

Project 2

INPUT

- 2 totally different images
 - 2 wavelets: bior 4.4, rbio 6.8
 - 1 level: 5
 - 2 transforms: wavelet packet transform, DCT
 - 2 compression factors: 8, 64
- 4 block sizes:
4, 8, 16, 32

OUTPUT

- What is the RMS error?
- How is the visual quality?

- consider the same two images
- Take the DCT and compress by a factor of 8
- What is the RMS error?
- Take the wavelet packet transform
- How much can you compress so that the RMS error is the same as for the DCT?