

---

*Denoising High noise Using Quadratic Prior*

Optimal Alpha = 0.300000

RRMSE(alpha) = 0.127959

RRMSE(alpha\*0.8) = 0.127077

RRMSE(alpha\*1.2) = 0.130409

*Denoising High noise Using Huber Prior*

Optimal Alpha = 0.400000

Optimal Gamma = 0.090000

RRMSE(alpha,gamma) = 0.124974

RRMSE(alpha\*0.8,gamma) = 0.128008

RRMSE(alpha\*1.2,gamma) = 0.123812

RRMSE(alpha,gamma\*0.8) = 0.125290

RRMSE(alpha,gamma\*1.2) = 0.125045

*Denoising High noise Using Disc Prior*

Optimal Alpha = 0.510000

Optimal Gamma = 0.470000

RRMSE(alpha,gamma) = 0.127112

RRMSE(alpha\*0.8,gamma) = 0.126269

RRMSE(alpha\*1.2,gamma) = 0.131990

RRMSE(alpha,gamma\*0.8) = 0.126688

RRMSE(alpha,gamma\*1.2) = 0.127432

*Denoising Low noise Using Quadratic Prior*

Optimal Alpha = 0.070000

RRMSE(alpha) = 0.046899

RRMSE(alpha\*0.8) = 0.047298

RRMSE(alpha\*1.2) = 0.046739

*Denoising Low noise Using Huber Prior*

Optimal Alpha = 0.440000

Optimal Gamma = 0.040000

RRMSE(alpha,gamma) = 0.045851

RRMSE(alpha\*0.8,gamma) = 0.044419

RRMSE(alpha\*1.2,gamma) = 0.049354

