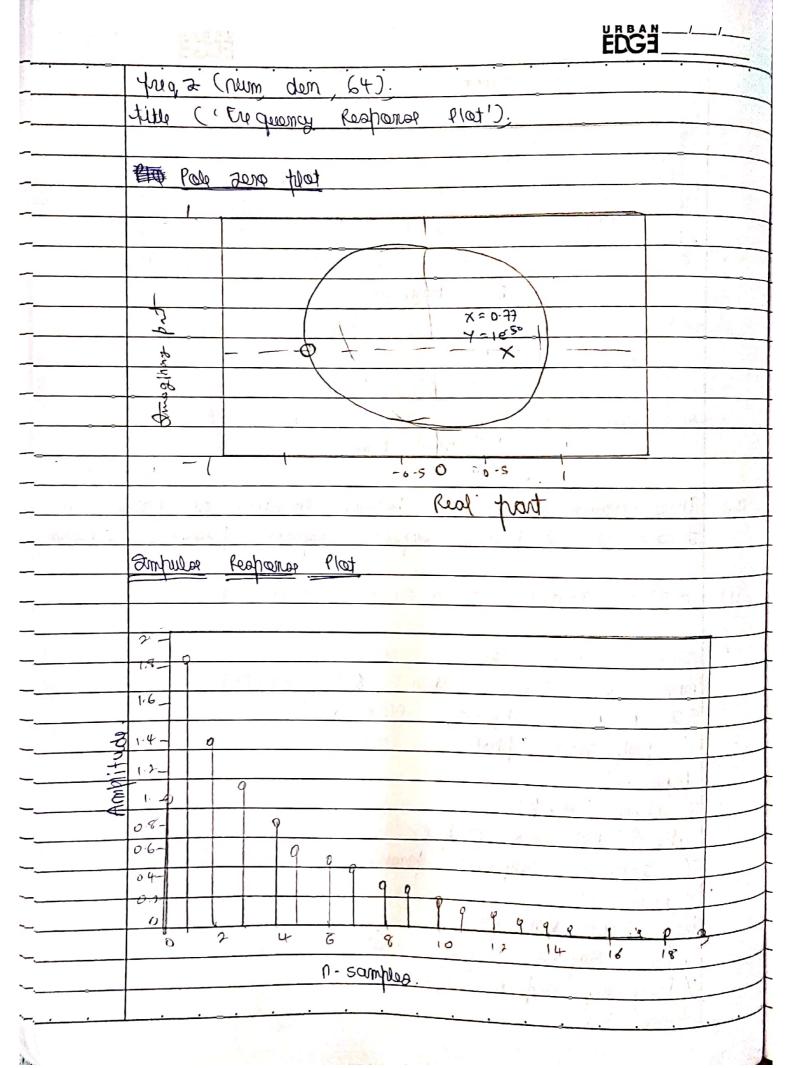
	EUG3
	Tujanjalo-3
	abjective - 3
	Erequency domain representation of discrete time.
	Engliency Damain Response
Ø1	write a function that can synthesize a variety in the form.
	$x(4) = \text{Re } \begin{cases} \sum \chi_{\pm} e^{32\chi_{\pm}/6+} \end{cases} \qquad \text{for = fundamental}$ $+=($
	For to = 25 Hz, Xx = 74 for x odd.
	o for & even.
	Plot $x(t)$ for $N=5$ 10 and 25. Explain what happens whom $N \to \infty$. The algorithms when $N \to \infty$ and the analysis with $N \to \infty$ and Listen to the cases $N \to N \to \infty$. From that the sampling frequency for in sound (x, t_0) is high all outsides.
->	Clean; clc; clt; 7 = 0.12; Dum = 0; to = 25. ts = 1000; 1. Change to and N value
	N = 25. f = 0. $f = 1$. While $f < T$.

