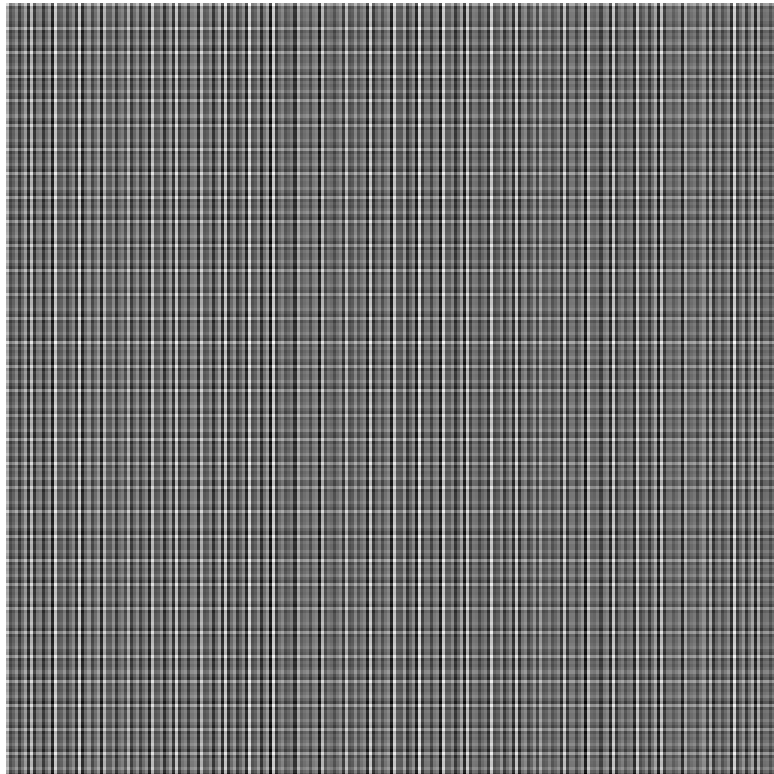Daniel Browne
EECE 566
18 May 2022
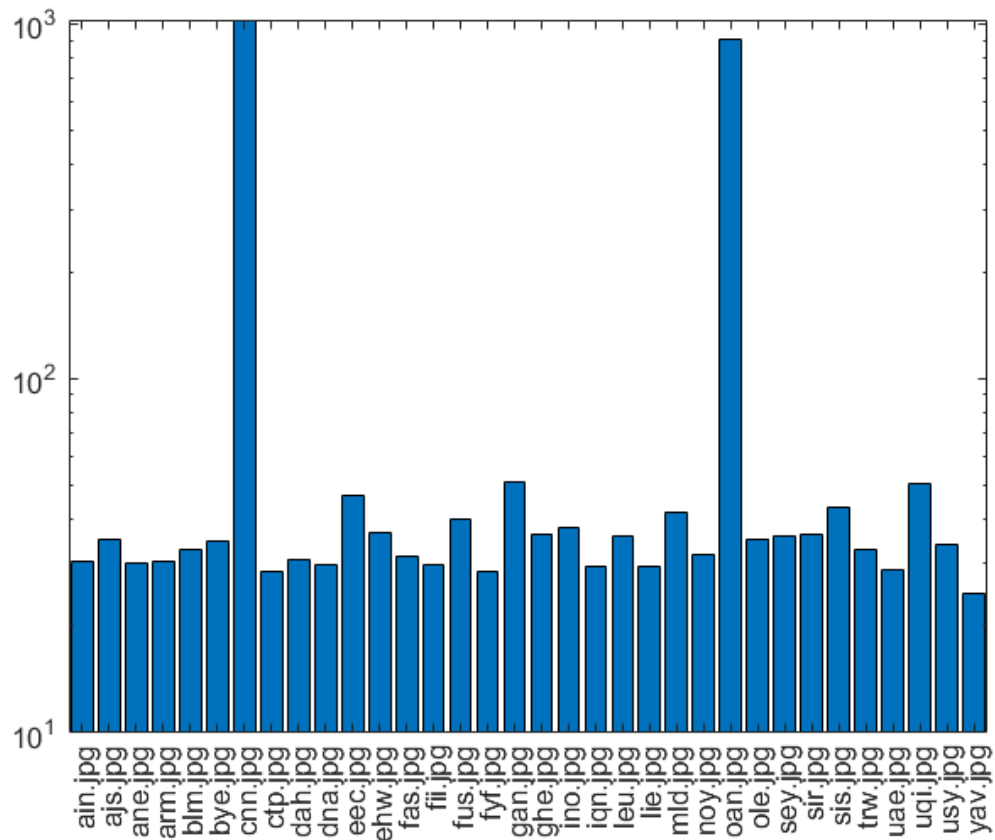
Final Project Data and Analysis

256x256 PRNU Difference:

   The difference between the original PRNU and the pre-processed PRNU resembles a "plaid" pattern. Since each row and column had its average subtracted from it, the image above shows the effect those averages had on each pixel. Each pixel is the combination of its row and column averages.

Plotted PCE Values:

       With the above graph it is clear that two images stand out by having significantly higher PCE values than the rest of the images. This means that both "**cnn.jpg**" and "**oan.jpg**" were captured using the Canon 6D full-frame 20MP camera in question. To confirm this, the 3D NCC plots show a small point where the cross correlation is at its highest.

NCC Mesh Plots:

NCC for cnn.jpg

NCC for oan.jpg