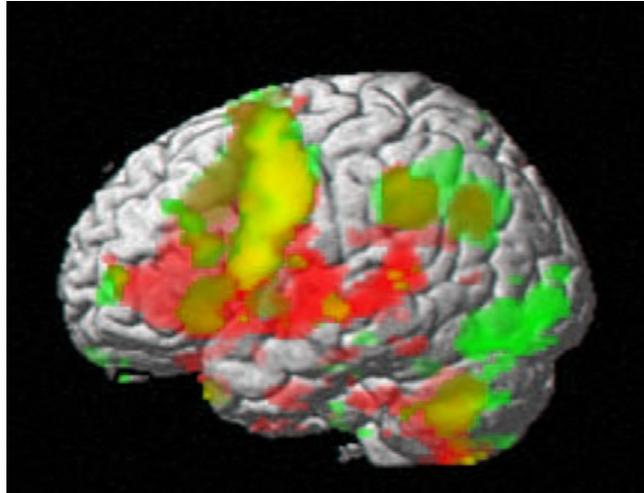


Homework due on 19.04.07

Consider this fMRI image. Link to this brain.jpg file will be provided on the course web page.



1. Compress the image using KLT.
2. Compress the image using DCT.
(Also, try some lossy compression strategies)
3. What is the compression ratio?
4. Compare the original and reconstructed images.
5. What is the MSE?
6. Attach your MATLAB code as well.