

# Assignment 3: CS 736, Algorithms for Medical Image Processing

Alankar Kotwal – 12D070010, Riddhish Bhalodia – 120070003

March 24, 2015

## Part (a)

Figure 1: IFFT of K-space Data

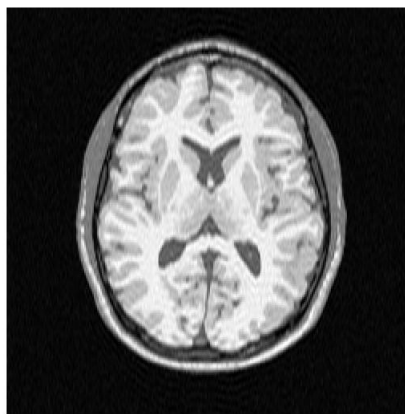


Figure 2: Image reconstructed with Quadratic prior

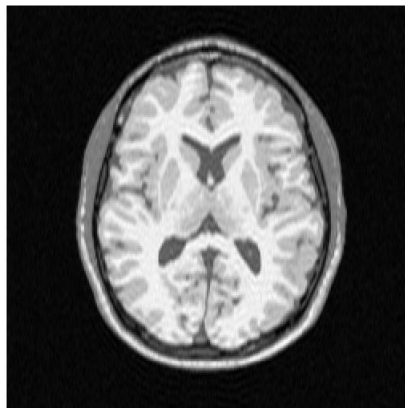


Figure 3: Image reconstructed with Huber prior

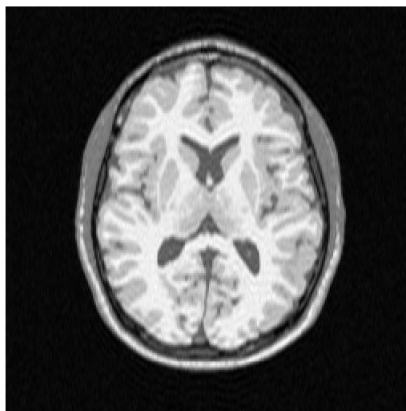
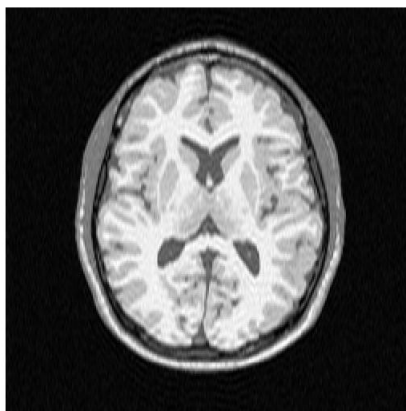


Figure 4: Image reconstructed with Discontinuity-adaptive prior



## Part (b)

Figure 5: Quadratic prior objective function

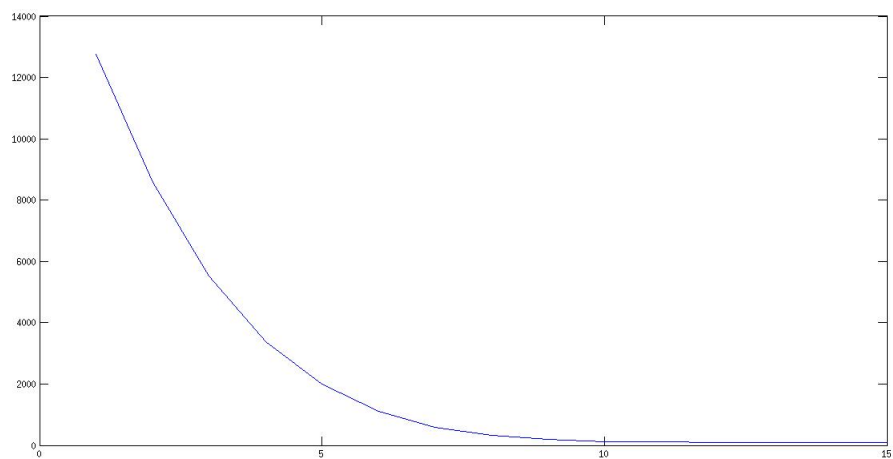


Figure 6: Huber prior objective function

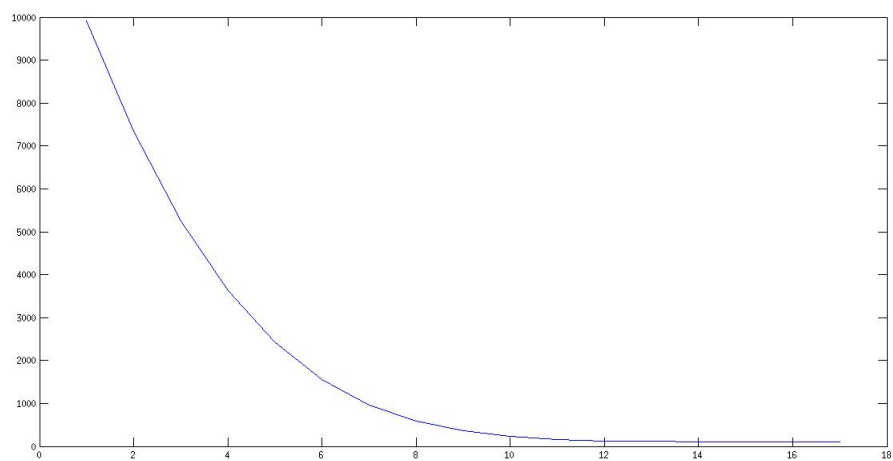


Figure 7: Discontinuity-adaptive prior objective function

