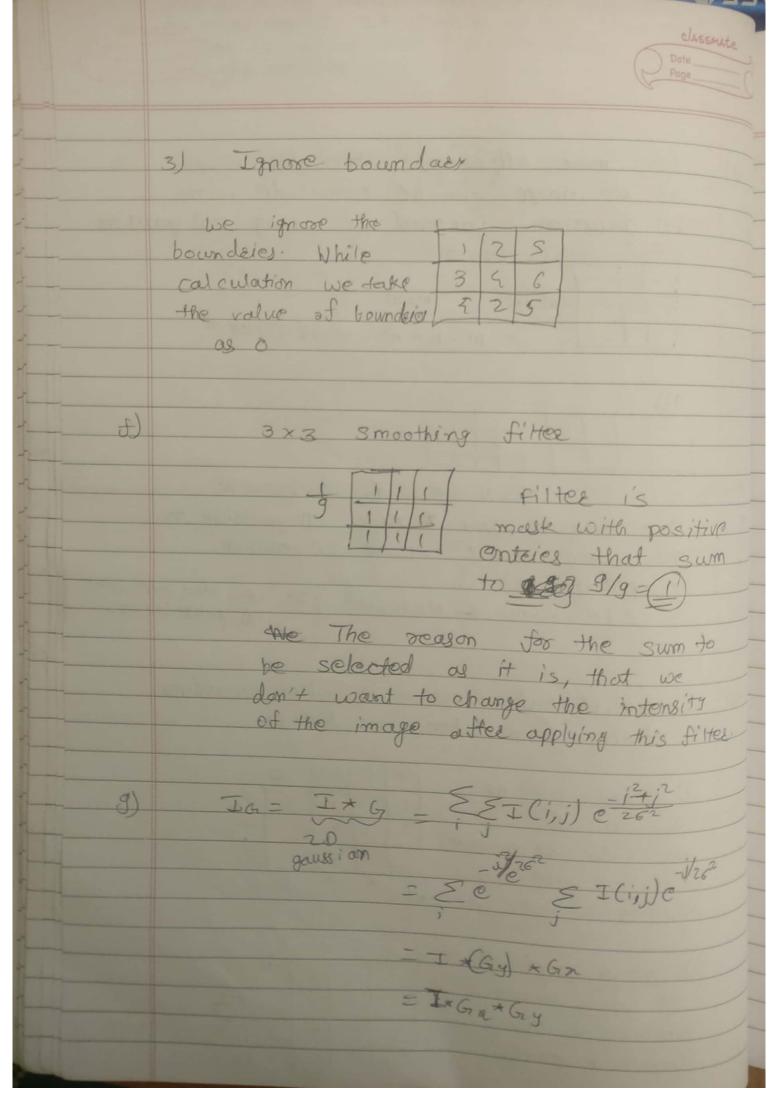
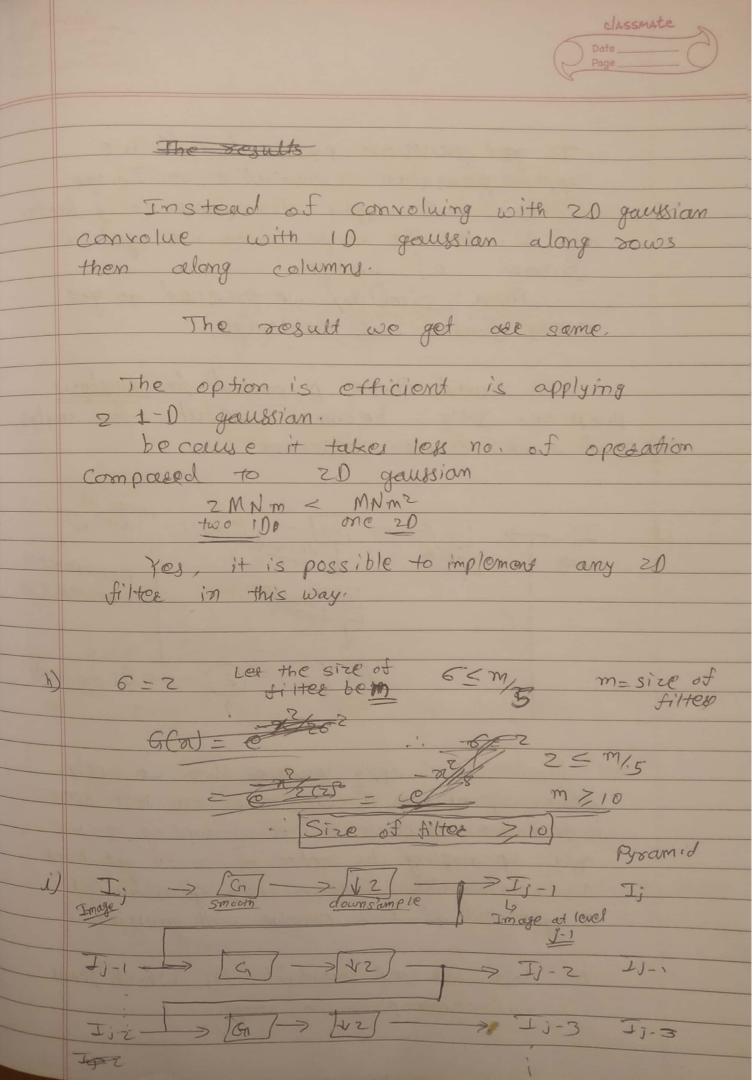
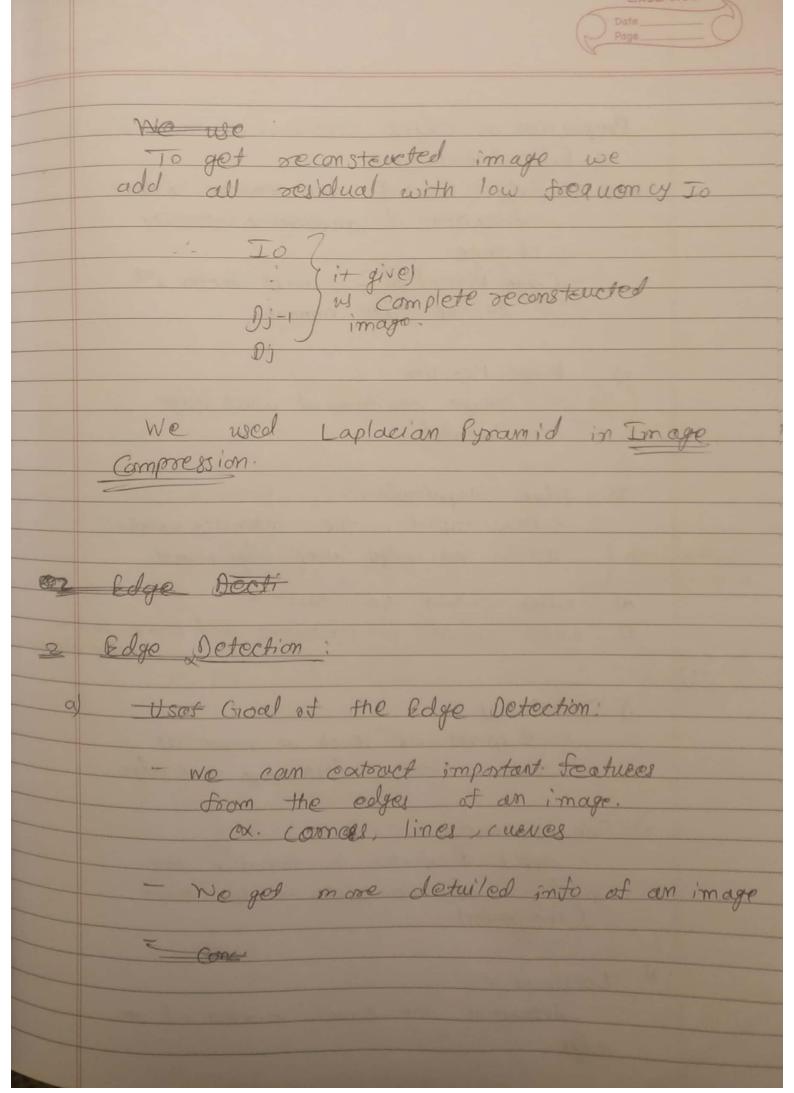


Scanned by CamScanner

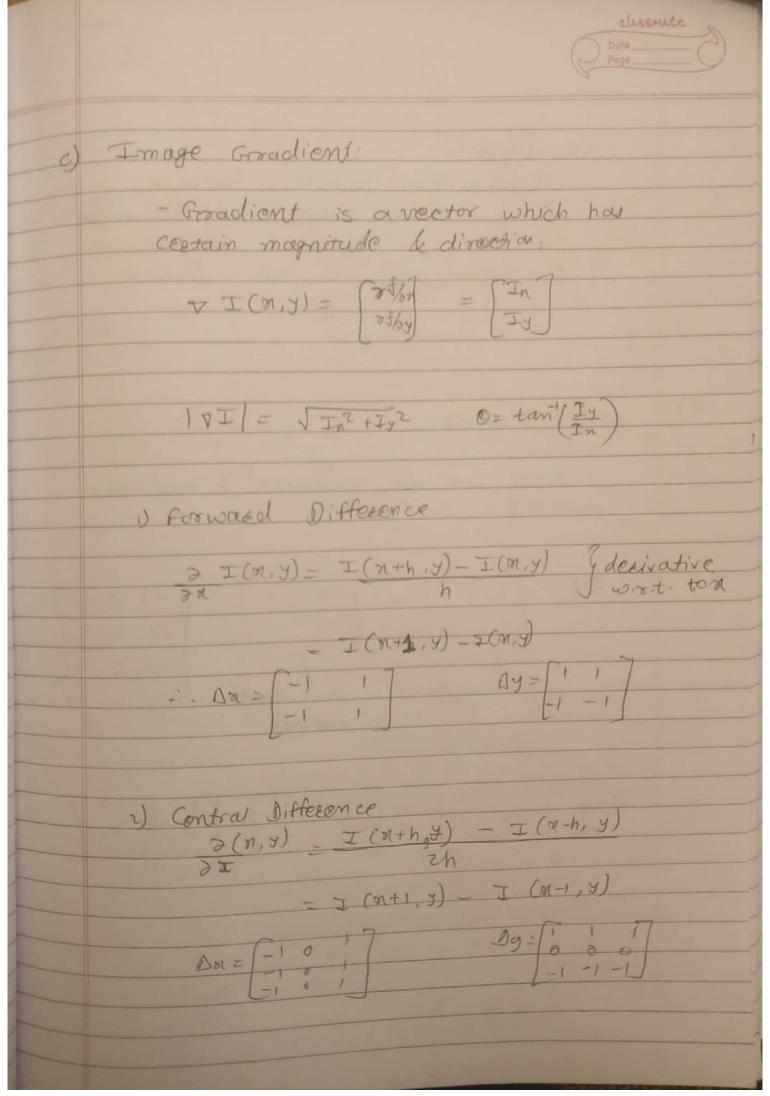


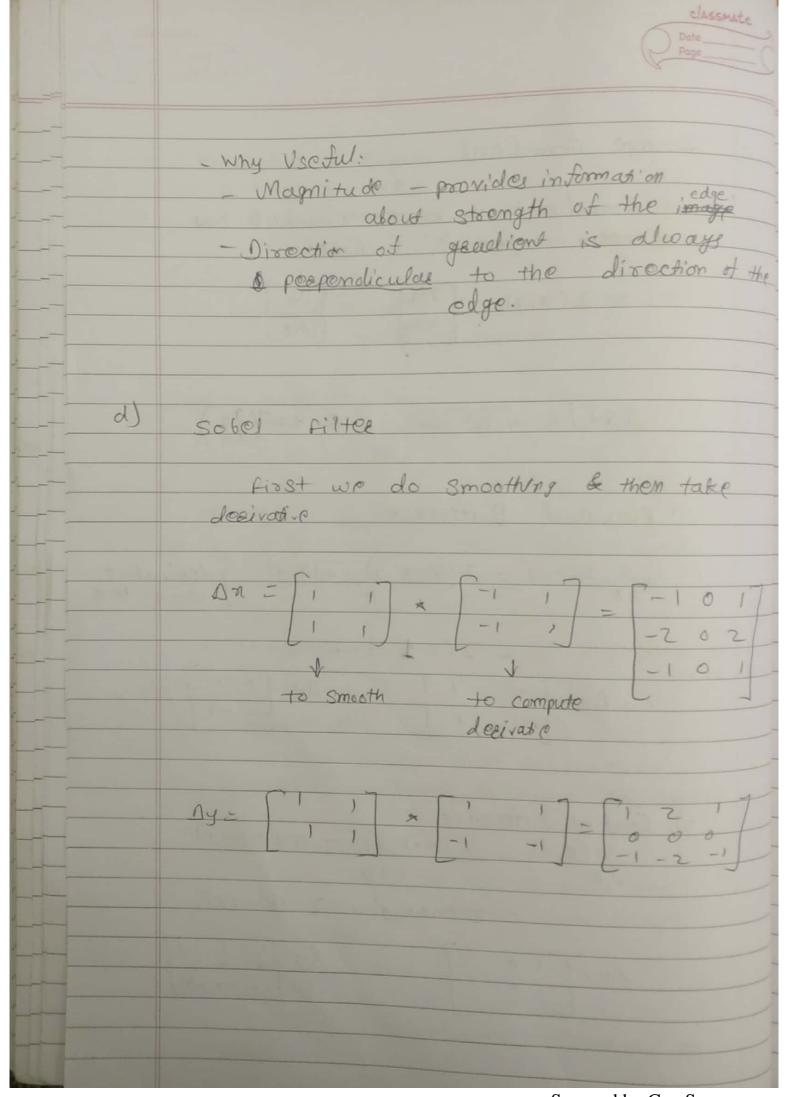


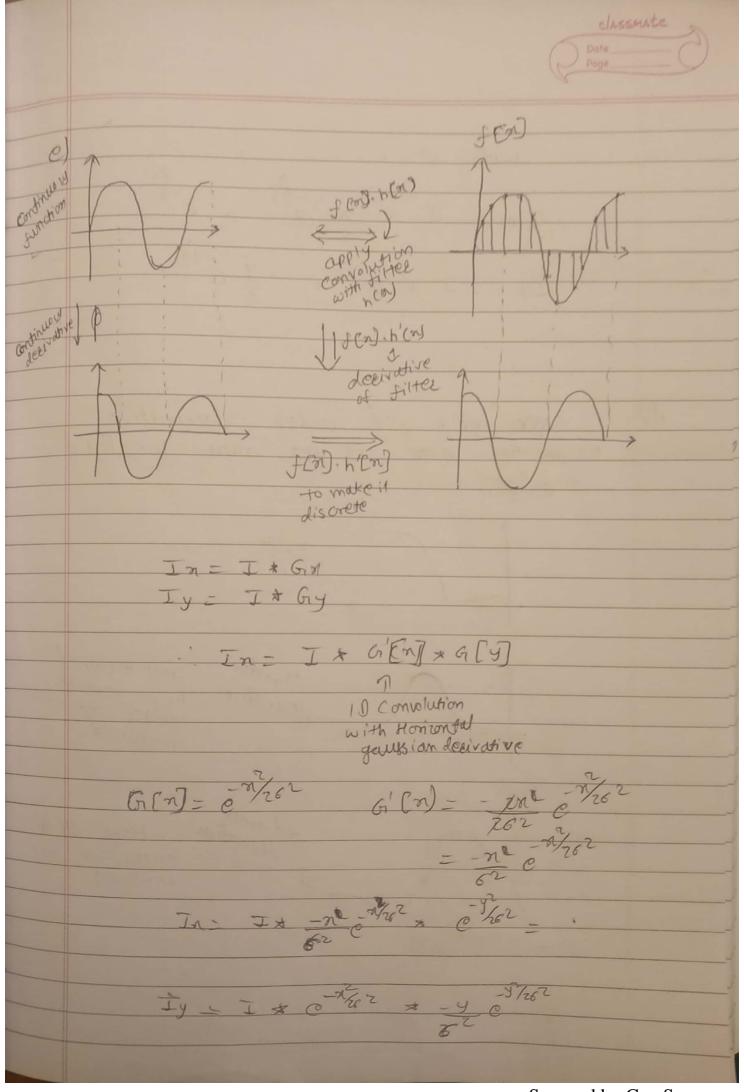