RRMSE(alpha,gamma\*0.8) = 0.044633

RRMSE(alpha,gamma\*1.2) = 0.047168

*Denoising Low noise Using Disc Prior*

Optimal Alpha = 0.250000

Optimal Gamma = 0.600000

RRMSE(alpha,gamma) = 0.046724

RRMSE(alpha\*0.8,gamma) = 0.046222

RRMSE(alpha\*1.2,gamma) = 0.047995

RRMSE(alpha,gamma\*0.8) = 0.046489

RRMSE(alpha,gamma\*1.2) = 0.046903

*Denoising Medium noise Using Quadratic Prior*

Optimal Alpha = 0.200000

RRMSE(alpha) = 0.116242

RRMSE(alpha\*0.8) = 0.116189

RRMSE(alpha\*1.2) = 0.117105

---

*Denoising Medium noise Using Huber Prior*

*Optimal Alpha = 0.590000*

*Optimal Gamma = 0.040000*

*RRMSE(alpha,gamma) = 0.114694*

*RRMSE(alpha\*0.8,gamma) = 0.112858*

*RRMSE(alpha\*1.2,gamma) = 0.122527*

*RRMSE(alpha,gamma\*0.8) = 0.113188*

*RRMSE(alpha,gamma\*1.2) = 0.116337*

*Denoising Medium noise Using Disc Prior*

*Optimal Alpha = 0.180000*

*Optimal Gamma = 0.470000*

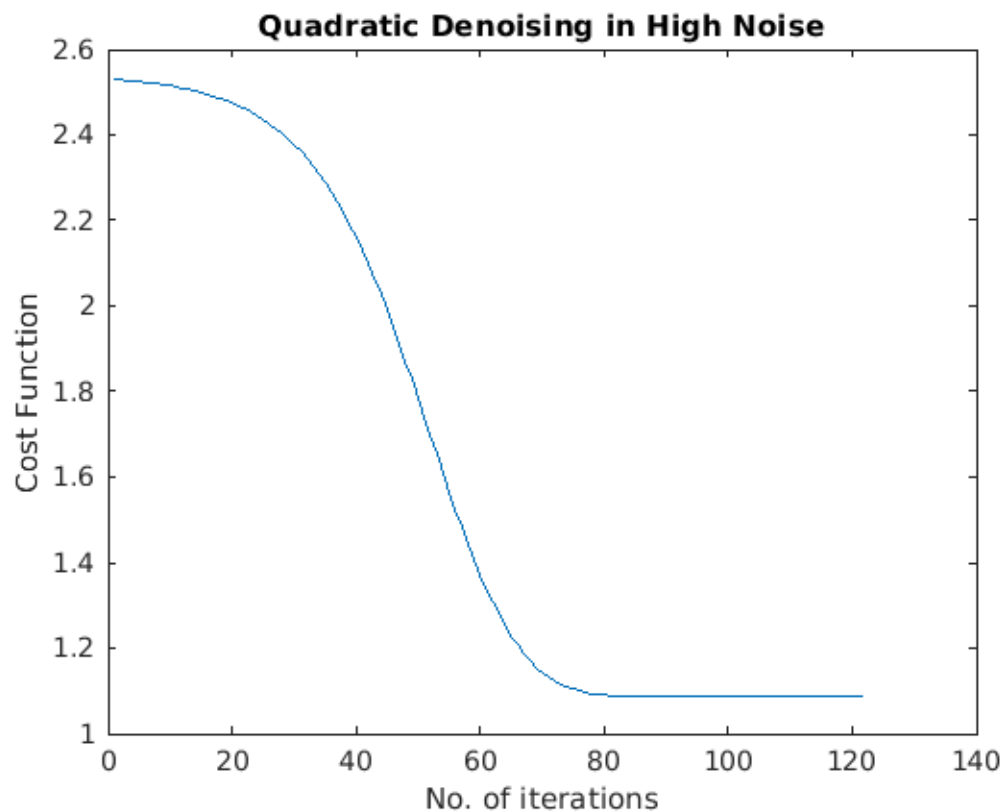
*RRMSE(alpha,gamma) = 0.046724*

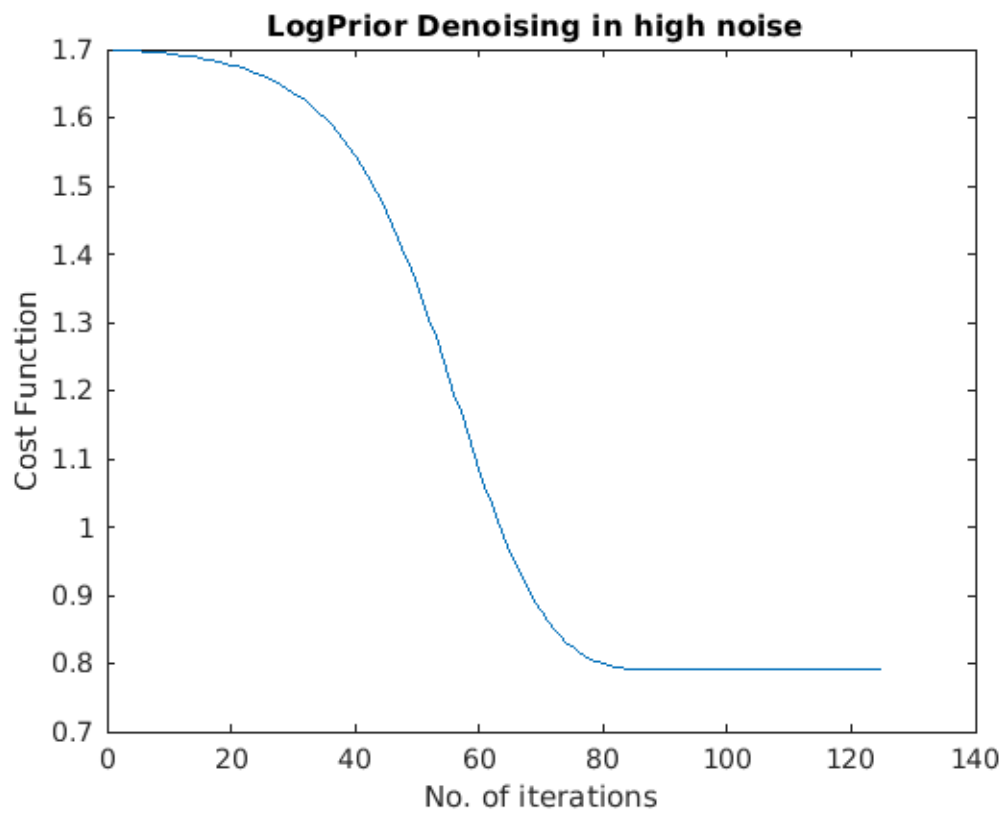
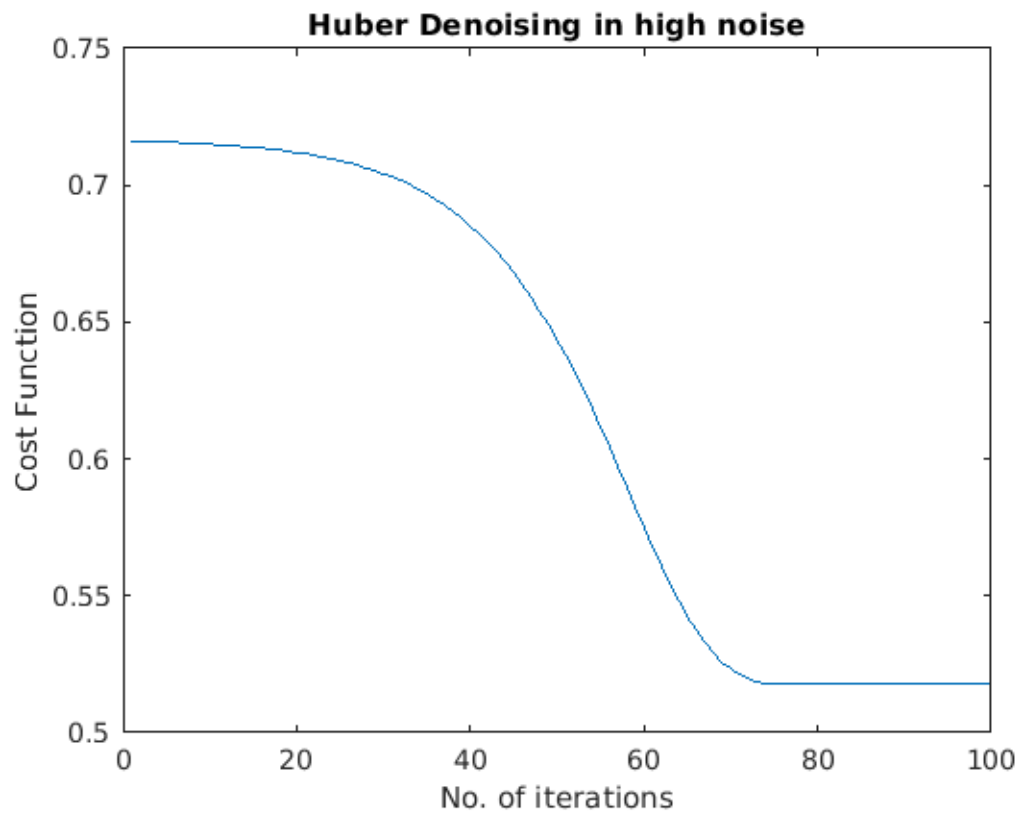
*RRMSE(alpha\*0.8,gamma) = 0.046222*

