Lect 2

Friday, March 4, 2022 6:25 AM

Canny image : The image is used for edge detection.

Three argument Passed in canny.

One is image,

Second and third is threshold to define Pixels must be checked

Erosion : To remove noise from image

Three arguments
- img Canny
- Kernel → a numpy array of 1's
  - move all over Pixels
- Iterations → The number of times whole Picture got covered.

dilate :

Increase Thickness of edges.

Three arguments
- Canny img
- Kernel → a numpy array of 1's
  - move over all picture

Kernel Movement on image :

↳ Iterations → The number of time whole Picture got covered.

⇒ Creating image from numpy array

⇒ Drawing Rectangle on that image.

⇒ Drawing Line and circle.

⇒ adding text on image.

Color detection :

Color detection Main Concepts :

- Open cv. works in Bgr format (can say opasite of color rgb)
- hsv is better for color separation.
- If we have to provide color to shapes and texts

(drawn on image read by opencv) we use bgr format.

- Contours takes boxes that are present in some color range
- open cv image coordinates will be