	Parcial #	F\	
$Q = \begin{cases} 2 \\ (x_1, x_1) = Px_1 - x_1 = 1 \end{cases}$	172 1 S / X, (4) - X	(₂ (4) ² dt	
Integra y pasa			
1 S _T /X,(H-X ₂ (e))			
Px. = 1 5 x. 2+	competition	$P_{X_2} = \frac{1}{T} \int_{T} X_2 ^2 dt$	Const Cly Contract
$\frac{1}{T} \int_{0}^{T} /A e^{2\pi x} ^{2} dt = \frac{A^{2}}{T} \int_{0}^{T} e^{2\pi x} ^{2} dt$ $\frac{A^{2}}{T} \int_{0}^{T} e^{0} = \frac{A^{2}}{T} \int_{0}^{T} dt = \frac{A^{2}}{T} \int_{0}^{T} e^{2\pi x} ^{2} dt$		$\frac{1}{T} \int_{0}^{T} / B e^{-xt} ^{2} dt = \frac{B^{2}}{T} \int_{0}^{T} e^{-xt} dt$ $\frac{B^{2}}{T} \int_{0}^{T} e^{0} = \frac{R^{2}}{T} \int_{0}^{T} \int_{0}^{T} dt = \frac{B^{2}}{T} \int_{0}^{T} dt$	
A ² CT-0]- A ² I ² Px ₃ = A ²		B ² (T-0]-B ² F T Pxs=B ²	
	(e) dt = 2/T S_T		
ZAB T (Te) du	$= \frac{2AB}{T} \int_{T} e^{5\pi t}$ $= \frac{AB}{T} \int_{T} e^{5\pi t}$	$\frac{(Ae^{i\omega \cdot k})(Be^{i\omega \cdot k})}{dt} = \frac{2AB}{T} \int_{0}^{T} \frac{T}{1^{2}y^{\pi}} dy$ $\frac{7(6)^{2}}{6} = \frac{A}{6} = \frac{13}{6} \left[e^{i\pi \cdot k} - 1 \right]$	U=6,211+ du=1211 dt
	-= \ X, w X, w dt		dt T du
$P(x_1-X_1)=A^2-$	A 13 [en 1]	1+ B ²	

		5 sen (2000 TT 4)+ 10 ce			
S	e remplaza t	i en colitinuo por l	a discretización	t=nTs, con n E	2
	XCt=nTs?]=3cos[1000T	ints]+5sm[2	.000 TINTs] + 10c	ως [11000 πnTs]
	T.==	= 5000[5]			
		^			
	Remplo			, , , , , , , , , , , , , , , , , , ,	
XC	n] = 3cos[-	517 (2000 TIN	1+ 10cos[]1000	
		5000			
XEn]=3cos[1	1/s In]+5sr	1[2/5 TIN]+	+ 10 cos[1/5 M	n_]
	n=11TT	TT-frecue	2012 (0012		
	3				
N.	3= 12-3-	$-2\pi = \frac{11\pi}{5}$	· 211 = 1 -> f	recuencia Origin	10
Ŧ _{un}	ción discr	of and a		U	
				-111	
X[n]=	3 cos[(1/s)	Tn J+ 5sn[(2	1/3).TIN]+ 1(Ocos [(1/5). In	
X = 12 =	13-25 111	2]+5sin(-2111n	21		
1, (1,7	5	ع الماد الما	1		
				W	
	cos(t/3)+	- cos(t/4)[A]	LE	on K, LEL.	EI MCM (6,8) = 24
	$\frac{1}{\sqrt{3}} = \frac{1}{\sqrt{3}}$			T=2411	
	'		Sc	e oplica ceri	o pendiente
1,=	$\frac{2\Pi}{W_1} = \frac{2\Pi}{1/3}$	+ 6п	++++	$\hat{X}(t) = m X_{(t)}$	11.
7.	2TT 2TT	=811		M = R-ax(1) X-ax(t)	
	W2 1/4				
				6 = Xmm(e) -1	n Xmin (t)
			++++		