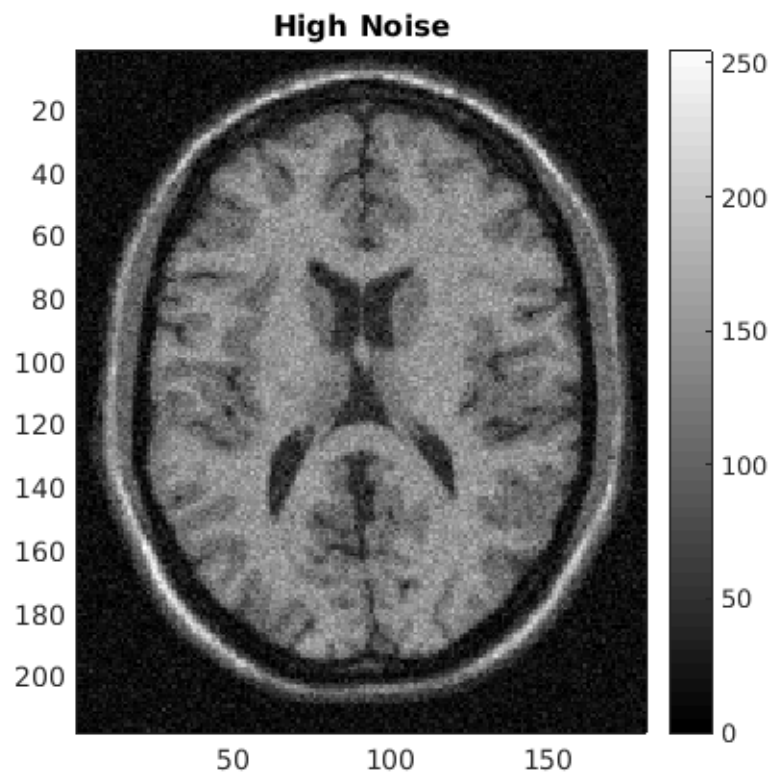
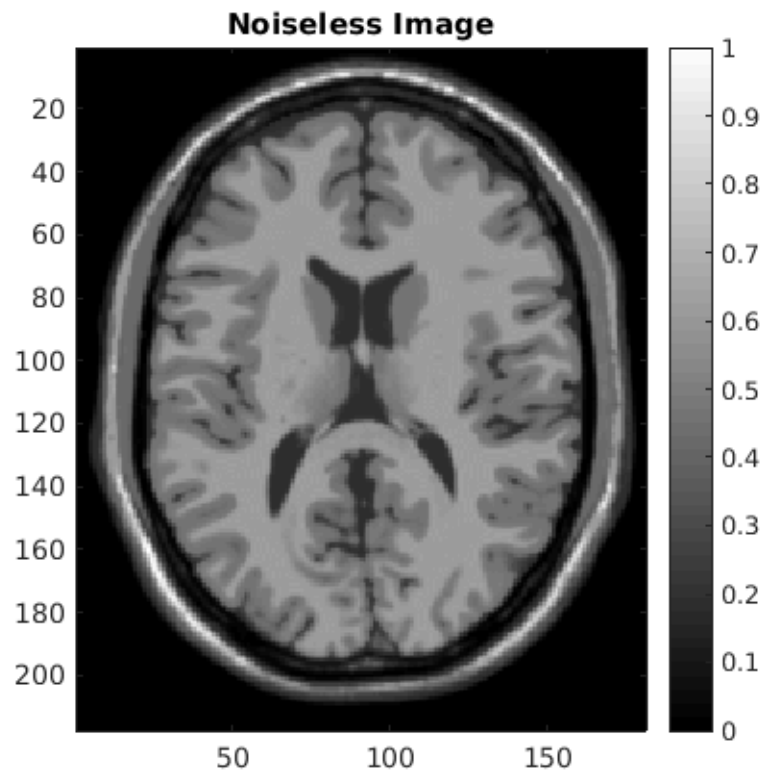
*RRMSE(alpha\*1.2,gamma) = 0.047995*

