$$\frac{\tilde{E}pola Normal 2020}{XDTFT(w) = \int_{q=-\infty}^{+\infty} \begin{cases} 0, w < (20119 - 617) \lor w > (20119 + 617) \\ \frac{(w - 20119 - 1017)(w - 20119 + 1017)}{217^2}, otherwise$$
a)
$$XDTFT(w) = \int_{K=-\infty}^{+\infty} XFT(w - K \frac{217}{T_s}) \\ K = -\infty$$

$$\Rightarrow - \frac{k}{2}II = -2077K$$

$$\Rightarrow T_{3} = \frac{1}{10} \quad f_{3} = 10HZ$$

$$C_0 = \frac{\chi_{FT}(0)}{\sqrt{10^{12}}}$$

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$$

 $=-50/t_0=$

c) Pana-Bonda

$$N_0 = \frac{2\pi}{N} \approx N = \frac{2\pi}{5} \approx N = 10$$

$$= \frac{\sqrt{100}}{\sqrt{1000}} = \frac{\sqrt{1000}}{\sqrt{1000}} = \frac{\sqrt{1000}}{\sqrt{1000}}$$

a)
$$f_{3} = 2000 \text{ Hz}$$
 $M_{1}(330 \text{ Hz}) La^{-}(440 \text{ Hz})$
 $f_{k} = k \cdot \Delta f$
 $f_{k} = \frac{f_{3}}{N}$
 f_{k}

b)

ay > [0,62,5] ab > [0;15,625] R: a6 as -> [0;31,25] az -> [0;