IMAGE COMPRESSION

Image ➤ DCT ➤ Quantization ➤ Compressed Image

Compressed Image ➤ De-quantization ➤ iDCT ➤ Original Image
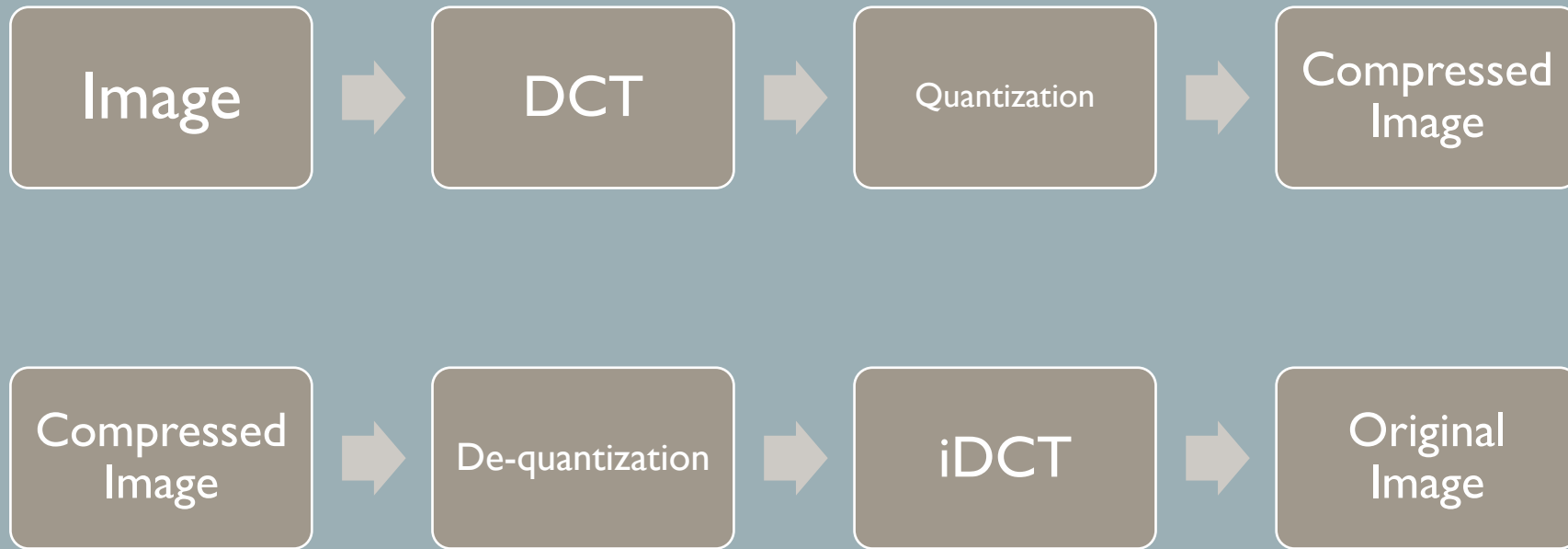
IMPLEMENTATION

