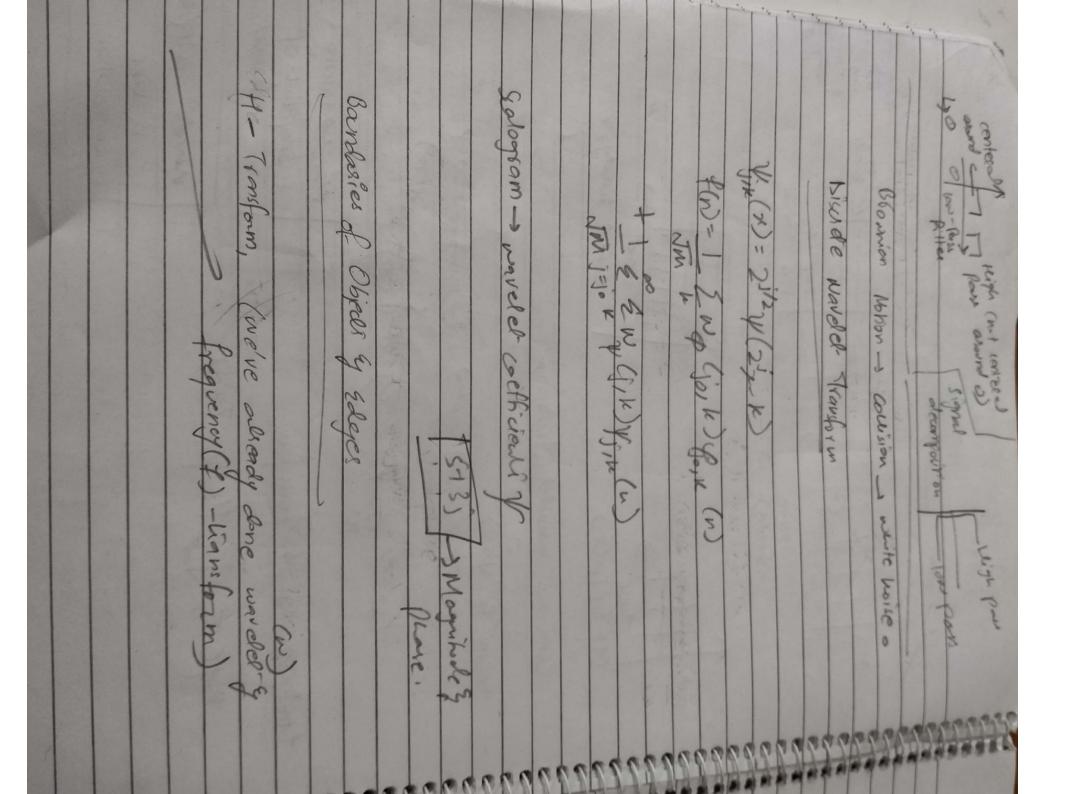
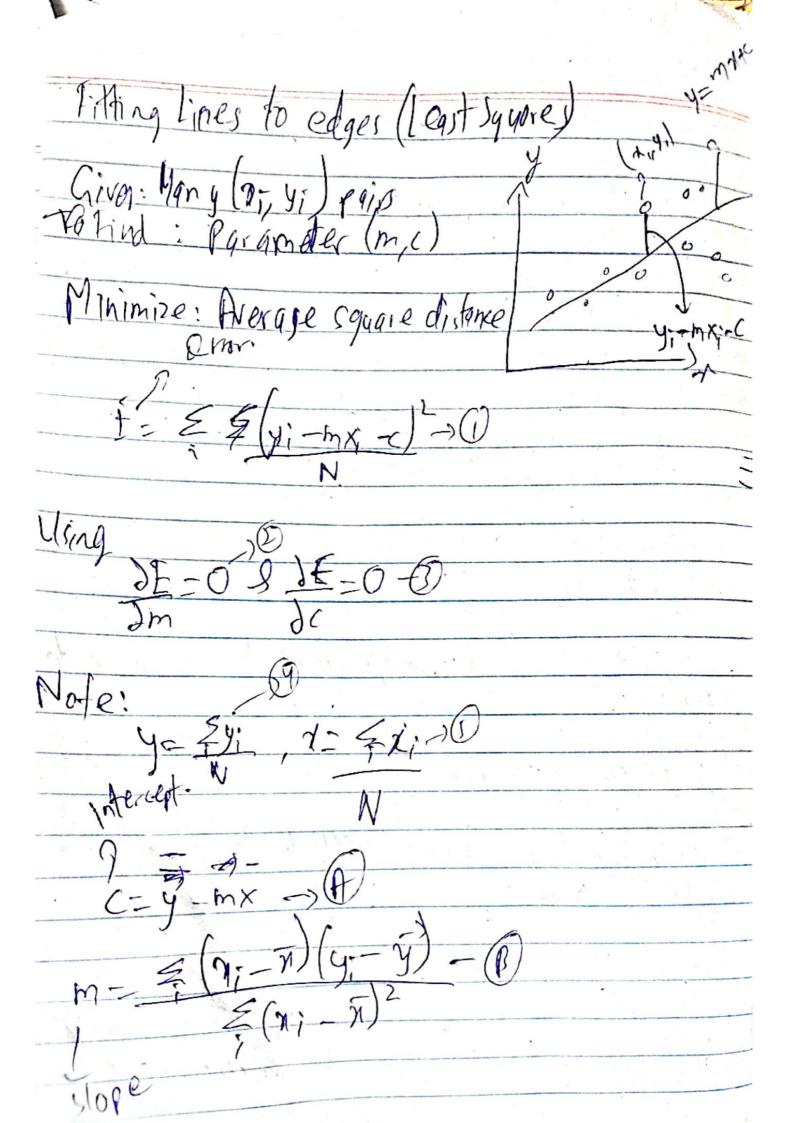
WX+V graz singet i way Fourier -> "Frequency Mothplandporp Freg Time lime bomain (Shannon) Tree, Wavelet - Analys's Wavelet Transform Continuous befine for $\psi(x)$ (x) band-limited and do comparent =0 Ysit (2) = 1 V (x-1) deloy conft inversion Navdet taleing Continuous would francism WACLE)= for father bills unvelet milipuo is like convolution



