Assignment 3.2

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(a)

Noise Level for Real and Imaginary components Real Noise Level (found from pixels in imageNoisy(1:50, 1:50)): 0.060861 Imaginary Noise Level (found from pixels in imageNoisy(1:50, 1:50)): 0.058865

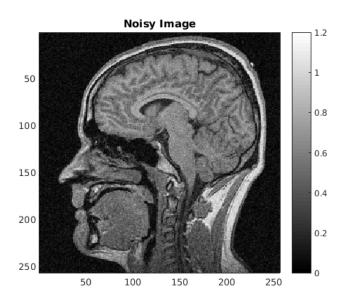
(b)

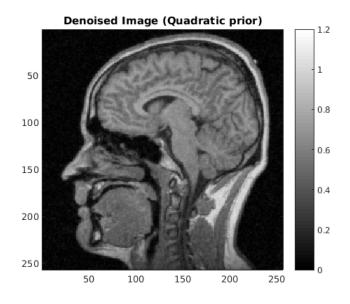
Optimal Values of parameters :

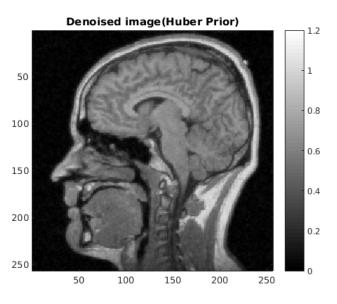
Quadratic Prior : $\alpha = 0.8$

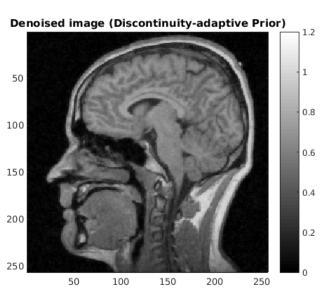
Huber Prior : $\alpha = 0.503, \gamma = 0.0424$

Discontinuity-adaptive prior : $\alpha = 0.5, \gamma = 0.23$









(c)