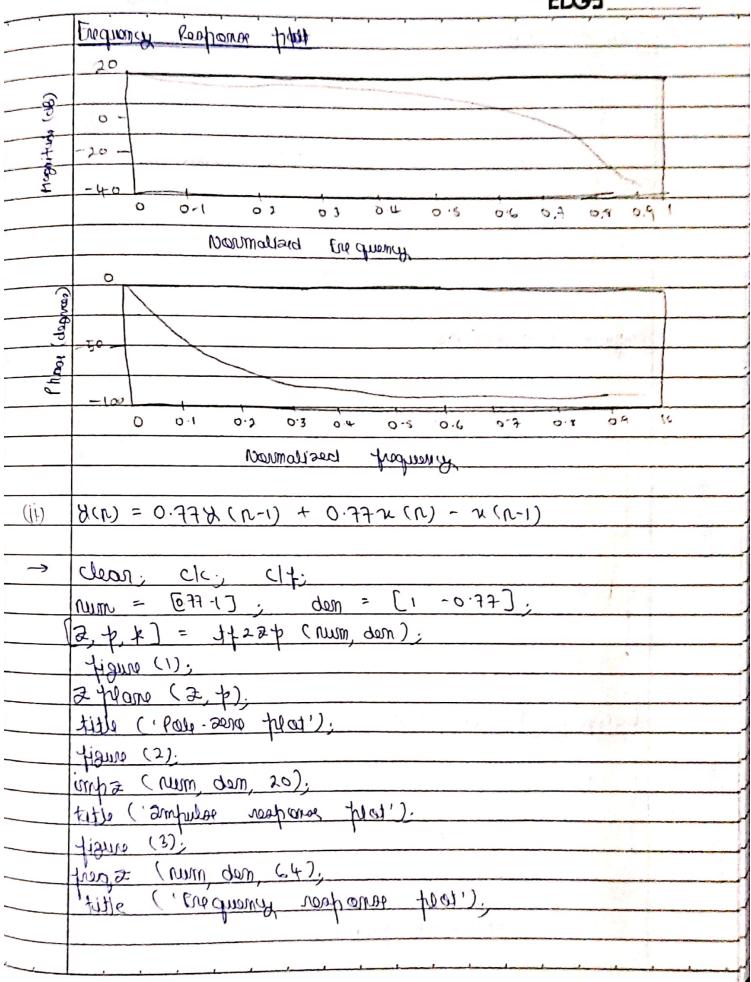
EDGA 0.2066] [0.2066 0.4131 0.1958] - 0.3695 Q_{i} trega (b, 01, 64); Response) (, the drown of Erequerry baragasi 0 0-1 0.1 03 0-4 0.5 0.6 .07 0 \$ Normaliaed Fre quercy (x n sad / sample) 0.2 0-1 0 3 0-4 0-5 0.8 0-9 1 Normalian DI. plat 1.5 o of 0.06 0.02 0 .00 0.12 Scanned with CamScanner

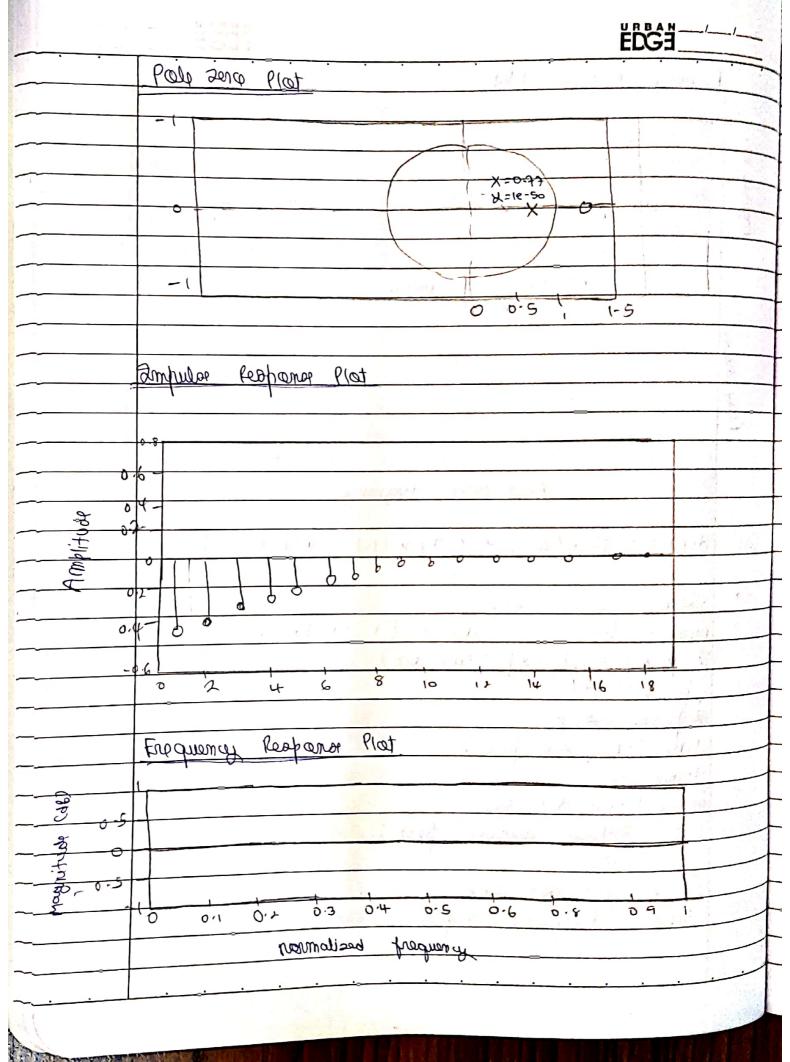
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104 Relevance and tool	the room and imaginary
	magnitude and those
	amoine Lated Burino
puro re po combo	0.
