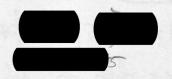
## OBEADBA MORNACIJA

## 2. Lass PRIPREMD



$$(3.1-2a)$$

$$W(n)=\begin{cases} 1, & \text{of } n \in N \end{cases}$$

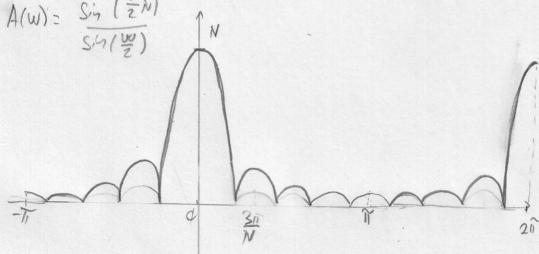
$$DTFT(W(n)) = ? = \frac{N-1}{\sum_{h \in A} \chi(h) \cdot e} = 1 \cdot e + 1 \cdot e + e + \dots e$$

$$= 1 + e^{-j\omega} + e^{-j\omega} + e^{-j\omega} = \sum_{i=0}^{N-1} -j\omega + \sum_{i=0}^$$

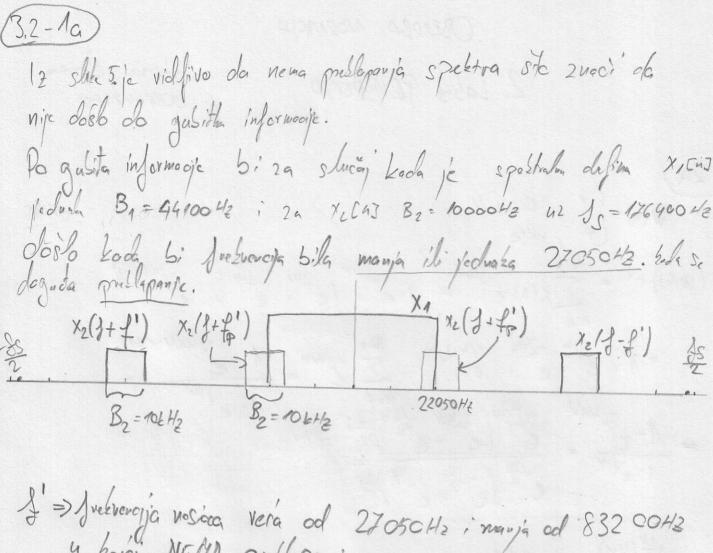
$$= \frac{1 - c}{1 - e^{-j\omega N}} = \frac{-j\omega N}{c} \left( \frac{j\omega N}{c} - \frac{j\omega N}{2j} \right) \frac{2j}{2j}$$

$$= \frac{1 - c}{1 - e^{-j\omega N}} = \frac{-j\omega N}{c} \left( \frac{j\omega N}{c} - \frac{j\omega N}{2j} \right) \frac{2j}{2j}$$

$$= \frac{-j\frac{\omega}{2}(N-1)}{Sin(\frac{\omega}{2}N)}$$



$$\frac{A(\phi)}{A(\frac{3\pi}{N})} = \frac{N}{\frac{\sin(\frac{3\pi}{2N})}{\sin(\frac{3\pi}{2N})}} = \frac{N \cdot \sin(\frac{3\pi}{2N})}{\frac{1}{\sin(\frac{3\pi}{2N})}} \frac{N \cdot \sin(\frac{3\pi}{2N})}{\sin(\frac{3\pi}{2N})} \frac{N \cdot \sin(\frac{3\pi}{2N})}{\sin(\frac{3\pi}{2N})} \frac{N \cdot \sin(\frac{3\pi}{2N})}{\sin(\frac{3\pi}{2N})}$$



J => Juerveroja vosica vera od 27050Hz; manja od 832 00Hz u hojej NEMA preslapanja.

Ap =) fresvencija viesioca manja ed 27050 Hz u kojej dohoi do