

Computer Vision Assignment

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Original image:



For Standard Deviation 5:

At threshold 50-100:



At threshold 50-200:



At threshold 100-200:



At threshold 200-300:



For Standard Deviation 10:

At threshold 50-100:



At threshold 50-200:



At threshold 100-200:



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**.