Computer Vision Assignment

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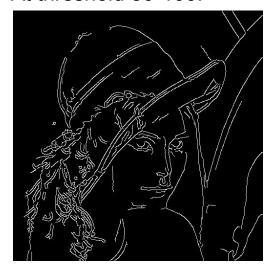
Roll no.: B2330026

Original image:



For Standard Deviation 5:

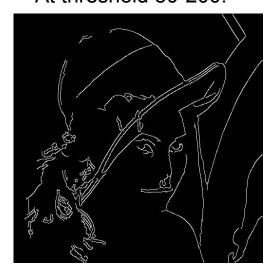
At threshold 50-100:



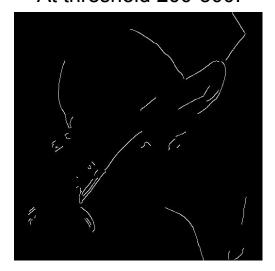
At threshold 100-200:



At threshold 50-200:

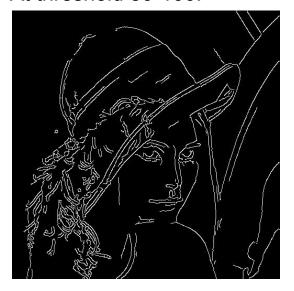


At threshold 200-300:



For Standard Deviation 10:

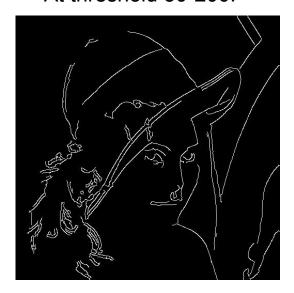
At threshold 50-100:



At threshold 100-200:



At threshold 50-200:



At threshold 200-300:



Conclusion:

- >> As the Standard deviation is **increasing** number of detected edges also **increase**.
- >> As the higher and lower threshold values **increase** number of detected edges **decrease**.