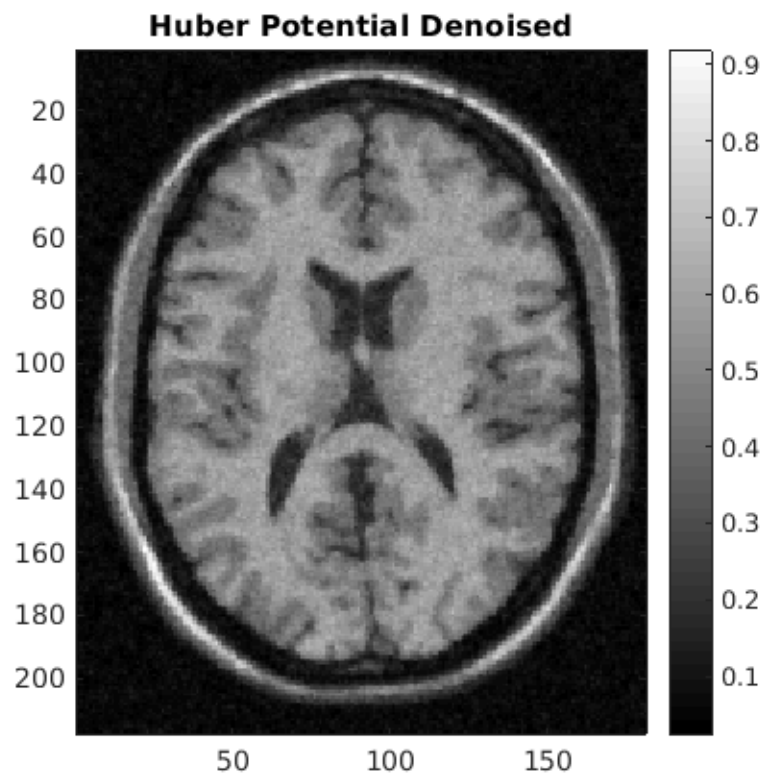
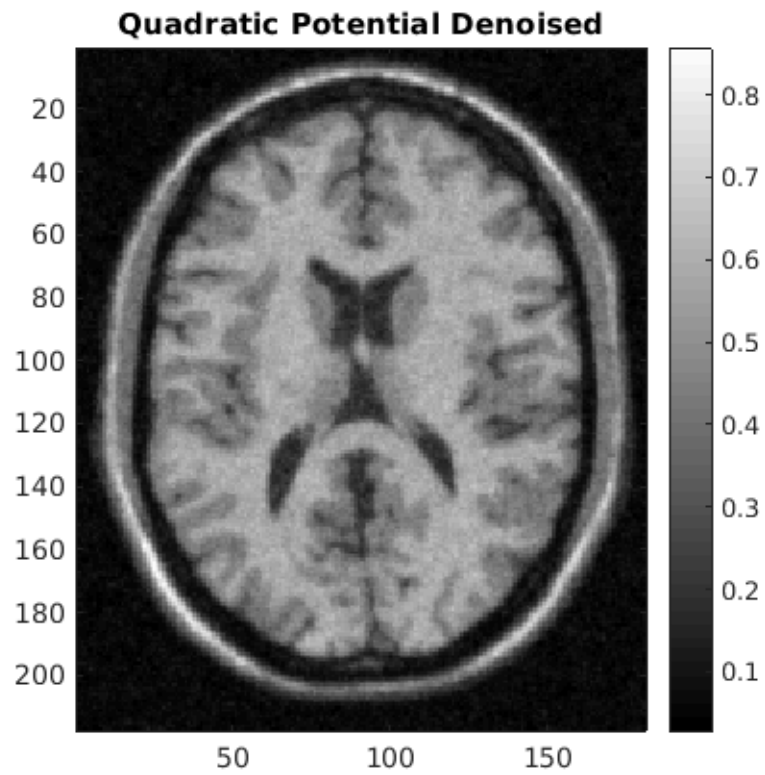
*RRMSE(alpha,gamma\*0.8) = 0.046489*

