

## 第5章作业

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摘 要:摘要。

关键词: 词1, 词2

# **Homework (Chapter 5)**

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Abstract: Abstract.

Keywords: keyword 1, keyword



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### 1 Chapter 5

6. By: LTISHINGS 
$$\Leftrightarrow$$
  $hEnd=0$  (three), LTISHINGS  $\Leftrightarrow$   $hEnd=0$  (three), LTISHINGS  $\Leftrightarrow$   $hEnd=0$  (three),  $\sum_{n=0}^{+\infty} |hEnd| = \sum_{n=0}^{+\infty} (\frac{1}{2})^n = \frac{1}{1-4} (4) \Rightarrow de \frac{1}{2}$ .

(a)  $hEnd=0$  (three)  $hed = \frac{1}{2}$ ,  $\sum_{n=0}^{+\infty} (\frac{1}{2})^n = \frac{1}{1-4} (4) \Rightarrow de \frac{1}{2}$ .

(b)  $hEnd=0$  (three)  $hed = \frac{1}{2}$ ,  $\sum_{n=0}^{+\infty} (\frac{1}{2})^n = \frac{1}{1-4} (4) \Rightarrow de \frac{1}{2}$ .

(c)  $hEnd=0$  (three)  $hed = \frac{1}{2}$ ,  $\sum_{n=0}^{+\infty} (\frac{1}{2})^n = \frac{1}{2} (\frac{1}{2})^n + 10 \Rightarrow \frac{1}{2} (\frac{$ 



$$1.86 \cdot (a) \quad o^{n} g[n] \Leftrightarrow \sum_{n=0}^{+n} a^{n} e^{-jan} e^{-jan} = \frac{1}{4 - ae^{-ja}} \cdot e^{-jan} = \frac{1}{2\pi} \left( e^{jan} - e^{-jan} - e^{-jan} \right) \cdot x[n] e^{-jan} \Leftrightarrow \frac{1}{2\pi} \left[ \frac{1}{2\pi} \left( e^{jan} - e^{-jan} - e^{-jan} \right) \cdot x[n] e^{-jan} \Leftrightarrow \frac{1}{2\pi} \left[ \frac{1}{4 - ae^{-jan} - ae^{-jan}} \right] \cdot x[n] e^{-jan} \Leftrightarrow \frac{1}{2\pi} \left[ \frac{1}{4 - ae^{-jan} - ae^{-jan}} \right] \cdot x[n] e^{-jan} = \frac{1}{4} \cdot x[n] \cdot x[n] e^{-jan} \cdot x[$$



$$2 \stackrel{\text{def}}{\otimes} (a) \qquad \times [n-n_0] = \frac{1}{2\pi} \int_{2\pi} \chi(a) e^{ja(x-n_0)} da \iff \chi(a) e^{jan_0}.$$

$$1 \Leftrightarrow f(1) = \sum_{n} e^{-jan} = 2\pi \sum_{n} \sqrt{(x-2\pi k)}, \quad \sqrt{(n)} = \sum_{n} \sqrt{(n)} e^{-jan_0}.$$

$$1 \Leftrightarrow f(1) = \sum_{n} e^{-jan_0} = 2\pi \sum_{n} \sqrt{(x-2\pi k)}, \quad \sqrt{(n)} = \sum_{n} \sqrt{(n)} e^{-jan_0} = 1.$$

$$1 \Leftrightarrow \chi(n) = \int_{0-n}^{2\pi} [\chi(a)] = \sqrt{(n-2)} [n-3] + \psi \sqrt{(n-2)} + 3\sqrt{(n-6)}.$$

$$1 \Leftrightarrow \chi(n) = \frac{1}{2\pi} \int_{0-n}^{2\pi n} \chi(a) e^{jan_0} da = \frac{1}{2\pi} \int_{0-n}^{2\pi n_0} e^{-jan_0} da = \sum_{n} \sqrt{(n-2)} \sqrt{(n-2)} da = 1.$$

$$1 \Leftrightarrow \chi(n) = \frac{1}{2\pi} \int_{0-n}^{2\pi n_0} da = \frac{1}{2\pi} \int_{0-n}^{2\pi n_0} (-1)^k e^{-jk} da = 1.$$

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$$1 \Leftrightarrow \chi(n) = \frac{1}{2\pi} \int_{0-n}^{2\pi n_0} (-1)^n e$$





$$\frac{1}{(1-\frac{1}{2})} \times \frac{1}{(1-\frac{3}{4}e^{-j\omega})} \times \frac{1}{(1-\frac{3}{4}e^{-j\omega})} \times \frac{1}{(1-\frac{1}{2}e^{-j\omega})} \times \frac{1}{(1-\frac{1}{2}e^{-j\omega})} \times \frac{1}{(1-\frac{3}{4}e^{-j\omega})} \times \frac{1}{(1-\frac{3}{4}e^{-j\omega})}$$



# References