•	
G (e ^{Jw}) =	12,620
1- 29 ८	OB (0) e + 42 e - 32 w
-> clean, clc;	
that 0 = 60 * pi + 180	7.5
on = 0.5;	
w = - pi : pi / 100 : pi	<i>y</i> 1
don = 1- 2+1 * cos	(thata) + enp (-7+w) + 1/2 enp
	טונונר-)
$C_1 = 1./dom$	A STATE OF THE STA
subtrat (221), plat ((w, real (G));
Lititle ('Roal thant')	
subflot (222), plot	(w, mag (a)),
title (& amaximany)	(on)
pull-flot (223), flot	(w, abs (G)).
tille ('Magnitudo')	
subflot (224), filet	(w) angle ((n));
tible ('Phase')	Start.
	to9 enc
Rea Part	0.5
1.5	
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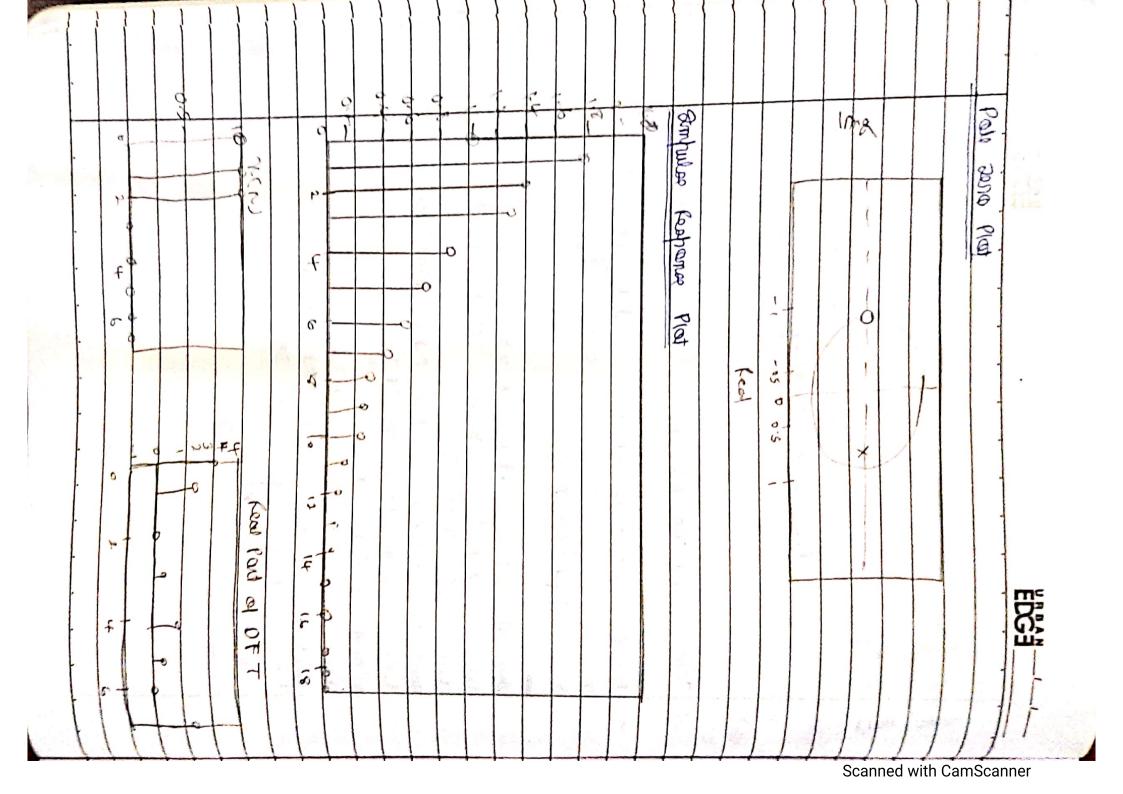
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	0 20 40	
	DIFT magnitude.	داهی
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	digital frequency	The state of the s
	76	-
Q6.	Three domains: Relation between location	bone relat to
	+1 eans goes, essentini enost & ni assers	redrains respond
(1.)	$\lambda(0) = 0.77 \times (0.0) + \lambda(0.0)$	- 113
<i>→</i>	clear, clc; clt;	. Page 1
	Num = [1 1]; dem' = [[1 -0.77]	
	[] + k] = + + 22+ (num, den);	270
	1. how serve frost	
	tions (1):	
	2 trans (2, p);	
	toly ganogaer salwfurg !	
	+igure (2);	
	limb (aug dam 20).	
	title ('Empulse Response Plot').	
	tigure (2):	
	tigune (2);	
	•	(1)







			0	relabel (Smotor (x)').	'Emmay hout a DFT'	sub-last (224), stem (kt, imag (no)).	- t 0]	(andon (+)	F7'),	subjust (222) stom (xx, real (xb)).	([0 70 1]).	(' ~ (n) '), ~ made) (dat (221)	> (or 'qn) +++ =	[11 00 000]	→ N=8. pr = 0: (N-1). pr= nn.	(11) 11/100 000 J	(年)	Manup Ma breitsman	1 6.0 8.0 t.a 9.4 S.0 tro g.0 vo 1.0 0) (31)	-	neon	100	
