

CSE281: Image Processing

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Lab: Thursday 1:10 – 2:50

ld: 221101235

Program: AIS

Dr :Gamal El-Din Fahmy FALL : 2023_2024

Task of Image coloring



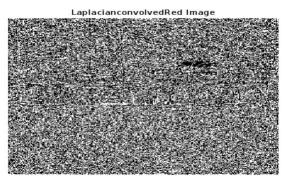


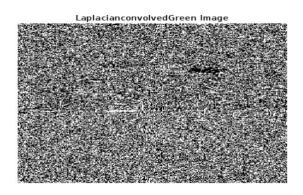


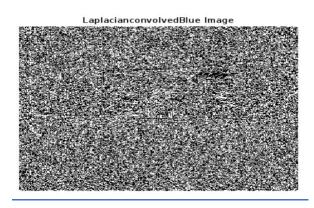
















SharpeningconvolvedBlue Image

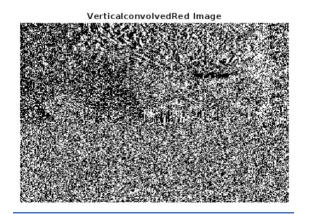


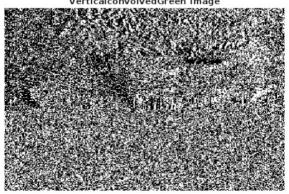
SharpeningConvolved Image



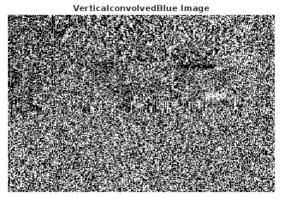


VerticalconvolvedGreen Image

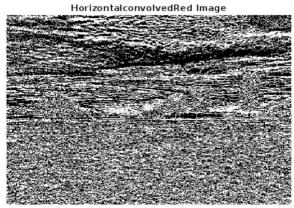


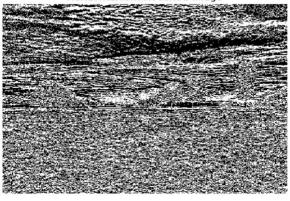


VerticalConvolved Image

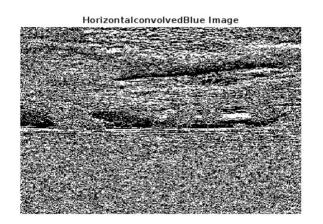


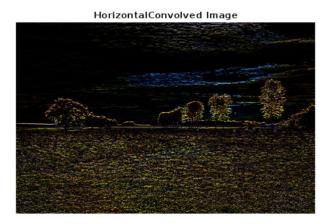




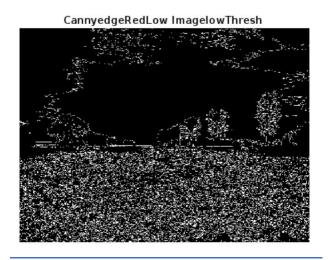




