

Lab 2

In this laboratory class, I learned that there are several ways to compress images, each one with their own advantages and disadvantages. Now we can easily compress an image without losing any information.

These algorithms usually work by eliminating the redundancy, saying/coding the same information in less space/words. The algorithms we worked were lossless, this means that we don't lose information in the process of compression.

There are also compression algorithms that are lossy, that means that some information is lost during the compression. These algorithms can be good if we are more interested in the data compression than in the that itself but for pictures these algorithms will make the pictures lose detail.

Lab 3

In this laboratory class, we learned how to make filters and what are the effect of them in the images. When applying the filters to images we can remove the noise of it but depending on what filter we use, we can also affect good parts of the image.

Filters are important to recover old/damaged pictures and to improve certain parts of the images.