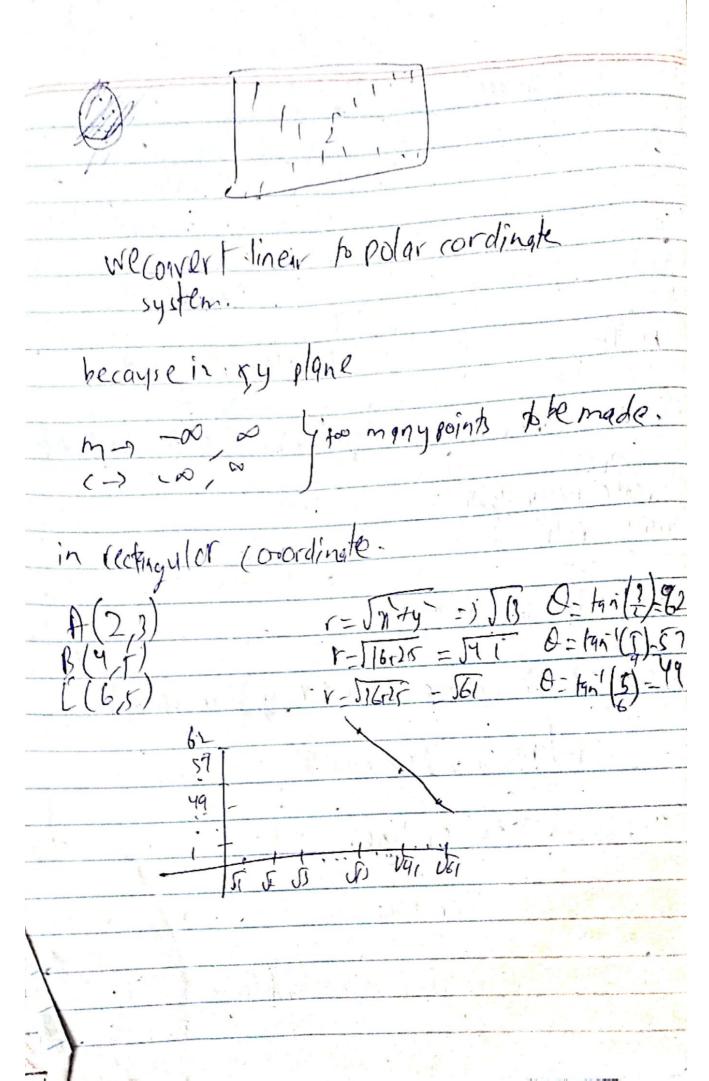
4-Transform-> Haif Transform Lo To delect boundaries Thinning Ima Expand Incomplete boundaires Thresholding Edge Traking Methods Adjust a-priori boundaires Given : Approximate Location of Boundary

Jask: Find accurate Location of Boundary normalso

Given - Approximate Locatio of bound tash: I'md Acquate location of loundry. bounty bistrongelges along normals to approximate bountry · Fit curve (eg., polynomial) to strong edges. Given Boundry lies between A and P.
10sk: Find bandry. ase edges as brakfoint Use edge Point as brook

