سرى 6 -27 - .,517

①

niti , plt, & 616-nTs) $X_{S}(w) = \frac{1}{T_{S}} \times (w - kw_{S})$; $w_{S} = \frac{2\eta}{T_{S}} =$, $y = \frac{1}{T_{S}} \times (w - kw_{S})$

Y(w) 5 Xs(m) H(w) __, x(H, y(H ___ X(w), Y(w) [2-1, 2001]

H(WISA , 1841 5 5007 -> +) V/X (W) in vive do

[-2017, +201] _ YWI= A(XCMX /s) , YWISXCWI, ASTS) - (A. 1)

netts (sin (4000 nt)) = sin (4000 nt) 4000 x sin (4000 t)

- n (t) = 4000 - Sinc (4000 t)

F - 3/20(4000t) (1000 rect (80007) -> rect (4/8000)) . else

4000x sine (4000t) = rect (1/8000 1)

X(W) = rect (W/800 1) = vect (W/800 1) ____ wso, = whippie + Booo 1 1- Booo 1 ! (light in X(N)

. The INIX8000 XIM J: The 18000 I'm Child Vigor WA CONTROL - July 5 2WM 5 20 6000 8 , 18000 1

X,14 21 1 11 = 200,

Azia) ilche , 2w2

wing , 2w, +2w2 ,2(w, + w2)

WAS WIT WE IL - IS (WA) WIM CINCENT

Christicolos Ws 5 21 - Ws 7,2 WM , 2 (W, +W2) - 21 >, 2 (W, +W2) -

$$T_{S} \neq \frac{2n}{2(w_{1}rw_{2})} \longrightarrow T_{S} \neq \frac{n}{w_{1}rw_{2}} \longrightarrow \frac{n}{2(w_{1}rw_{2})}$$

fis luktes 100 Klo Hz, WL > 21/2 5 21x 100) 13 5 200 1 x 1.3

PH = 200 hitz , 200 x13 Hz, WH = 2 nfy , 21x 200x13 = 40011x13

incre -, fu-fes 200-100 s 100 MHZ - W= 21 x 100x1.3 , 2007x13

Timble: fs 7 2 ft 5 2 x 200 \$ 400 KHZ

m, (+1 = = (-1) m(LTs) ((+-1Ts))

Ws = 20 = 20.28 = 408

millinidim , als(-1) m(lTs) - mills & als(+-lTs)

M, (WI s \sum a_e ls. or

ms(t), = m(ITs) & (t-LTs) - Ms(w), = = M(w. kws), ws = = + + NR

m, (f) s (= m((Ts) & (f-(Ts)).e jnt/T,

F(= int/rsf(+) > F(w-M/Ts) - n/Ts= 7.28=2118

M(WI = M(W-20B) = 1 = M(W-20B-WWs), Ts=1/2B, Ws 40B => M(W) 2B = M(W) 2B = M(W-20B-K-40B

interpolition (2018) MIN style city

لمن امل در [-20B, 20B] ترزدراكي ماي طامطية باعث تراكل سود.

م دلی جارطان وزان مای از ازار ۱ مراس مراس مندان منسر کرده که بایدن سیم ۱۹ می کند می باین ندرسان نسب. مران باز در المداستدا جامهان فراستی را معلوس کن دسیس منارکم.