x(+) $\frac{1}{\alpha}$ χ^{π} rect $\left(\frac{\omega}{\alpha}\right)$ Suleenchi 2(+) mt + (w) ≥ x (f)U 27 5/w) . <u>2</u> . JW 5gn (+) 27 5 (w-wa) e just T[[(om+w)] + [(om+wo)] cos(wat)[(cw+w)] 3 - (cw+w)] Sin (wat) sinc $\left(\frac{\omega}{2}\right)$ rect |T| Sinc $\left(\frac{TW}{2}\right)$ rec (丰) e u(+), 2e {03>0 atju

CamScanner ile tarandı

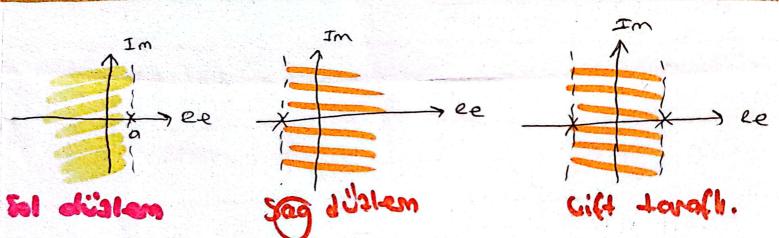
d'a ellik	Zamon domani	Fourier Domeni
Cineerlik:	a,x, (+)+ a2 x2 (+)	01 X, (w) + 92 ×2 (w)
zamon de kayduna	x (+-+0)	ė δωto χ(ω)
frekensta kydr:	elwoth x(4)	X(w-wo)
dlackleme:	X(a+)	191 X ("4")
bualite:	× (+)	2π×(-ω)
zomande kanu:	X1 * X2 (+)	XILW) X2(W) [cosp.
formenda carp:	X, (+) . ×2 (+)	1 ×1 × ×2 (w)
Zamonda Türev:	d x(t)	Ju X(w)
Frekensta Türev:	4 × ι+)	ار <u>ط</u> (س)
Zamondo integ.:	_∞ -∞ -∞	1 Xcm) + x X(0) 8(0
parvesal:	& evel	I Siximila dw
$X(w) = \int_{-\infty}^{\infty} \chi(t),$	e-Just 4t	1 San Ul
\(\alpha\) - \(\begin{array}{c} \alpha\)		

X(~~) $X(\circ)$ Ayerk 5(0) $\frac{e^{\int \Omega}}{e^{\int \Omega}} + \sum_{k=-\infty}^{\infty} \pi S(\Omega - 2\pi k)$ U(1) 2 × 5 S(1 - 2 TK) T [(S (-2- No -211 K) + S (-2+ No-201 (00 (20 n) Ju DICE(V+V0-54F) - 2(V-VO-54F) Sin (-20 n) 67-5 a u(n), laket -a u(-n-1), lal>1 $\frac{1-9^2}{1-29\cos x+9^2}$ an, 1914 B sinc (Bn), OLBET 1 rect (-1 -271k) e-1-2(M-1)/2 (sin (M-2/2)) U(n)- U(n-M) (e)-2 a)2 n. an u(n), 19/4 CamScanner ile tarandı

62 ellik	Lamon clomeni	Fourier Domesi	
Lineeslik:	a,x, (n) + a2x2(n)	91 X1(2)+Q2 X2(-2)	
Zamonde Kaydımı.	X(n-no)	6-7-500 X(V)	
frekersta kydr:	69vou X(U)	X(~~~~~)	
Yulcari Grnekleme	(1M) × (n) youi ×(n/M)	X(MA)	
Asagi dinekteme	(144) X(0) 4 GU! X(HV)	$\frac{1}{M} \sum_{k=0}^{M-1} \chi\left(\frac{x-2\pi k}{M}\right)$	
Konvolúsyon	X1 * X2(0)	λ' (v) χ ⁵ (v) .	
Carpma	X1 (4) - X2(V)	1 5 x, (8). x2 (1-8) de	
frekonsta tirev	ባ አ (ህ)	3 9 × (v)	
fork alma	X(n) - x(n-1)	(1-6-7-1) X(V)	
Accumulation		X(V)+4X(0) \(\int \int \int \(\lambda \) \(\lambda \)	
$\chi(-v) = v$	7 x(n), e ⁻¹ n		

xca	X (3)	BOC
2(+)	1	Tum s
O(+)	<u>1</u>	Re(3) >0
-u (-t)	1/3	Le(s) (0
t^ u(+)	<u>\(\begin{align*} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</u>	les>0
-t^u(-t)		ee(5) (0
e-a+u(+)	2.40	ee (3)) in
-e-ot u(-t)	2+4:	ee (3) (-9
tne-94 (14)	(240)u+1	ee(s) > -9
- f , e - ot n(-t)	(24¢) U41	ee(s) <-9
cos(mot) o(t)	251+m22	<u> ۱</u> او (ن) > ٥
310 (mot) n(t)	52 + wo2	Re(S) > €
e car(ws+) u	S+a (Sta) 2-+ Wo2	ee(3)>-9
e_at_iv(mot)n(t)	(240) 5 + Mb5 Ma	ee(s) > -9
W		

Jillecö	Jones	Coplace	eoc ,
Dogrusallik	a, x, (4)+ax2 (4)	ar X(2) + ar X5(8)	RINEZ
7 amonde kayduma	x (+-40)	e-sto X(s)	e
5- domaninde	e ^{Sot} x(+)	X(2-80)	e+ le (so)
blacerieme	x(a+)	1 X(3)	م2
Eslevik	X* (1)	X*(5x)	و
Zomende turev	9+ X(1)	S×(s)	e
S 2 smerthde threv	-+ x(+)	45 X(2)	2
jutedral Jowargs	2 x(c) dc	1 3 X(s)	2n { ee(s) > 0}
			Ŧm



x(A) S (n) (0(0), -U (-n-1)

X(3)1

7-1

4 (2-1)2

(7-1)²

7-9

TU'm 7 12121

12/<1

171 >1

17/<1

141>191

12/c/a/

1717/91

17/6/9/

n v(n)

-nu (-n-1)

a 0 (1)

-9 U (-n-1)

1. a v(n)

-n, anu (-n-1) an an s(n)

7-9

(7-9)2

(7-9)2 ea/7

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io adhik	4-enren	4 domeni	606.	
Degrisallik	(acx, (n) + a2x2(n)	a, x, (3)+a2 x2 (3)	21022	
Helene	X(n-no)	子-up×(4)	e	
modslasyan	an x (n)	X (a-17)	lale.	
ters cev.	X(=n)	X (1/3)	e-1	
71 de turou	√ λ(⁰)	-7-d X(A)	2	
fork alma	X(U) - X(U-1)	(1-7-1) X(3)	en 17170	
konu.	X1 * X2(n)	X1(3) x2(1)	e10e2	
=> 501 +arafli => 500 tarafli => \$10111 50/eli				