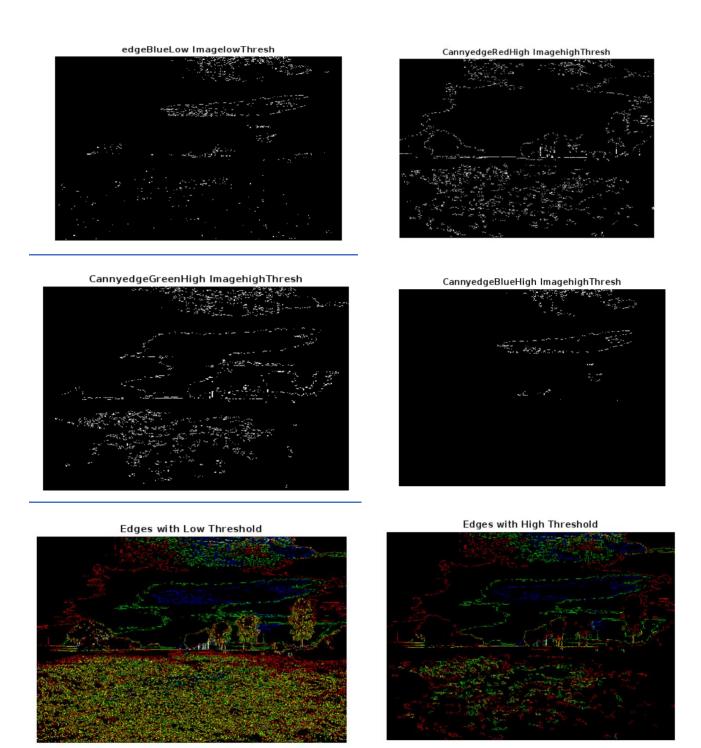




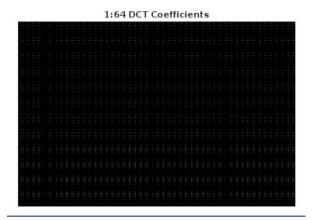
Task of Edge Detection

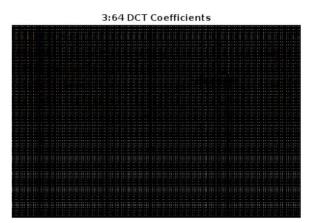


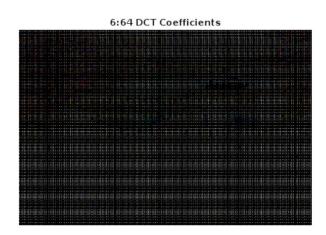




Task of Image Compression



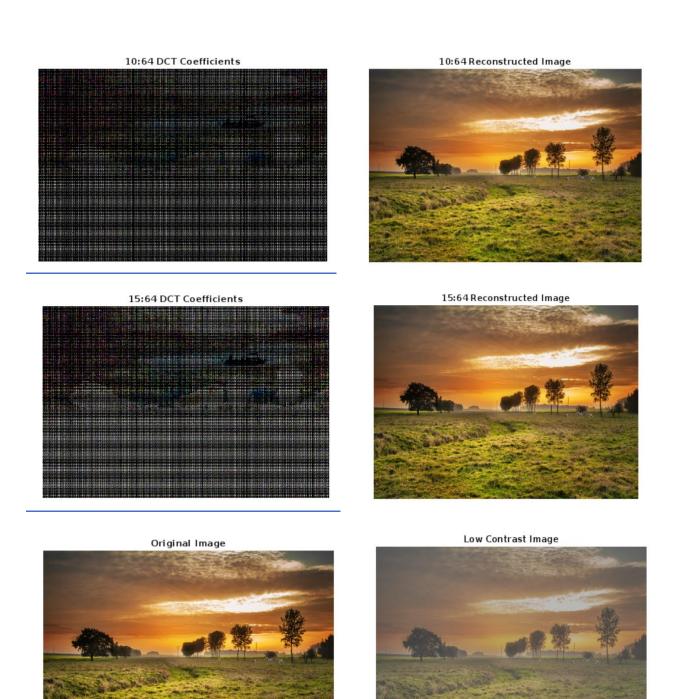












Task of Image Enhancement

contrast adjustment for Low Contrast Image





γ=1.2 Low Contrast Image



γ=0.2 Low Contrast Image

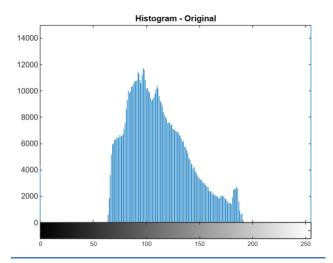


γ=0.8 Low Contrast Image



histogram equalization for Low Contrast Image





histogram equalization to red channel for **Low Contrast Image**



histogram equalization to blue channel for Low Contrast Image

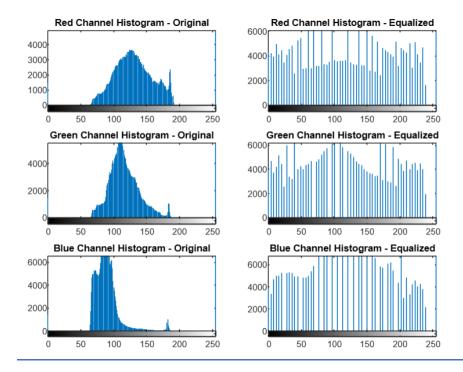


histogram equalization to green channel for Low Contrast Image



Histogram Equalization on Each Channel for **Low Contrast Image**





Video:

