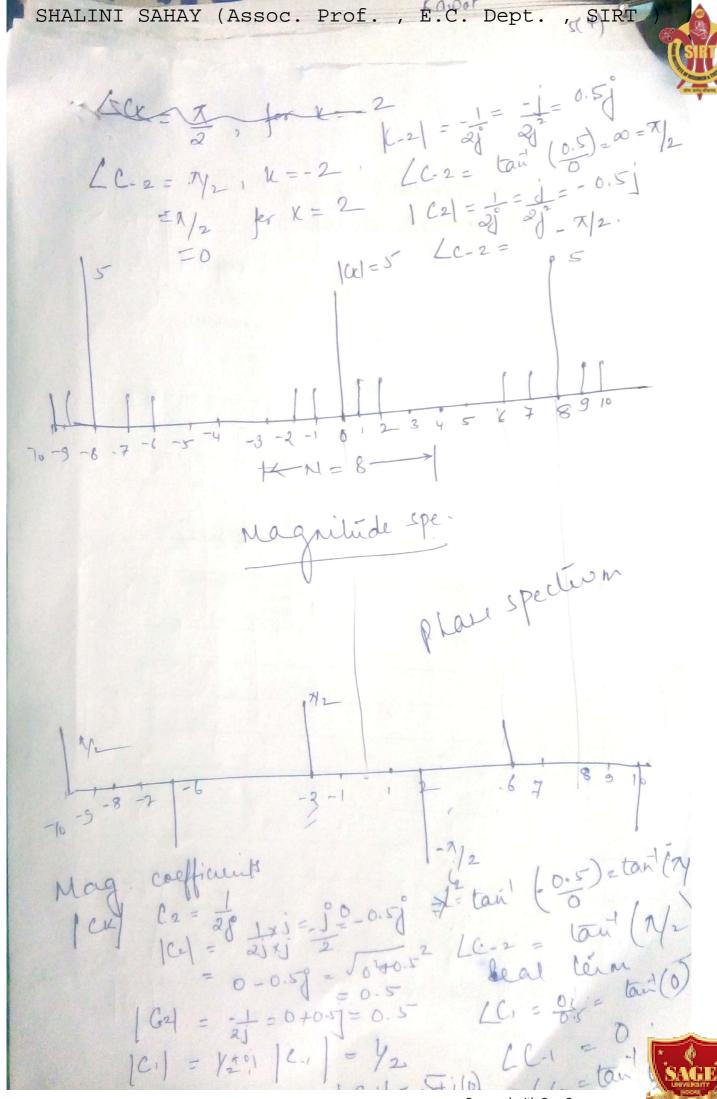
SHALINI SAHAY (Assoc. Prof. , E.C. Dept. (SIRT) reoperties of DTFS 1 In find the DTFs and sketch the amp and phase spectra. $Q^{2} = 5 + \sin\left(\frac{n\pi}{2}\right) + \cos\left(\frac{n\pi}{2}\right)$ $N_1 = \frac{12}{100} \times m = 4$ for m > 1 $N_2 = (\frac{2a}{100}) \times m = 8$ $\frac{N_1}{N_2} = \frac{4}{8} = \frac{7}{2}$ 2N, = N2 = 8. 2(4) = 5+ sin (17) + cos 12 = 5 + [= 12n] + e 12n/4 + e 2 - jan/4 + e 2 a(n) = y Creinkn/Nr (0) = Scue en compare en o and en o = C-3e + C-2e + C-1e + Co + Cie + Cie + Cie + Cie + Co + Cie + $= 24 \int_{C_0}^{C_0} \frac{1}{2} \int_{C_0}^{C_0} \frac$ C1= 1/2, C+ 2/2 |CK| = 1 , K=-1,-2, 1, 2 To 4 (0.5)2 = 0.5 =5, k=0 =0, k=-3, 3, 4, -4



SHALINI SAHAY (Assoc. Prof. , E.C. Dept. , SIR 9.3 h(h) = Los (67 + + 7) $N = \frac{24 \times 13}{6 \times 3} \times m$ = M=3, N=13 Samples Synthesis 2(4) = 5 2(4) excoon gren en = e i (67 n+7/6) + e i (67 n+7/6) $= \frac{1}{2} e^{\frac{1}{13}} e^{\frac{1$ 2(n)= 5 CK) e JKwon $\chi(3) = 10^{-3} \times 10^{-2} \times 10^{-2}$ X(-3) = 1 e of feel of -3 6 3 N= 16 L -3716 3 [X]= (=)2coin+(=)2sin(q) = Y2 or land (fin the) tailtant 1) In world