - 5(i)} = \frac{(5-i)_5}{-1}$$

$$\therefore \ \ \, 2\left\{ u_3^2 - \frac{5}{-1} \left[\frac{(5-1)_3}{-1} \right] = \frac{5}{(5-1)_3} \, .$$

$$=-2\frac{1}{44}\left[\frac{2}{(2-1)^2}\right]$$

$$=-5\left[\frac{(5-1)_{t}}{(5-1)_{z}(1)-55(5-1)}\right]$$

3)
$$z\{n\alpha^{3}\} = -\frac{1}{2} \frac{4}{4\pi} \left[\frac{1}{2} - \frac{1}{4\pi} \right]$$

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$$= -\frac{1}{2} \left[\frac{(2-\alpha)^{2}}{(2-\alpha)^{2}} \right]$$

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$$= -\frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} \right] \right] \right]$$

$$= -\frac{1}{2} \frac{1}{4\pi} \left[\frac{1}{2} - \frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right] \right] \right]$$

$$= -\frac{1}{2} \frac{1}{4\pi} \left[\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right] \right]$$

$$= -\frac{1}{2} \frac{1}{4\pi} \left[\frac{1}{2} - \frac{1}{2} -$$

By property,
$$\frac{1}{2} = \frac{1}{2} =$$

Sol:

Let
$$f(n-1) = \frac{1}{n-1}$$
.

Sol:

 $f(z) = \frac{1}{n+1-1} = \frac{1}{n}$.

By Property,

 $f(z) = \frac{1}{n+1-1} = \frac{1}{n}$.

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1.e., $f(z) = \frac{1}{n+1-1} = \frac{1}{n}$.

Soli
Soli

$$Z \{ a^{n-1} \} = a^{n-1}$$

 $Z \{ a^{n-1} \} = \frac{z}{z^{-1}}$
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$$\frac{(5-1)_{3}}{(5-1)_{3}} = \frac{(5-1)_{3}}{(5-1)_{3}}$$

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