To got gaussian pyramid, ist we apply gaussian convolution on Image & then we apply downsampling by factor of 2 on the image. Here we get , St frame of Image. every frame of the image. we build these pyramid for analysis puepose. It's become useful for analysis of each some- after on i mage at 1 downsample 1j-1 Reconstruction process > Di residualy first we apply gaussian, then we apply down sampling on image. Here we lost some in formation be cause of down sampling, so we apply upsampling by factor of z to get back 10st information. Now, we apply gaussian (61) to get sid of block convolue with gaussian. At last, we get regided Di which shows Small corruption in Image



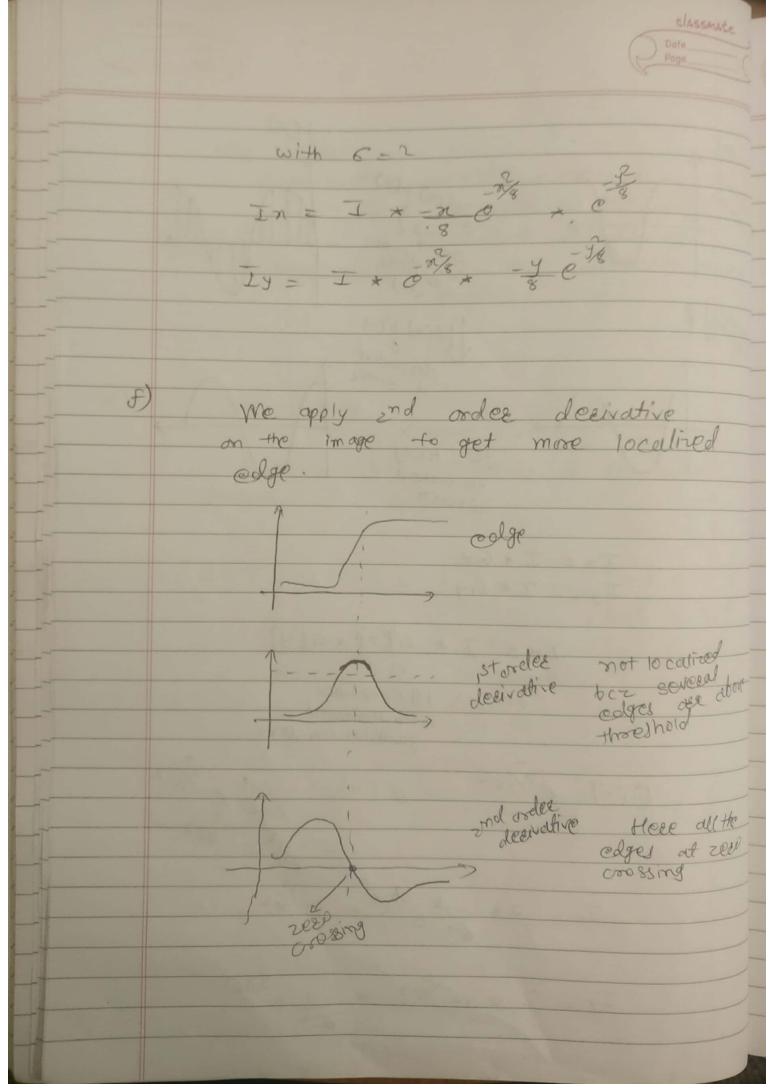
	classmate
	Date
-	
	Proporties of edges:
-	1) Edge Orientation
	1) telge orientation - felge Normal- unit yester in the
	+ dge Mosnico
2	direction of maximum intensity
	change
	- Edge Direction - unit vector tal
	to the edge normal
	The eagle man
	2) Polgo Position
1	- image position at which codge
	is located
	3) Rolge Magnitude
-	- How sapid is the intensity vaciation
3	aceoss the edge along edge normal.
