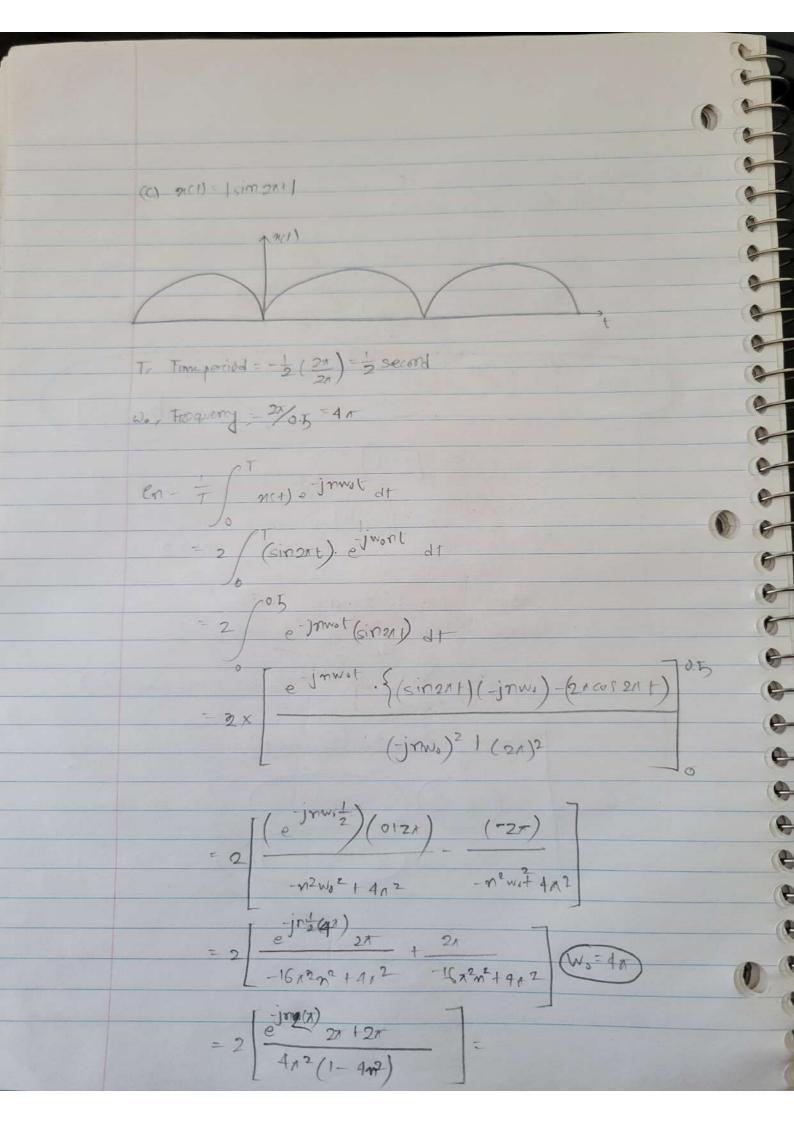
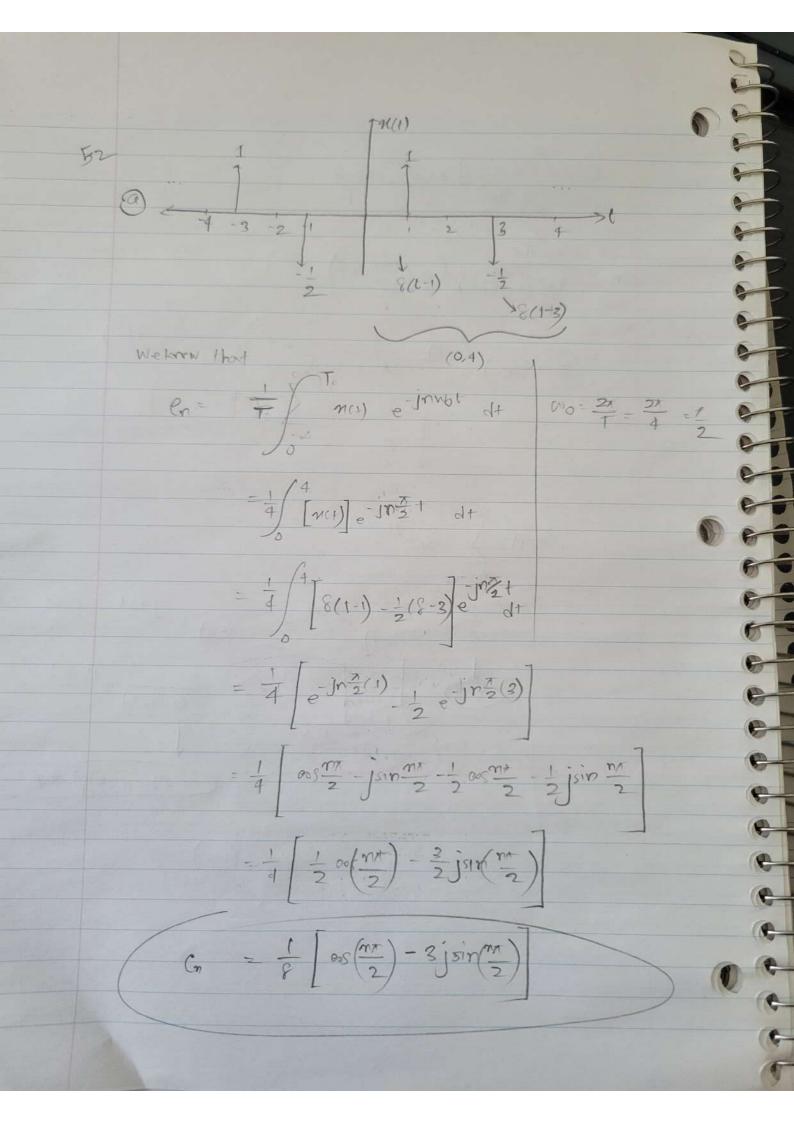
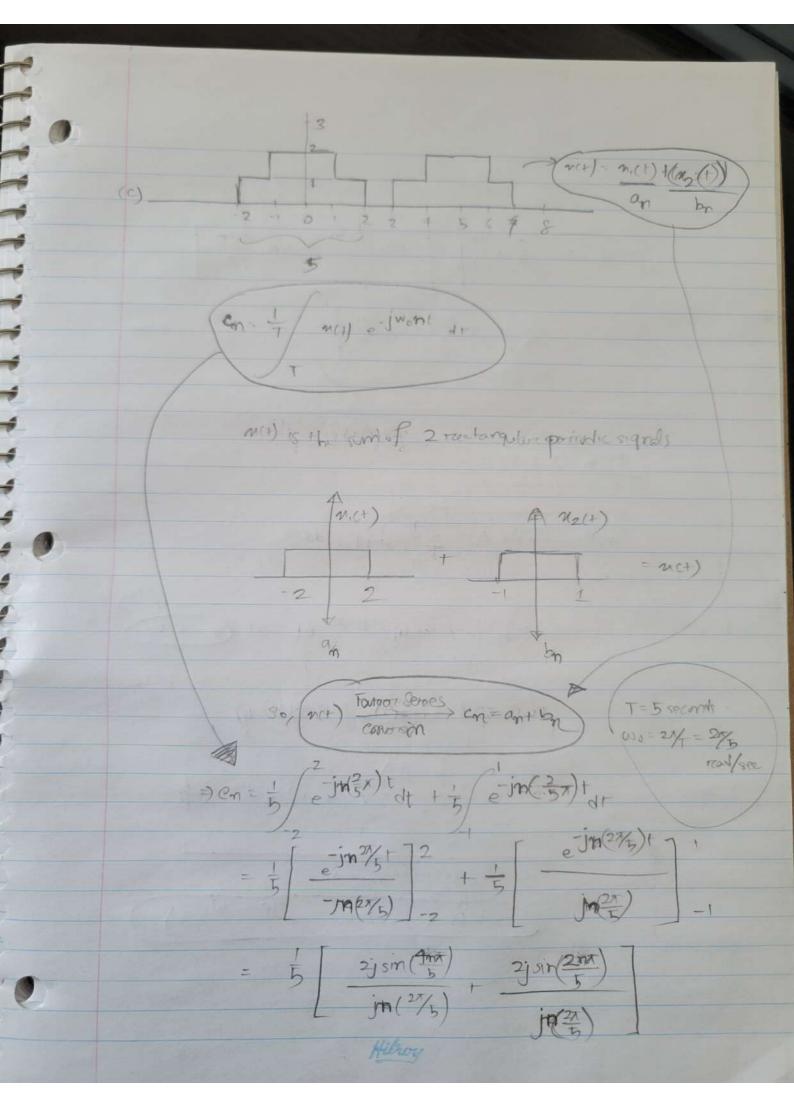
516 MIH) = It COSAT + Sin2At = 1+ 00574 1 = (1-0052xt) = 1+ asr [1 = - = cos(12) = (3) + ejnt +ejnt - 1 = 12nt + ej2nt (: N+) = 3 + 1 = 1 + 1 = 1 = 1 = 12x+ - 1 = 12x+ Eguation 1 parad of ass + = 2+ = [2 = Ti] (possed of m(+) = Lem (Ti, Tz) " " 00527+ = 27/27 = [L = 72] = LOM(2,1) Su fundamental parad = 2 seconds fordemental frequency = 21/2 = 1 mad/seconds HOW ACT) = > ex el twst (Partion services equation) Comparary of aportion (1), we get $(c_0 - \frac{3}{2}), (e_1 = e - 1 = \frac{1}{2})$ (e2: c-2 = -4)