Compression
Ratio: 0.1925
RMSE: 5.41

Compressed then Decompressed Image

Number of Bits

Quantization Map

Dragonfly
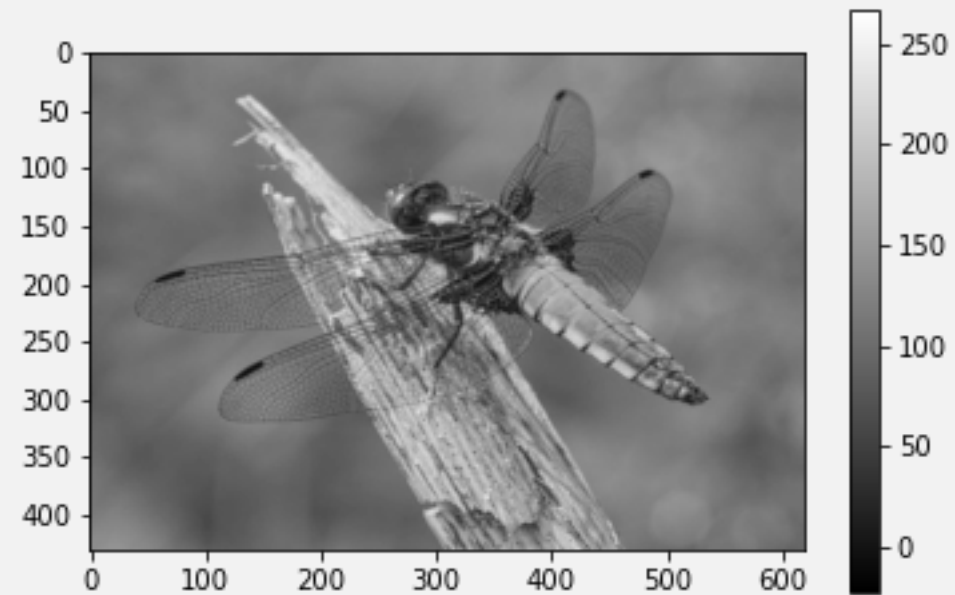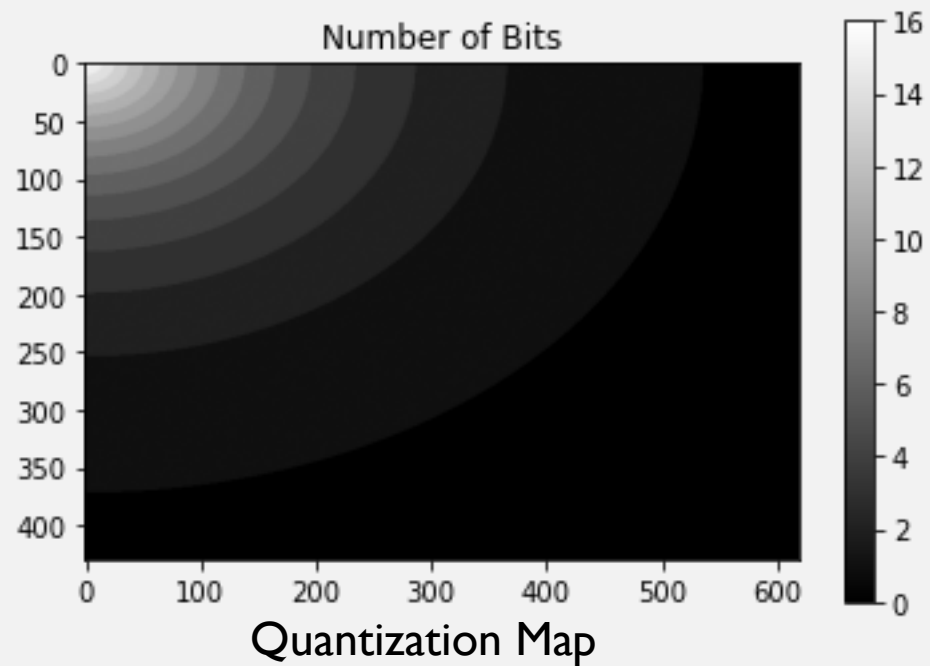
Original Image

RESULTS AND LIMITATIONS
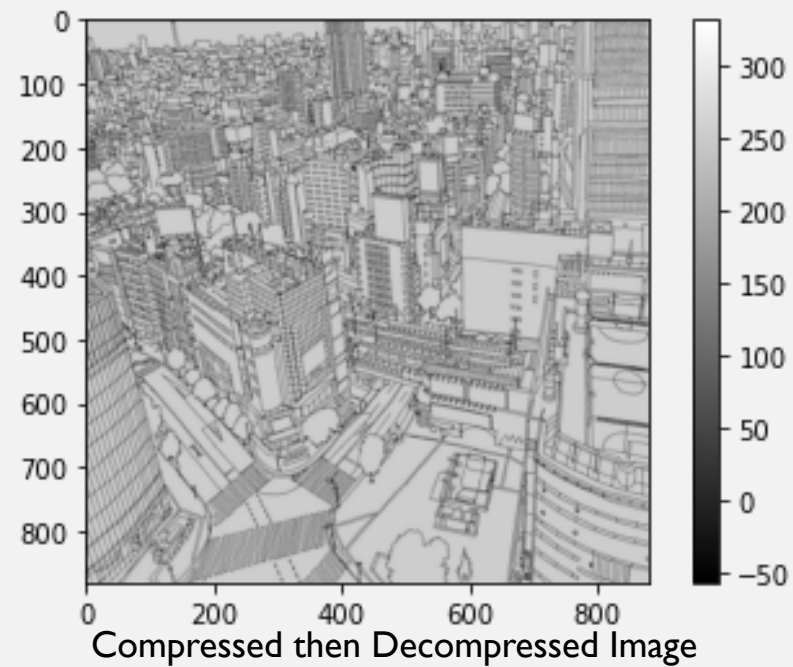
Compression
Ratio: 0.1925
RMSE: 37.32

Compression
Ratio: 0.1925
RMSE: 1.25

Compressed then Decompressed Image

Original Image

Compressed then Decompressed Image

Original Image