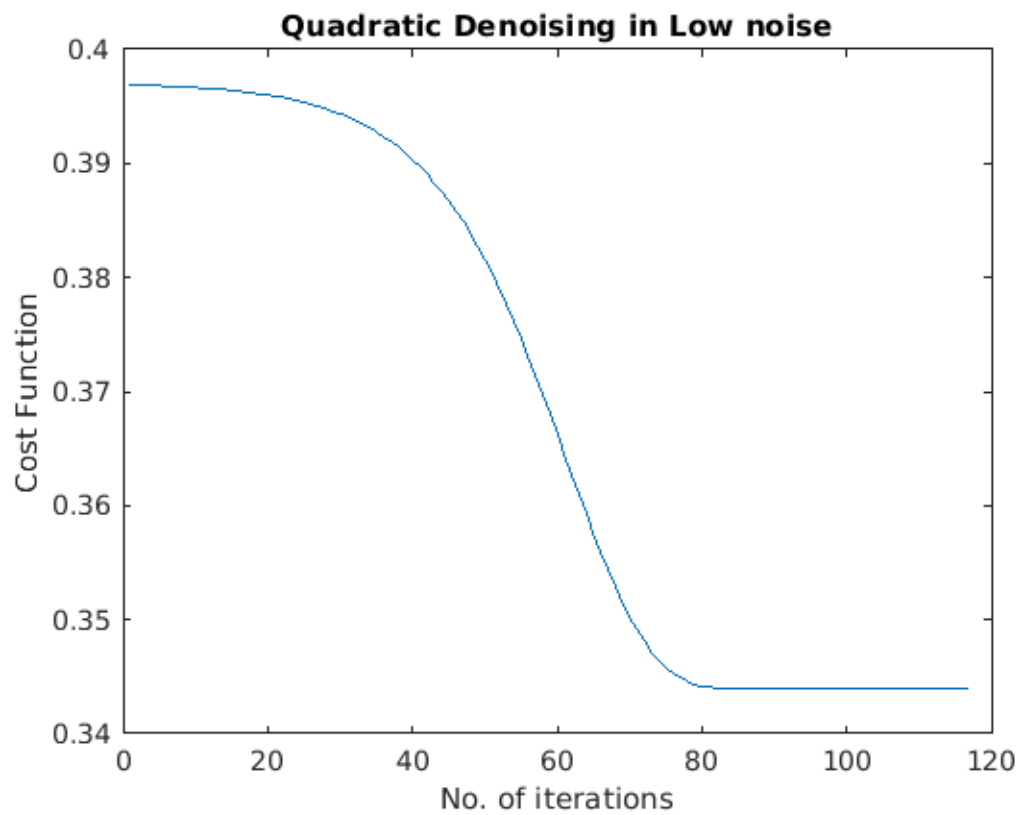
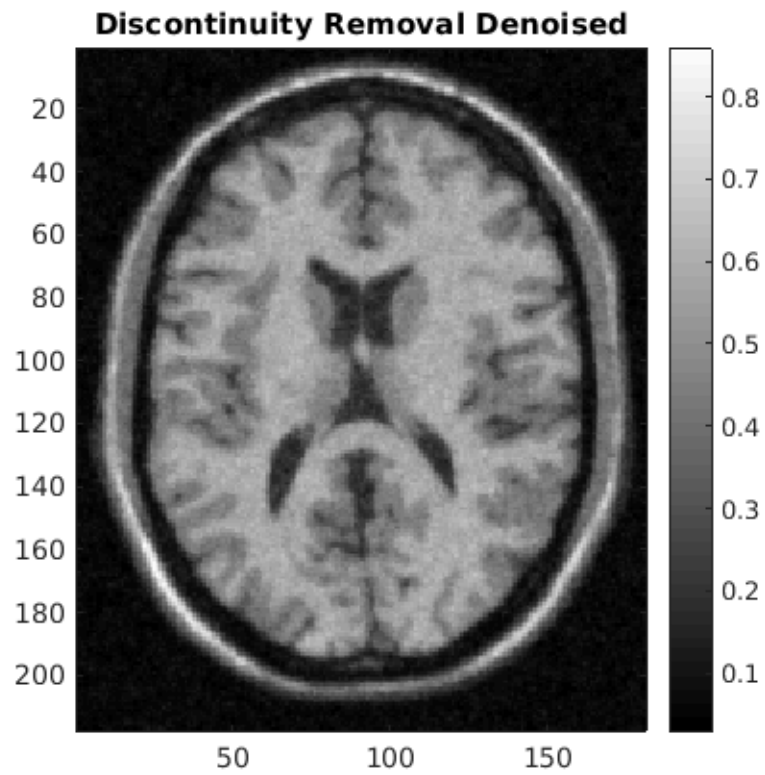
*RRMSE(alpha,gamma\*1.2) = 0.046903*