		,		,											-	ļ				Scani	ned	with	Cam	ıSca	nner	



												To a		J		5			9	2					(D8)	
aubiliat (325), stom. (J. 1, imag (V)).	('Ve(x)')	Just (3	July ((Re) (&); BLOM (4.4, May (V));	title (venen (n)).	Aubited (321) stem (nn, veven).	Voda = 449 (voda N).	- tyt (venun,	= 0.5 × (4.0	(y elvem = 0.5 x ((y + 1) - old);	2-1020 = CO(1) & (N:-1:2)).	V: 444 (V,N),	4 = James (1, N).	7	Class, clc, c/f;	Con a won tenth amount of the control	20 115. P.7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(1) 1 0.5 (46 D) - 17 (10 D) A (10 C) (10		-0.5 ()4 (M) + ()4 () M (s promodo longia.	get V(1) and them try the following	15 on 16. Compliate OFT of GOD &	the MATLAB Junction rand of	Chamerato O was valued tast example of Co)	EDG3
	and the same												-					-		Sc	canne	d with	Can	nSca	nner	

	<u> </u>	} }	} }			}	}			
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		Algural Compromenda	opposition o	00 6	Sm V(4)	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	s t Revices	0.5-	3 0	11/10 ("Im Nie) 1/2) - Ollip ("Am (U) (L)) -
		the	50 50	5		6 6 6	1 0		-2 23)	(4))),
		atractomm or	120 OMB 21		2 Am C	0 0 0			Vodd	Bound .
		Africapi puno	24047 Cauliphed	5 10	am (Vo(UK))		Ne(4)		00(0)	EDG3
Á	11	1	2		1 2				Scanne	ed with CamScanner

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									- Spectrul estimation	mat (+, a)	= 00s (s _n).	0: 10:	Sn = 44 (Sn, 200),	Simil sold (with Omise 1)	other (211) that (4 An)	5+ OWON.	1) (D.S.X (D.Y.X.) + 20)	+ S/n (28 b) 1 240 x 4).	1 .Aim (0 x b) x co. x +) + Sim (2 x b) x 120. x +)	a)/4s.	= 2000 ,	
															,	Scani	ned	with	ı Car	nsca	anne	Γ