hw 8 以下均设新序列的DFT为Y(K) $= \sum_{n=0}^{N-1} \chi_{(n)} \sum_{i=0}^{M-1} \frac{2\pi}{m} (n+Ni) k$ $= \sum_{n=0}^{N-1} \chi(n) e^{\int \frac{2\pi}{Mn}} n k \sum_{n=0}^{M-1} e^{\int \frac{2\pi}{Mn}} ki$ 当一点 EZPT, 等比数到公比 9=1, $\gamma(k) = \frac{N-1}{N} e^{j\frac{2\pi}{N} \cdot \binom{k}{N}} \cdot M = M \chi(k)$ $\frac{1}{2} \frac{1}{1} \frac{1}$ (2) Y(K) = 5 ych ej mr hk $= \sum_{k=1}^{N-1} \chi(k) e^{i\frac{2\pi}{N}nk} = \chi(k)$