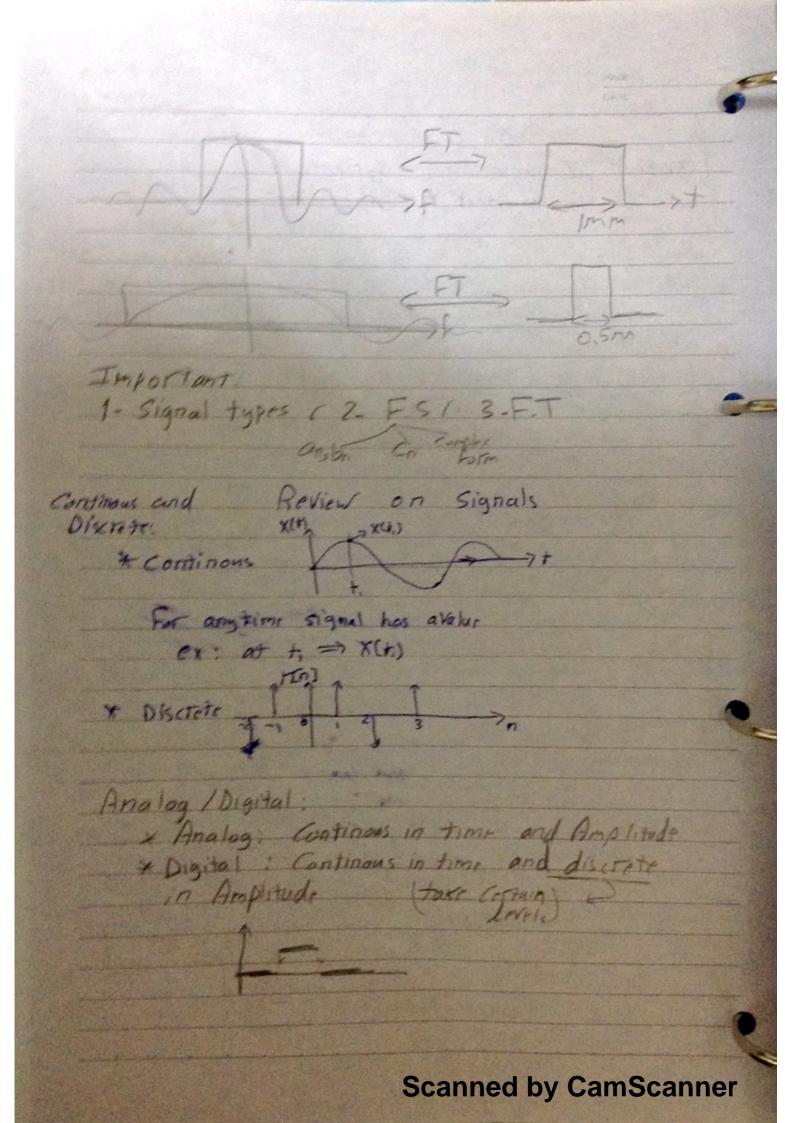
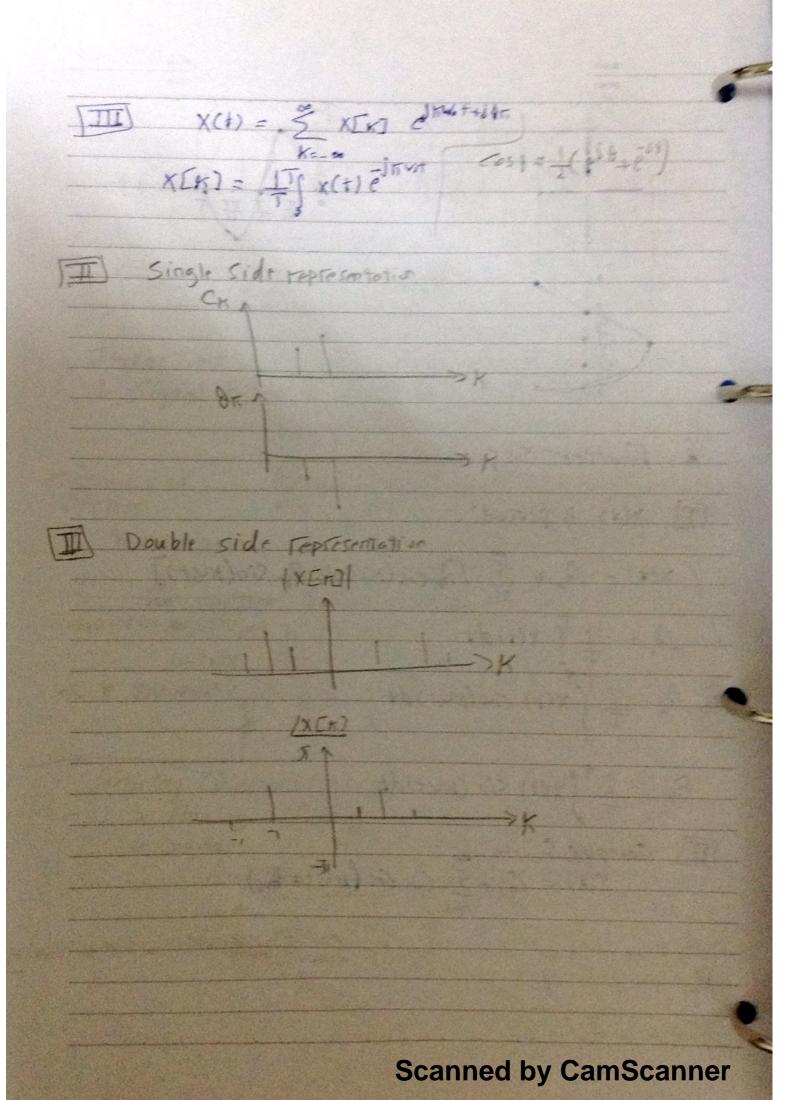
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2 - Fourier Series I x(+) is periodic X(t) = A. + E [Aircos (KWot) - Bir Sin(KWot)] 4(+) 50.+4, X+0, X-A = + (x(+)d+ Y(0)=0. X(0) =0, ( V=20, AK= 7 (X(t) Cos (Kust) d+ By- 2 T(x(t) sin (xu,t)dt III Complex form so X(t) = G + E G (65 (KV, t + OK)

- Ax=Gx Cos(Ax) Z Cx [ cos(bx) (os(xxxx) - sin(xx))

CK = VAx2+Bx2



$$X(t) = \int_{\partial D} X(Sw) e^{JwT} dw$$

$$X(Sw) = \int_{\partial D} X(t) e^{JwT} dt$$

Vol) 112 Probability

density

2) Fs (single side): 
$$\zeta^2 + \frac{3}{2} \frac{C^2 \kappa/2}{\kappa \epsilon_1}$$

$$\begin{array}{ll}
A \cos \theta &= A \left(e^{i\theta} + e^{i\theta}\right) \\
P \int \frac{A^2}{2} \left(\frac{A}{2}\right)^2 + \left(\frac{A}{2}\right)^2 &= A^2 \\
\frac{A^2}{2} &= A^2
\end{array}$$