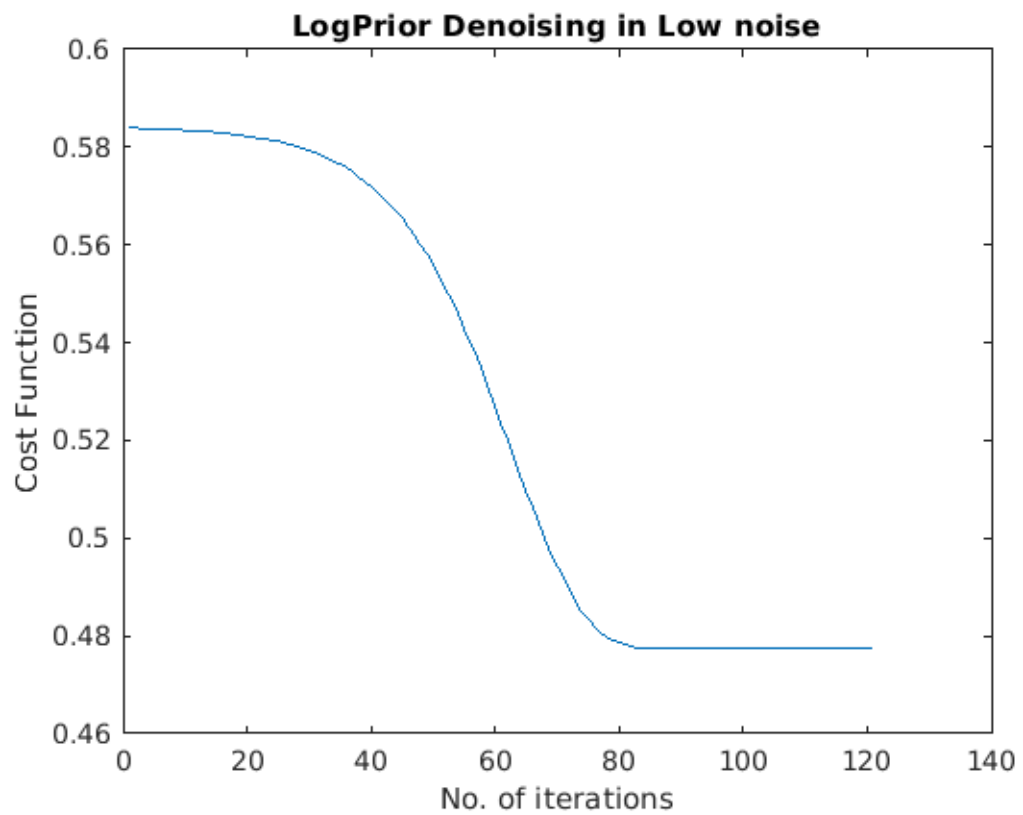
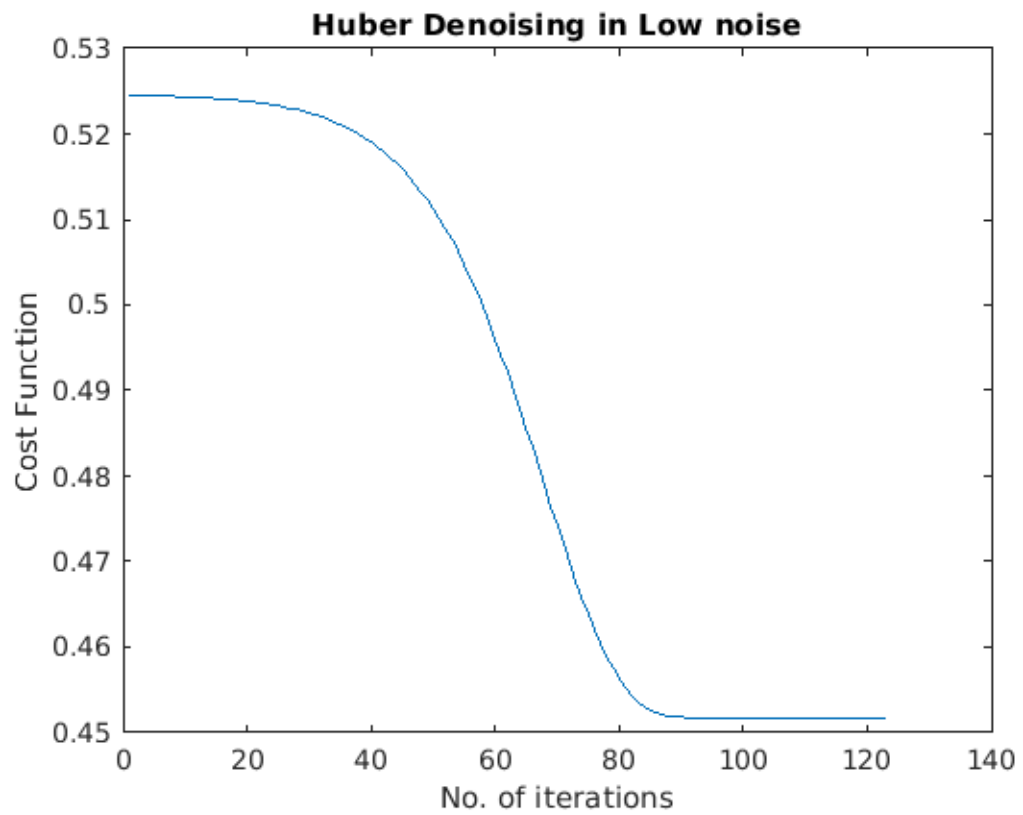