Hilroy



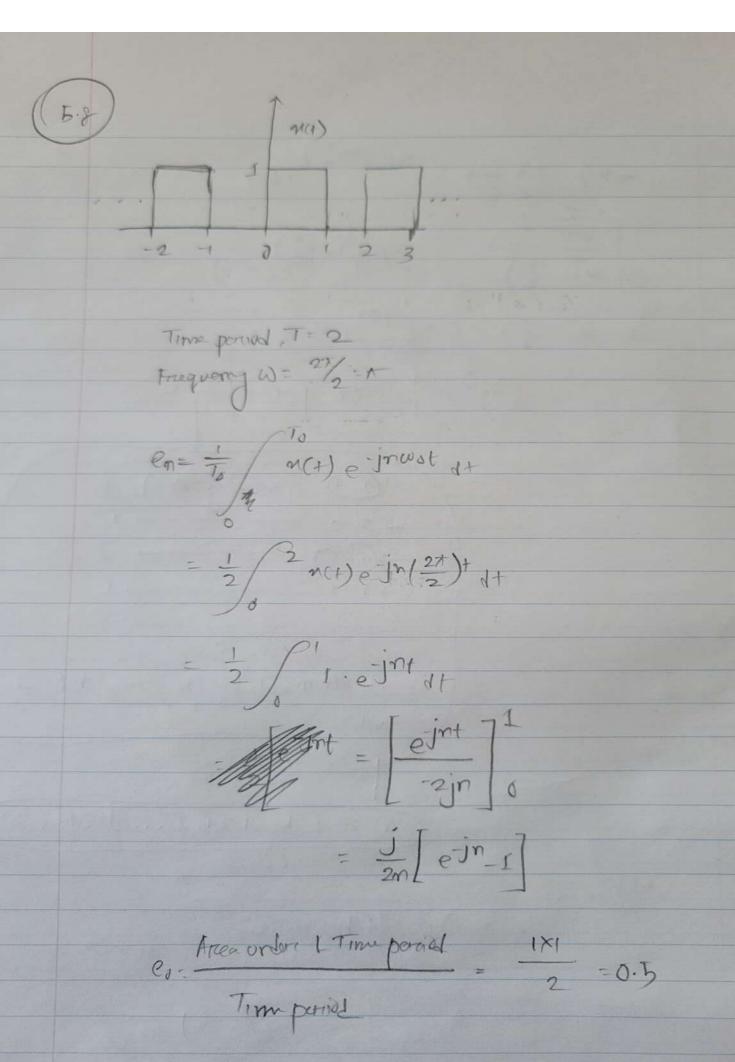
All Salvarion en = 4x (1-4m2) (= j2xn+1) (= T(1-4++) (1+1) = 2 14 G-2 n(+) = \ Cne jn(4x)t $= \frac{2}{1} + \frac{2}{11} \cdot e^{-\frac{1}{2}} = e^{-\frac{1}{2}} + \frac{2}{11} = e^{-\frac{1}{2}} + \frac{2}{11} = e^{-\frac{1}{2}} + \frac{2}{11} = e^{-\frac{1}{2}} = e^{-\frac{1}{2}} + \frac{2}{11} = e^{-\frac{1}{2}} = e^{-\frac{1}{2}}$ $\frac{1}{m-1} + \sum_{m=-1}^{\infty} \frac{1}{\pi(1-4m^2)} = \int_{-\infty}^{\infty} \frac{1}{m+1} dx$ (all others expl m = 0,1,-1 (Ams)





Cn = 2x 5 sin 4xm + sin 2xm 5 - 1 sin 4/m + sin 2/m 56 b n(+) F serves ex = + nct) e jwont let mus + f new e-jwont at at at at to make = + n(t-to)e-jwon(utto)du = ejmwa(to) pn(u) e-jwomele = ejmwa(to).n(w) (: n(1-to) = n(u) = e Jam (+1) n(u)

= m(t-I) - e juismos) x(w) 07-n(1-1) = -ej(2/2)n(2) n(w) $\frac{\partial R - n(t - \underline{J})}{\partial t - n} = \frac{-e^{j\pi n}}{\cos n - j\sin n}$ at (=) ((cos x m - | s m x m) = -1 ->(m-3) all add in satisfier the time thifted (m must be 1,3,5,7...allook valle) So, MCH) is odd hormanic (bus)



 $c_1 = J_2(e^{-j1}) = (-0.03 - 0.40)j = 0.12 - 0.23j$ = 0.18 - 0.50 rotion $c_2 = J_4(e^{-j2}) = (0.23 - 0.35j) = 0.42 - 0.99 \text{ radian}$ $c_3 = J_6(e^{-j3}) = (0.33) A - 1.5 \text{ radian}$ $c_4 = J_8(e^{-j4}) = 0.227 - 2 \text{ radian}$

