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Comparison for Gray image Detection Algorithm

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Outline:

- ❖ Abstract
- ❖ Edge Detection
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- ❖ REFERENCES

Edge detection :

❖ Edge detection has vital role in detecting shapes in an image. This process significantly reduces the amount of data in the image. Goal of the edge detection is to detect the edges of the regions with a color sharp color difference in a picture

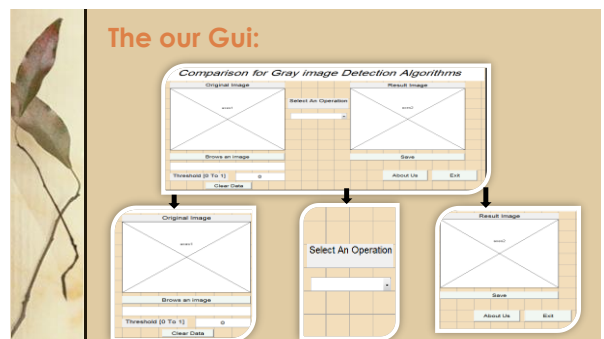
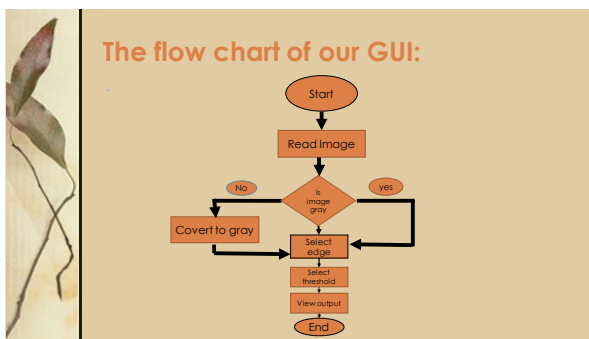
- 1) Sobel Operator
- 2) Robert's cross operator
- 3) Prewitt's operator
- 4) LOG
- 5) Canny Edge Detection Algorithm

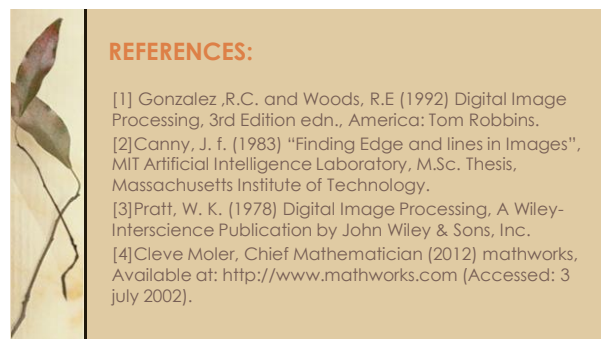
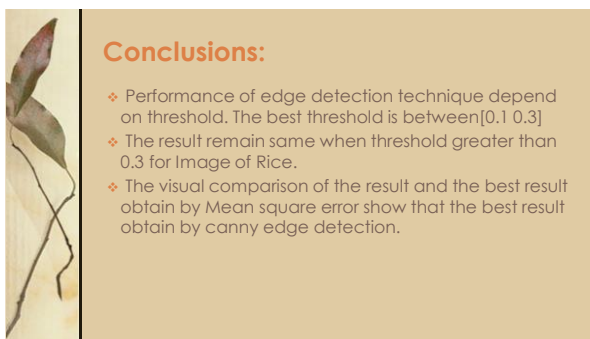
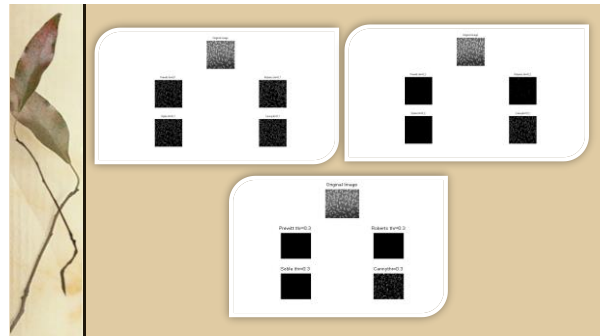
Design Gui :

❖ Stands **Graphical user interface**

How is this useful?

1. Visually interaction with data is often similar and more intuitive
2. Faster manipulation of data
3. Easy to learn







Thank you