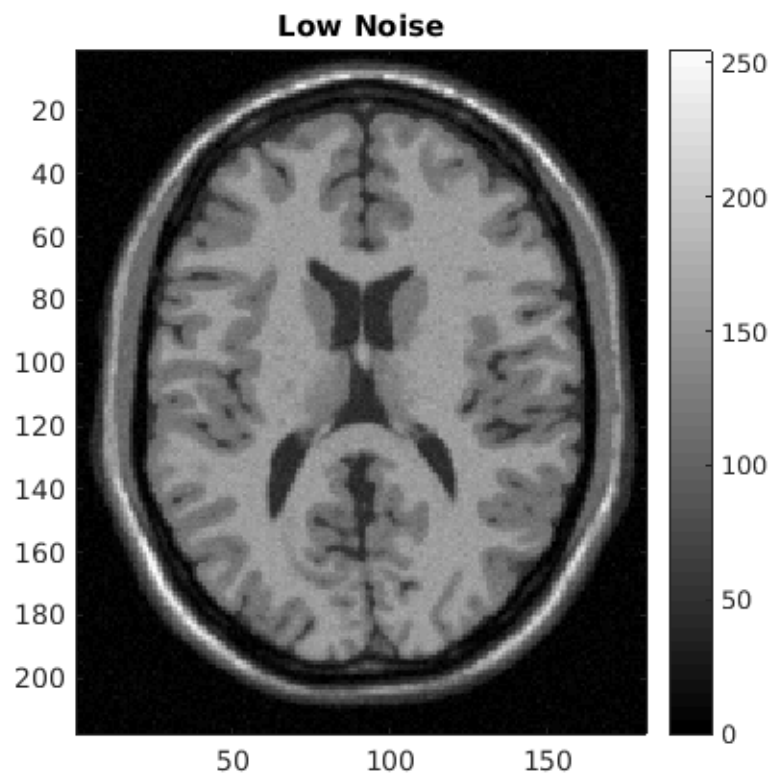
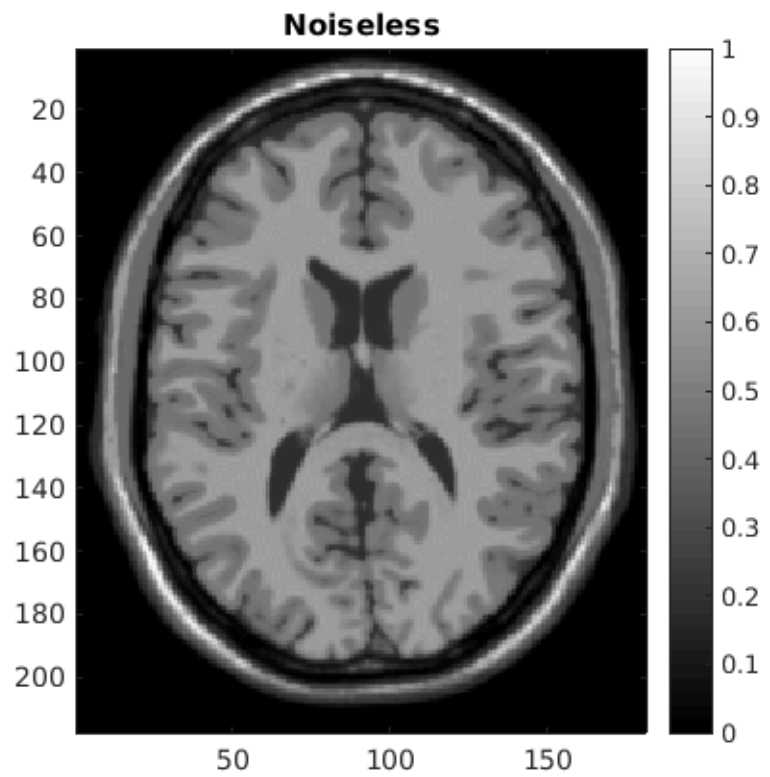