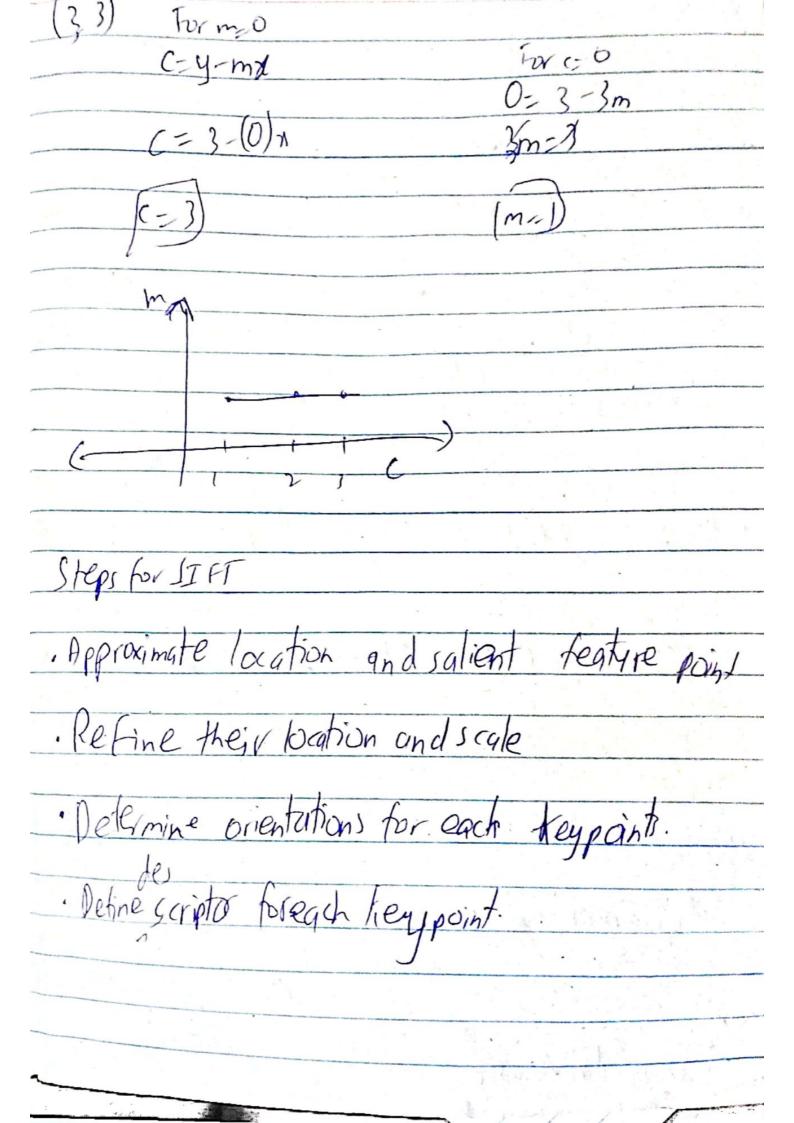


0 1/9/ 4=mxtc yemktc for (44/4) for (x,yy,) + kn, c) Point of interest · Quantize Purameter Scope · Create Accumulator . Set A(mc)=0 V Mic · For each image edge (ni, yi) increment: A(m,c) = A(m,c) + 1If (m,c) lies on line: (=-Mimty; Find the local maxima intelling



Fourier 1 and 18 Aff tankon for hounding detection. DitticalFes thather transformation - How many liner charled page scale invariant teature Will Transform. Wavelet Jan Warelet transforme . Wirelet tranform. Thised fodeled ung tatires. what is correspondence of egulyre relevancy. : joentity (bistingt feature) .Local feature (colour size](7;4;) you change fro take pichie is the terrire 5 Intensity of Proxe! do end hange · direction of edges

Problem:	
	- fo(11) (2.2)
Using H-Trynstom stouthet the p and (3,3) are collinger	oin! (1,17,61)
Solytion:	and what the street of the str
y=mx+(-)()	
For $(1,1)$ $(-y-mx)$ (0)	
# 1:0 in eg 6 (1,1) -> m:0 in eg 6 (m) =	(I,I)
m=0 in eq6 (m)=	
(2,2)-)(2,2)	2,1).
$(3,5) \rightarrow (5,5)$,))
(11)	form, O
$(-y-m\chi)$	= 4-0(21)
(=y-mx)	En
0-1-1-	
m=1	
$\left(n-\right)$	
(2,1)	
0-2-2m	-4-0(n)
2m-1 (=	
n I	



7(1,y) * Filter(1,4) Lauseign Eitter S(7, 4, 0) +7 (7,4) Pitternie of Gauxan. If hausiantegture is high it. Don is high. there are no salient jegture. tegues nhimille.

Taylor series.

1' order, 2nd, 3rd derivative. Hersian Matrix It defines derivatives in a matrix H= [Dxx Dxy]
Dyx Dyy] about the local feature streture and the key point. and minimal principal curvatures of the Surface)(1,9)/1-2. of the Don function at that point. Wavelet Heff L(7,4,0) = G(1,4,0) + I(1,4) $m(n,y) = J(L(n+1,y) - L(n-1,y))^{2} + (L(n,y+1) - L$ Q(7,4)= J tan 1((Llm,4+1)

