随至练习 (11 T= 提 =) N= == N, 五全(in)= [Xa(in-ikn), kez -1n/<-n,=) n,> 1n2 N2-251 < N1-N2 => 3N1 >2P2 => \$111,>3N2 n. 02 b part 左格 25, fo a your 右轮 Un. 不能支合 1. B (2) Hobs = 00 75/64 - M2 - M 1 0000 -O2 -M



P27. 15. 7 = 25 - wms. Xu(t)=3sin(lortit). Xale) (u) 3 (b). X(n) = Xa(nT) = 35m 35in (10071nT) X(n)= X(h+n) = 35th (IWANT+ IWANT) T=300": LWAN'= LAK シロ'=6 最小 1. X(n)=X(n+6) 本 T'= 6T => f'= == 50H+ (c) n= 67/7 = 6 4 T = 10ms (d) Kin = 35in (lwan/fs) /win = 1+71k => Fs = 2wh Ezt FIS FS min, N=1, stet 100 = 4x25, 2141=25 => 12=12 Fs = 8Ht Sleep Food = > 1 女中兴要的生活是 To 277Fs > 200T => Fs>100 1. Fs=200Hz



1227. (a) BON = lok/1/2. DS 22WW = 20KHZ (b) Fs <) 下、 会 温意 元法性-生建. TO SUS= 1671K racks NI = 1071KH rud/s 小儿童 · U: bik~look, Ff: 3K~sk 泡~音 P27. 1.8 LID LUM = 1x171f=400万 rod/5 为 n平 tmax = 立方= 125Hz . 仅有可能,也可能不可以 (fmax < 立方。 (1)



127.1.9.
(11) Whom =)20Ti had/s. Wiv = Whom =) 2WN = 1440 Ti had/s & not
(b) f = \frac{1}{5} = \frac{1}
(C) Yuthyun= (12W-7N)TI~ 12UTI Ladis AS 沿部
Sin (480Tit) 可以杂别, Sin (720Tit) 速成> 11 17 17 17 17 17 17 17 17 17 17 17 17
X(n) = Sin (USTIN) + 3SIN (1.2TIN) = SIN(U.8TIN) - 3SIM (U.8TIN) = -2SIM (U.8TIN)
い=ち, T'= hT= 1005、 と W'= 年= 1407 rad(s
(d) Yult) = X(fit) = -) sin (480 Tit)
3/1.
\$[\fit)(\(\si\)) = \(F(\frac{1}{3}\)\rightarrow\(\pi\)\rightarrow\
N's = No+50 = 100x150 radis, & For Ny= 200's = 3 wrad.
3/12.
(1) fs min = 2 fmax = 240104 BHz, Tmax = 10-45
(1) $W=\pm \Omega s=\pm 171 fs=10^4 Ti rad/s$
M.3. X(t): \$\fm=\fm\; y(t): \fm=3w112 \\ \fm\;
(1) f = 2 tmy = 600 Hz (1) F(1W) = 2 \(\frac{1}{2}(\frac{1}{2})\text{W}) \(\frac{1}{2}(\frac{1}{2})\text{W}). \(\frac{1}{2
(5) · F(JW) = = = Y(1) JW, (=) = = = = = = = = = = = = = = = = = =
f = 1x 1 tmg = 1200Hz
(4) Figur = \frac{1}{4} [\overline{\text{I}} [\overline{\text{W}} + 3\overline{\text{I}} [\overline{\text{J}} [\overline{\text{W}}] = \frac{3}{12} \int_{\overline{\text{W}}} \overline{\text{I}} [\overline{\text{I}} [\overline{\text{V}} [\overline{\text{V} [\overline{\text{V}} [\overline{\text{V}} [\overline{\text{V}} [\overline{\text{V}} [\overline{\text{V}} [\overline{\text{V} [\overline{\text{V}} [\ove
c 争 W 最大有 juy+wx = f= 1x (jfmy+fmx)=400Hz

