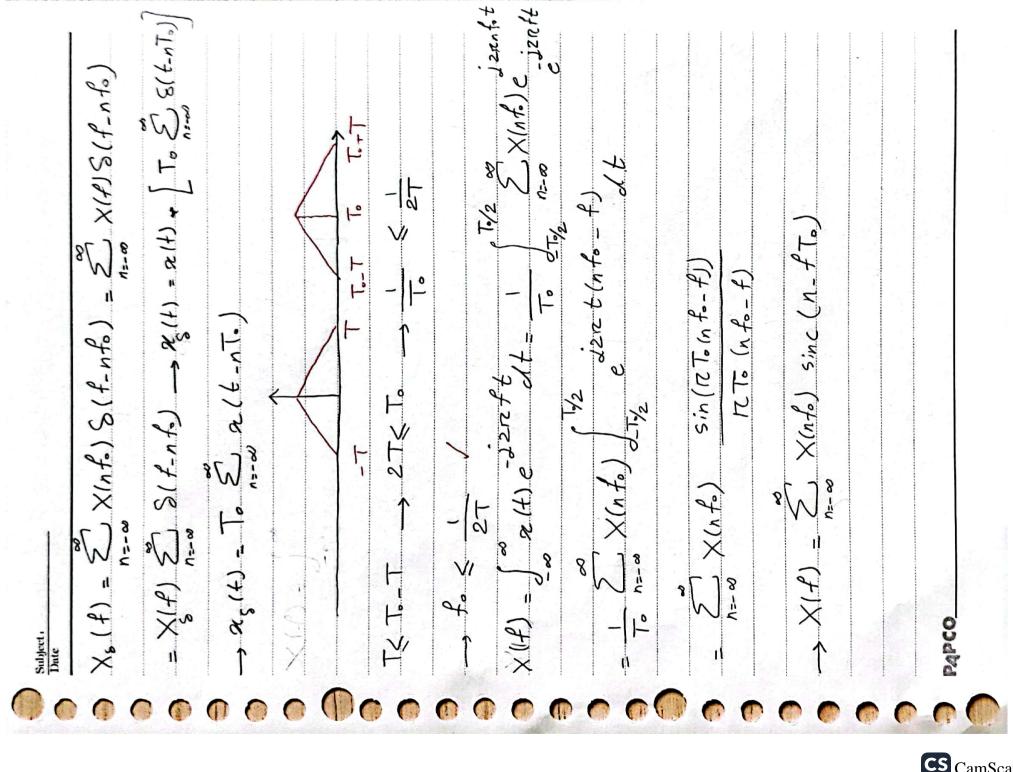
Tsci X(f-nfs 2 (KTS) 8 (6-kTS) $g(t) = \Lambda(t) * \left[\sum_{k=-\infty}^{\infty} \kappa(kT_s) S(t-kT_s) \right]$ X(f-n fs) سم حک عالاتی (*) fs>2W $\lesssim \varkappa(KT_5) \Lambda (t-kT_5)$ 8W 2 2 (KTS) S(t- KTS) G(f) = Sinc2(f) [fs & ke-jentta Ts Sinc (fTs) على بداللهي * fs-w>W 1. y(4)= 2(長) y(H) - A(#) = (7)6 4006 2233 1(4) Subject, Date 3 *

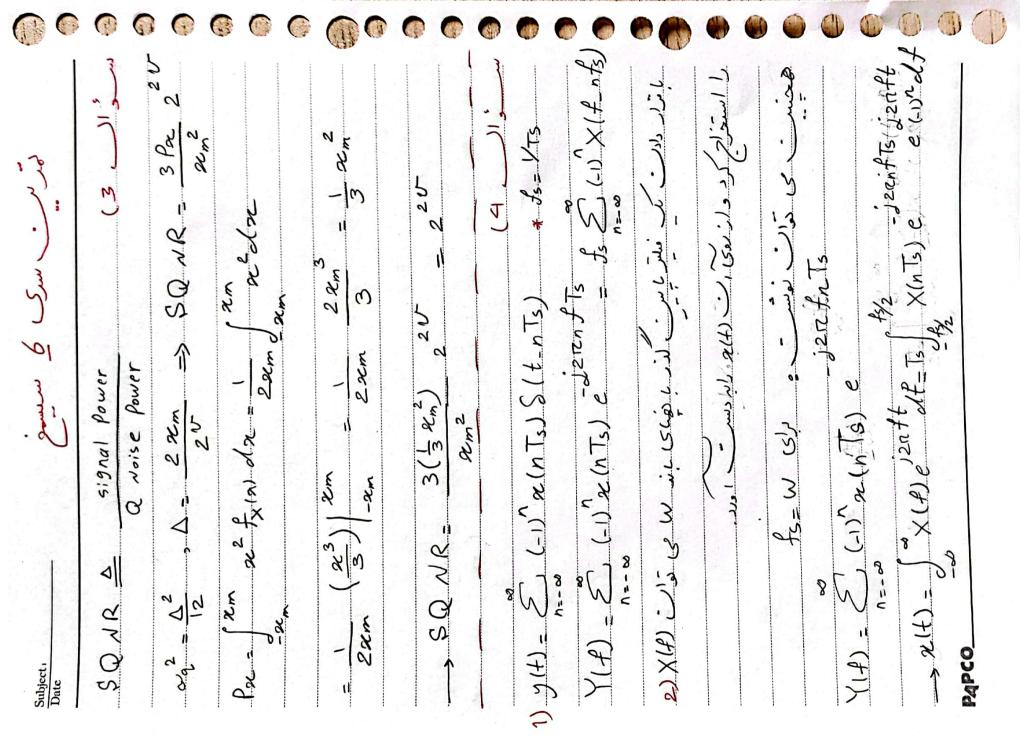
22rnfot Xinfole > 1 XInfo) S(f.n.f.) Xs (f)=

