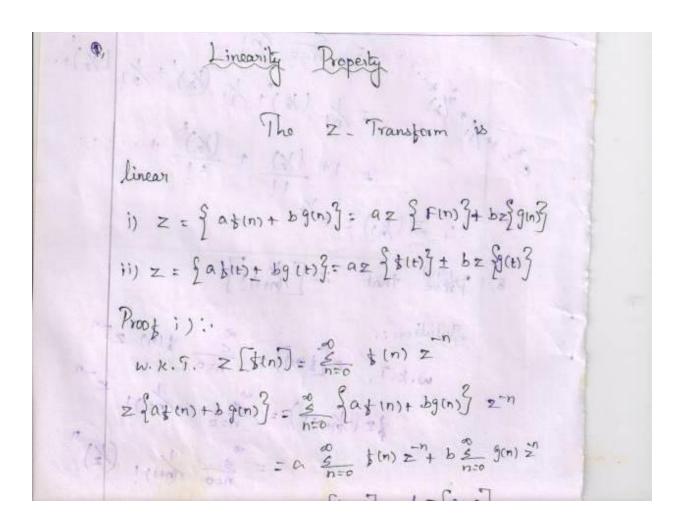


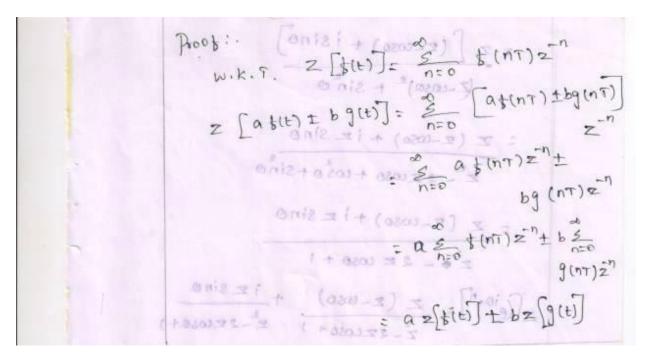


TOPIC 3: Elementary Properties of Z transforms













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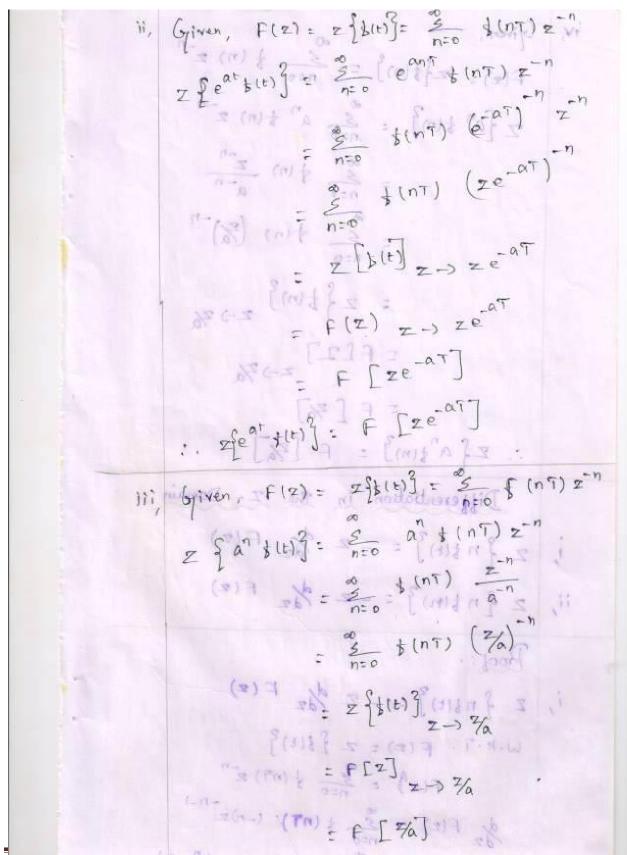
First Sulfing Theorem

i,
$$Z = \{b(t)\} = \{c\}$$
, then

$$Z = \{c\} = \{c\} = \{c\} = \{c\}$$
iii, $Z = \{b\} = \{c\} =$











iv, Given,

$$F(z) = z \int_{z}^{z} f(n)^{2} = \sum_{n=0}^{\infty} \int_{z}^{z} f(n) z^{n}$$

$$Z \int_{z}^{z} f(n) \int_{z}^{z} \frac{z^{n}}{a^{n}}$$

$$Z \int_{z}^{z} f(n) \int_{z}^{z} \frac{z^{n}}{a^{n}}$$

$$Z \int_{z}^{z} f(n)^{2} z \rightarrow z_{n}$$

$$Z \int_{z}^{z} f(n)^{2} z \rightarrow z_{n}$$

$$Z \int_{z}^{z} f(n)^{2} z \rightarrow z_{n}$$

$$Z \int_{z}^{z} f(n)^{2} = Z \int_{z}^{z} f(z)$$

$$Z \int_{z}^{z} f(n)^{2} = Z \int_{z}^{z} f(z)$$

$$Z \int_{z}^{z} f(n)^{2} \int_{z}^{z} f(z)^{2}$$

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$$Z \int_{z}^{z} f(n)^{2} \int_{z}^{z} f(n)^{2} \int_{z}^{z} f(n)^{2} \int_{z}^{z} f(n)^{2}$$

$$Z \int_{z}^{z} f(z)^{2} \int_{z}^{z} f(n)^{2} \int_{z$$





