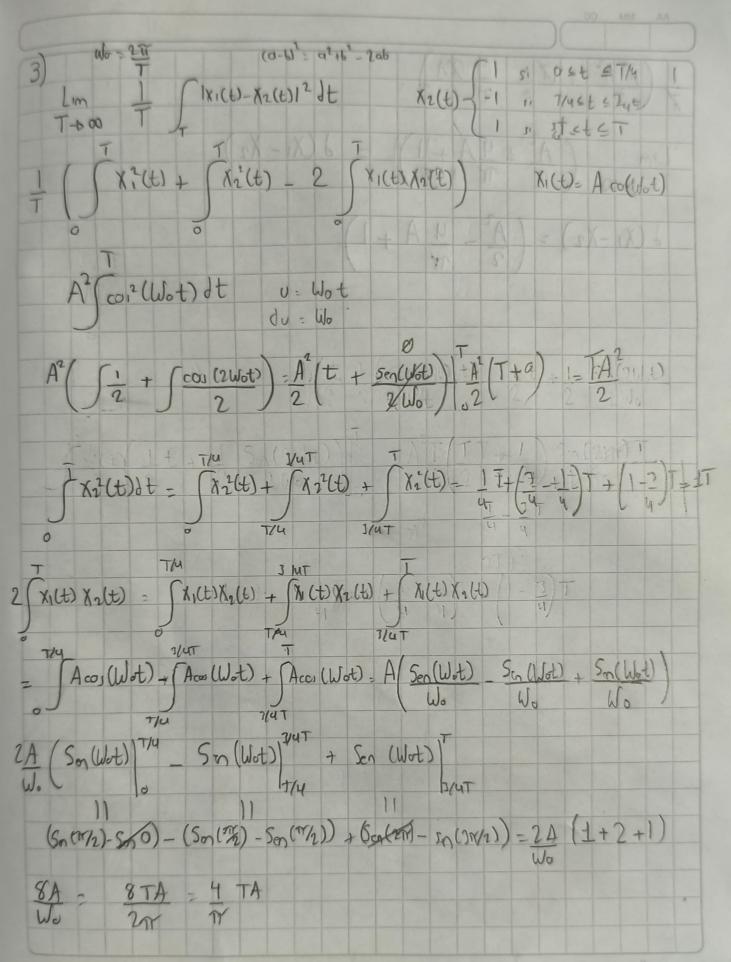
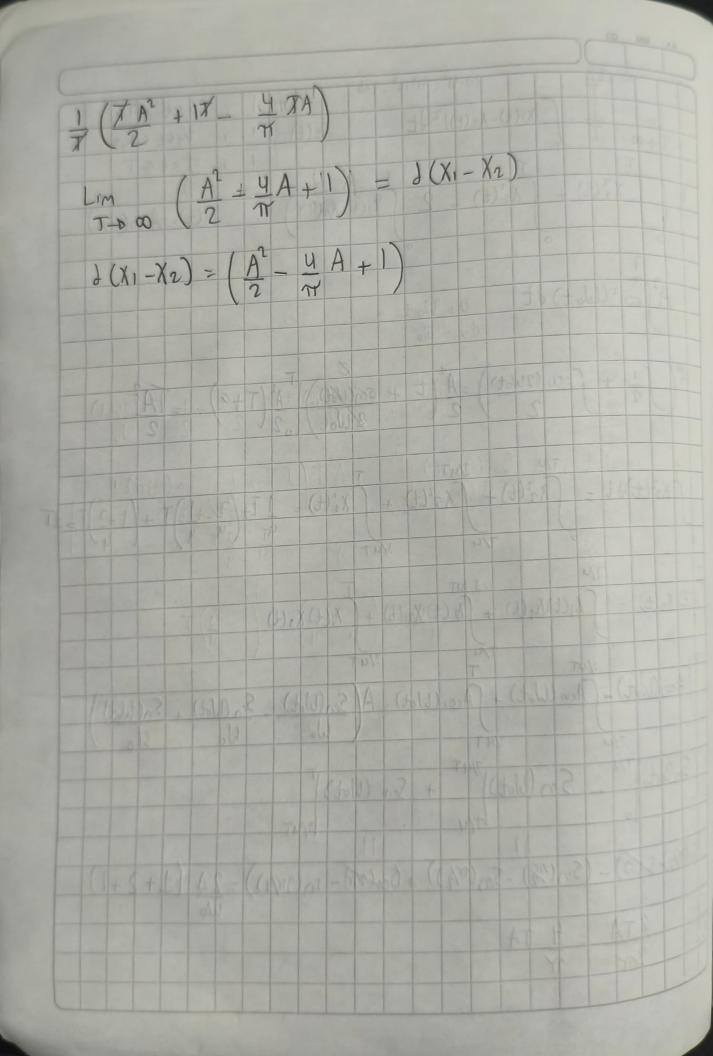
1 th bity: 8 CV x(t): 20 Jn (] H - 11/2) - 3 cas Gt) 1 2co, (10	0t)
Wi = 7 M f 7 F: 7/211 A:1.114 Hz	Wa = 5 20x f = 5 20x f = 10 fa = 5/2x fa = 0.796 H2 f3 = 1.	0
fs > 2 f3 fs > 3.18H2	7-27	
Yma	$- \frac{1}{2} $	17
	sm (ut + P)	
70T: 1 2	A 70 5 10	
35 T = (10	- 14 - 7) mon = 70	

Norma

4)	Fr= X(U)	= 3	15	(10	000	7	t)) +	- 6	5 -	rin	(2	00	CIT	t)	+1	0	cos(110	000	MC	t	1	
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					-	-	+	11	00	0	N	1						+	+	+	-			
		1				51	-	1	20	M	n	1			2	- 0	10		+	+	+	-		
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					35	103		1	5	50	10		Fm	91	3/2					+			F	
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Norma



a) x(t) = E on e in white $\chi'(t)$: $\sum_{n=\infty}^{\infty} (j_n U_0) e^{j_n U_0 t} C_n \qquad \chi''(t) = \sum_{n=\infty}^{\infty} (j_n U_0)^2 e^{j_n U_0 t} C_n$ Tructo e-smoot jt - - > n2 Wo Cn (e) cn-m) wot jt Par ortogonalidad $\int e^{j(n-m)} \int dt = \int t - t_i \quad \sin n = m$ Tructoe-imbot to - m Wo Cm (tr-ti) => Cn = I (tr-ti)m2 Wo Cm (tr-ti) => Cn = I (tr-ti)m2 Wo Cm) an = 2 (tf-t) n2 Wo2 R (fr/(t) = in wot)t bn = 2 I (x "(t) = jn Wot) 5

Norma