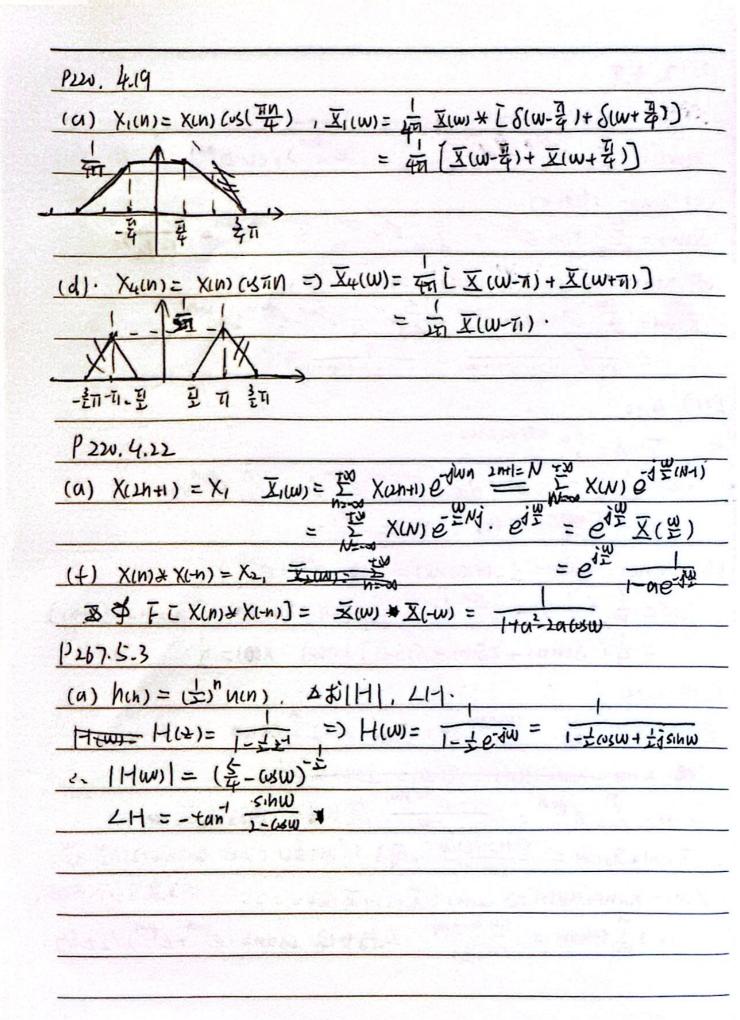
1217. 4.9 $X(w) = \frac{1-e^{-6iw}}{1-e^{-6iw}} = \frac{1-e^{-6iw}}{1-e^{-6iw}} / (1-e^{-6iw})$ (b) Kin = 1"U(-n). X(w) = 1 X(n) e-dwn = 1 1 2 -nedwn = 1 2-nedwn = Id) Xin) = (ansinuon) Uin) |ale).

Iw) = I ansinuon ejim = Ty an I (ejimin e Jim) e Jim 27 [1-00-jiw-wo) -1- 00-1 (WHU) P217. 4.10 (0 OSLWIEWO X(n) = 1 X(w) exun dw = 5-10 exundw + 500 exundw = - Sihwah (N +0). X(U) = - \frac{ub}{77} + 1 16) I(w) = (152W = = (1+ Cuszw) = = (1+ e2jw+e2jw) X(n) = In (Two edun dw = = [27-28(m+271.8(n+2)+2718(n-2)) = 4 [S(n+2) + 2S(n) + S(n+1)] (n+0), X(0)= = P48. 413 Cho Xm)= 10 [NEM (=) Xm) = 1+2 1 Cswn. ich: X(n) = X(n) - U(n). X(w) - X(w) x - ----1-e如(M+1),等比较的,国超证是(W)=---X,(w) = m e dun (Z(W) + Z2(W) = SIN(M+生)W (月) SnW=上(1-USZW) + SNW=215nE OSD. X(n)=X,(n)+X(n)=) 又(w)= 其(w)+又(w)=---2. It I'm Cuswn = sinmth)w 京的上月 csunz (ethin + ethin) /2世紀





P267. 5.4+ (a) An)= = = [X(n)+X(n-1)] => X(x)= = = [IX(x)+x] X(x)] => H(x)==(+x) 1-100) = ±(1+e-dw) = ±(1+05w-jsnw) Tran (2) 14m1= 9 4 LHW) = -tan I sinw MIHWI y(n)= ま [X(n)+ X(n-1)+X(n-2)]=) H(田)= > H(w)= = (1+ e-dw + e-2dw) [(1+ (xw+ (xzw) - j (sinw+snzw)] LHWIS-W CHW)= }-W OCWCZI 1. 1HW) = - 1 1+265W 1 Hw P268. 5.5 (a) y(n) = x(n) + x(n-10) => H(t)= 1+210 => H(w) = 1+ e ludw 1HW)= 2 (USSW) 2HW)= -5W (b) 1、X(n)= (以前+35h(引+书)=到ej形+ej形]+ 引[egn+形] 发已知 etwh 经进口工条件、输出 yin)= Hiwhe jun. ム y(n)= H(高)(以るり+35m(をn+る) H(号) * 3(生生 = 3(+==1) S.N(=n+=).



P268. 5.10 (a) y(n)= = [x(n)+x(n-1)] => H(w)= = (1+e-àu). 1Hw1= | (xw) , 2H(w)= -4-4 y(n)= 士[X(n-1)- X(n)] => H(w)= 士(e-jw-1) LH(w)=/王-坚 1 269. 5.12 y(n)= 0.9 y(n-1) + bx(n) =) H(w)= 1-490-jw (a) 4700 = 11-100)= =) W= ±Cus = 179 = 20.105 2=0. P=09 161 > W w. 1.伯迪Filter 型Filter的静宙延 Im hinjetun him e hins e-su ことかいいひとれーだりい By hun ER TIWN= Y 1 LHWI= - EN