	n) Edges should be consistent
	5) Edges should be invaciant and correspond to
-	scene dem
<u> </u>	
) Smoothing
	: suppress as much at noise as
	possible, without destroying tout edge
	2) Enhancement
	apply a filter to enhance the
	(shaepening) continue the
	(-noepening)
	3) Localization
	: determine the exact location of an
	edge.
See Land	ALL PROPERTY OF THE PARTY OF TH



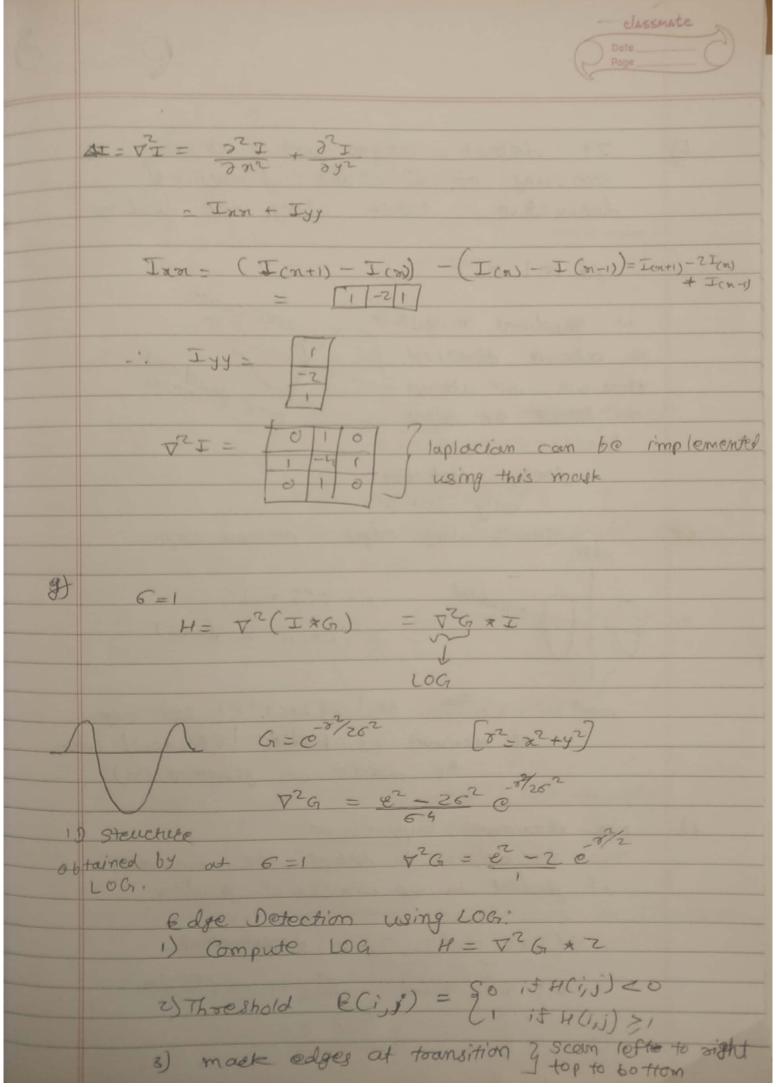




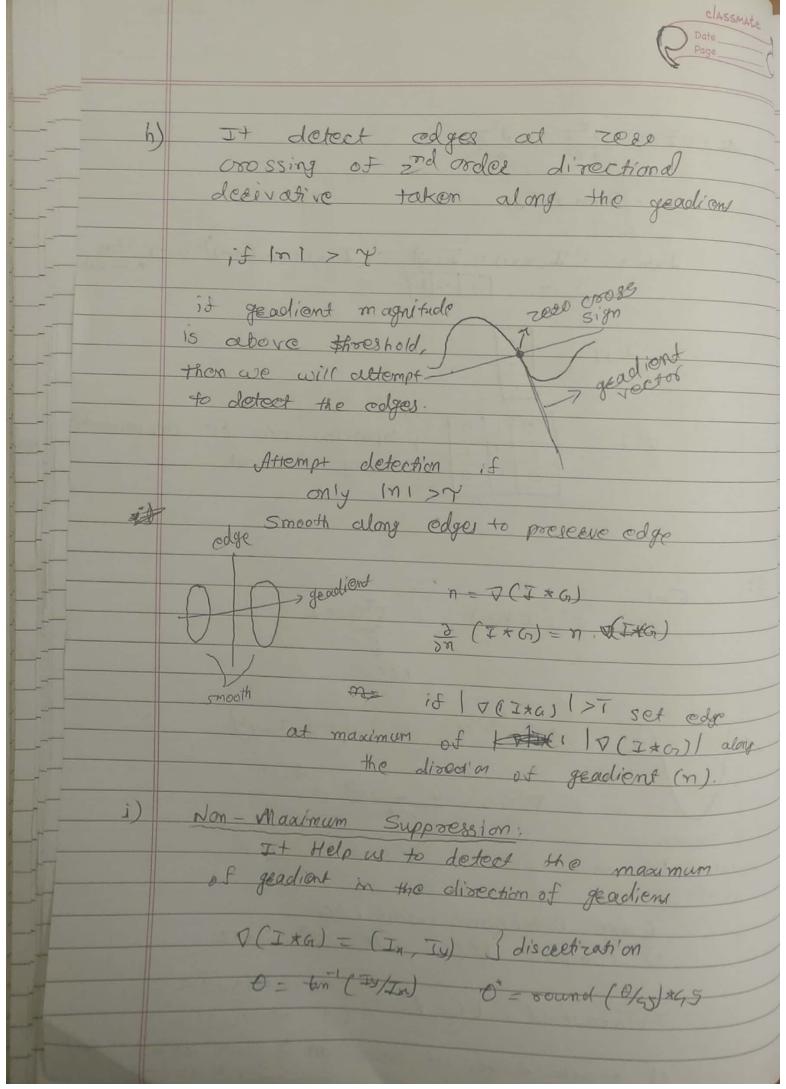
Scanned by CamScanner



Scanned by CamScanner



Scanned by CamScanner



Scanned by CamScanner

	Classmate Date Page
Compase neighbous after discontinution E(i,j) = 51 if (V(I+cr)) is otherwise	naximum
Hysteesis Thresholding:	
Uses High The way High Threshold why High Threshold	reshold
Ti => Inother start value to ke	pep toacking
1) Intially areay of visited pixe (1,j)=0	els
2) Scan image top to bottom, lo if v(i,i) && v = 1 > Start tracking an	
3) Seach for additional neighbour orthogonal to NI such that IVII > 7.	ees in disertion