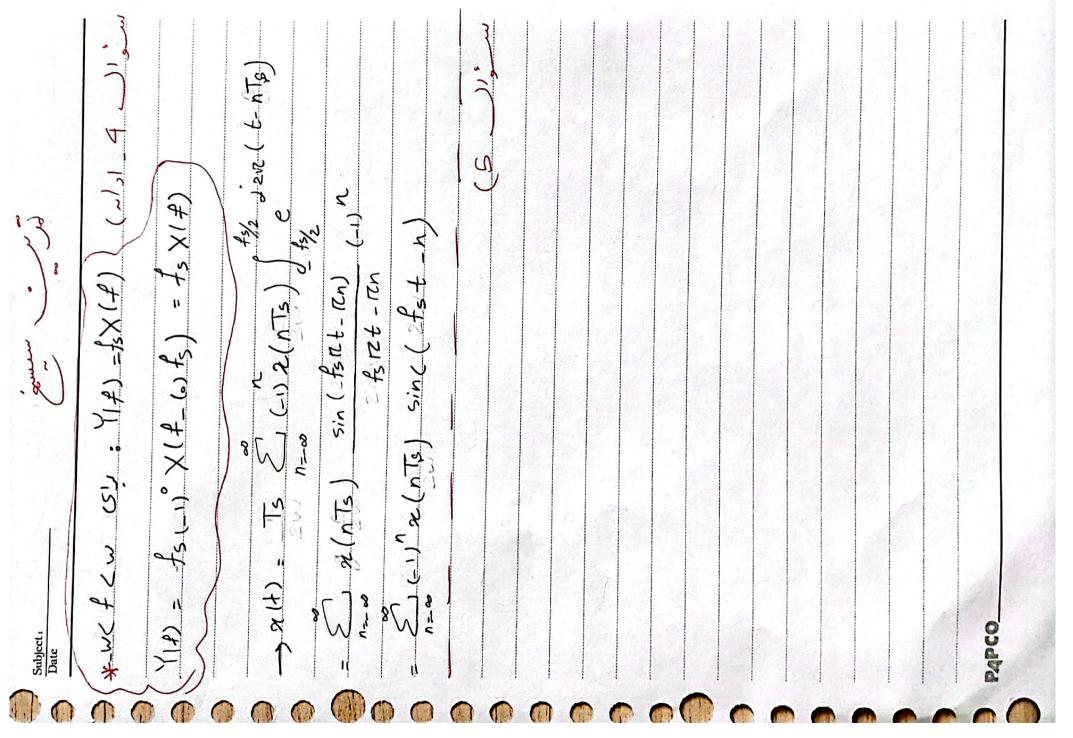
Ts sinc²(fTs

> 2 (+)=

PAPCO







783.36 kHz} 00 28 bit/sec 000 00 783360 HZ 566 720 5/00 26 321CH2 N بكانك بالمجائ بند ١٤ احتياج داركم 7 0009 8000 kbit/sec 1 (1566720) 10 24 x 64 K x 1.02 BW = 1 64K 4 (600D) 200 94 -10 2mp Lyguist BE PAPCO Subject; Date

Subject

Date: Year:

Month:

Day:

$$f_{Y}(y) = f_{X}(y+1.5) + f_{X}(y+0.5) + f_{X}(y-0.5)$$

+ $f_{X}(y-1.5)$

$$s \rightarrow f_{Y1Y} = \left(\frac{1}{2} - \frac{1}{4} \left(y + \frac{3}{2}\right)\right) + \left(\frac{1}{2} - \frac{1}{4} \left(y + \frac{1}{2}\right)\right)$$

$$\rightarrow f_{Y(y)} = 1 \qquad -\frac{1}{2} \leq y \leq \frac{1}{2}$$

