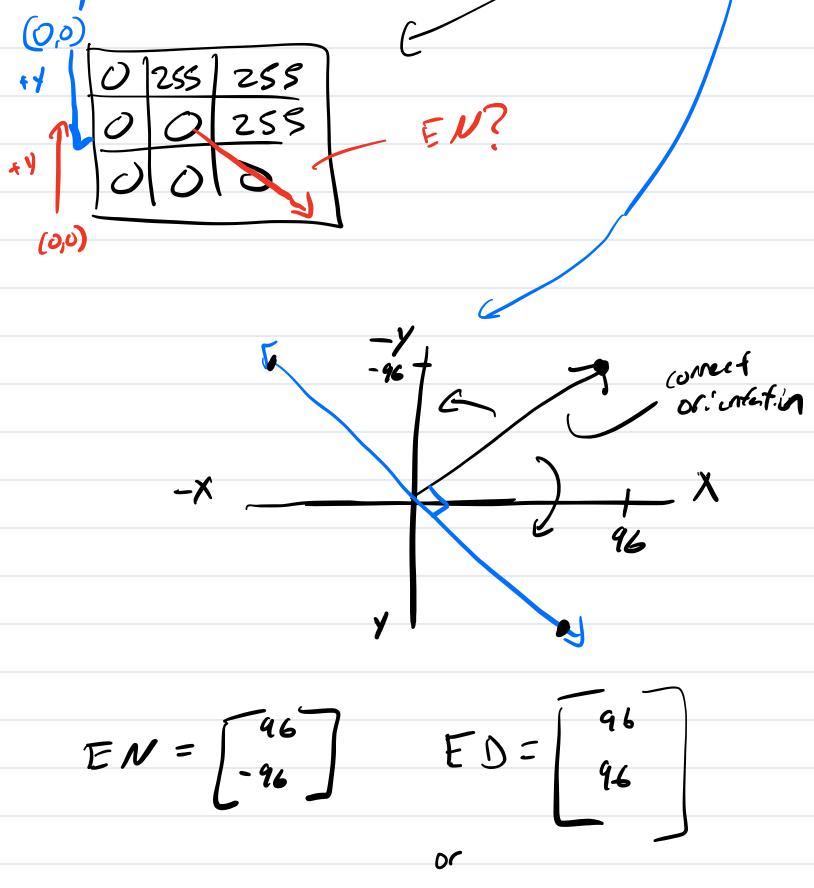
Elge detection Cont

255 Edge Normal = -1(0) + 0(255)+ 1(255) ->+-2(0) + O(0) + 2(255) 255 4-1(0)+0(0)+1(0) => 3.255 = 765.8 = [96]

- 4 N



Canny operator

- Many different Comy operators

* Most videly used edge detector.

returns a single response

(edges are 1 pixel wide)

Step 1 - apply a low-pass spatial
frequency files

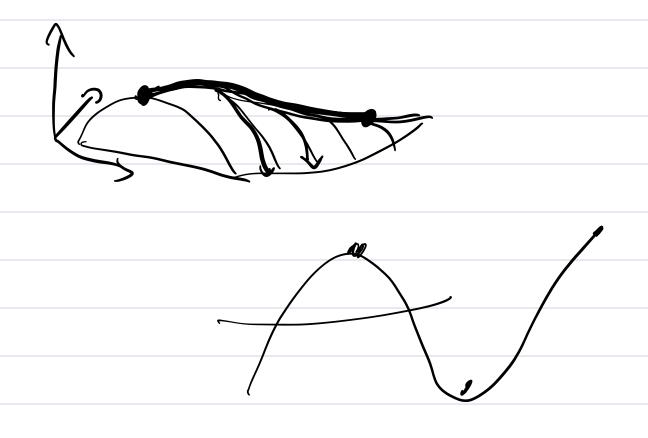
(baussium blur)

Step 2 - apply a first-order differential mash.

(Sobel operator)

Step 3 - non maximum suppression in volving suppred interpolation of pixel edge magnificate insesty.

(Determine the local edge normal and direction and more e:thes many along the normal (Slape) the current location is local maximum.



4) Historesis thresholdhy

Normal thrusholding