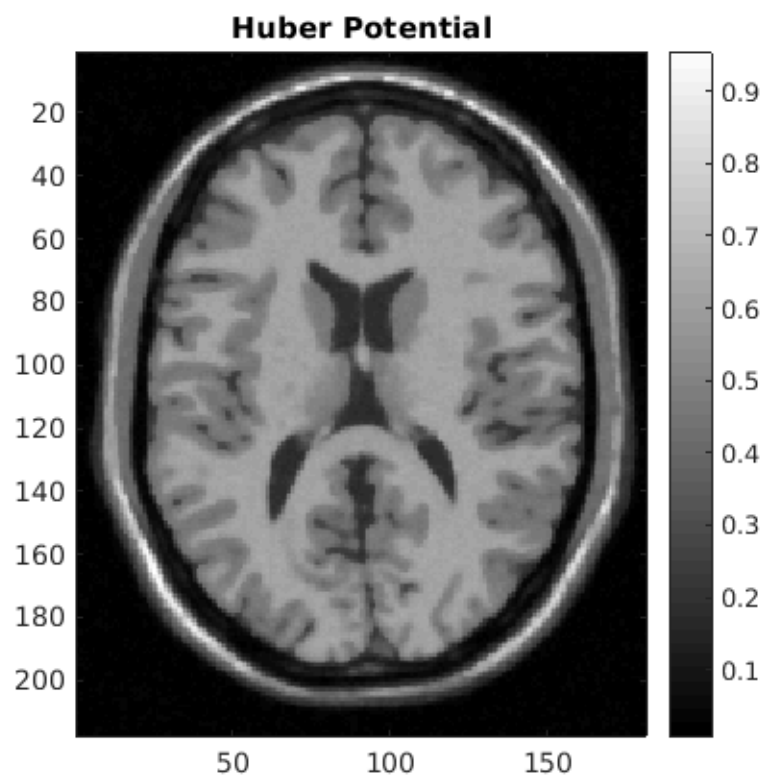
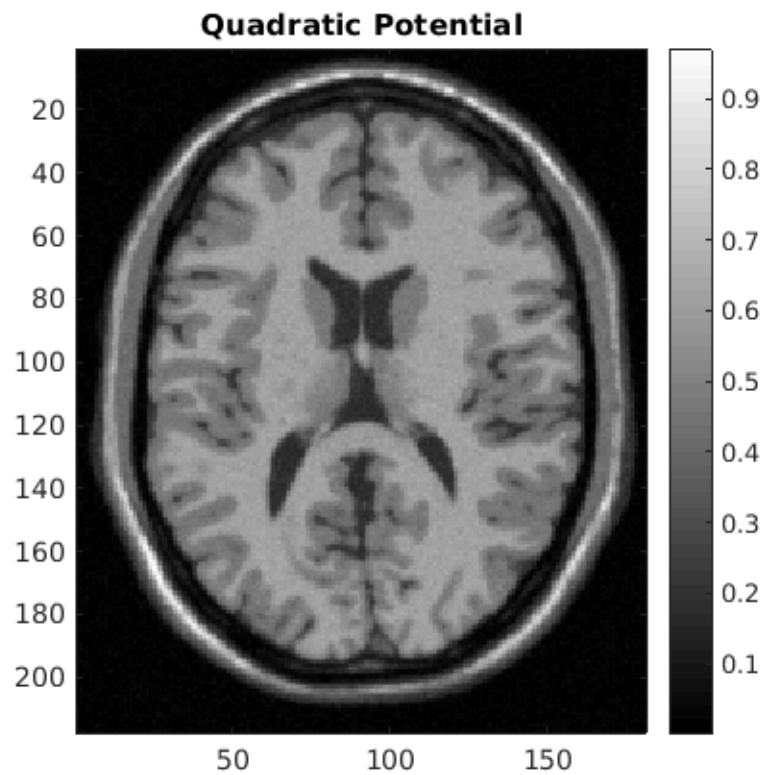


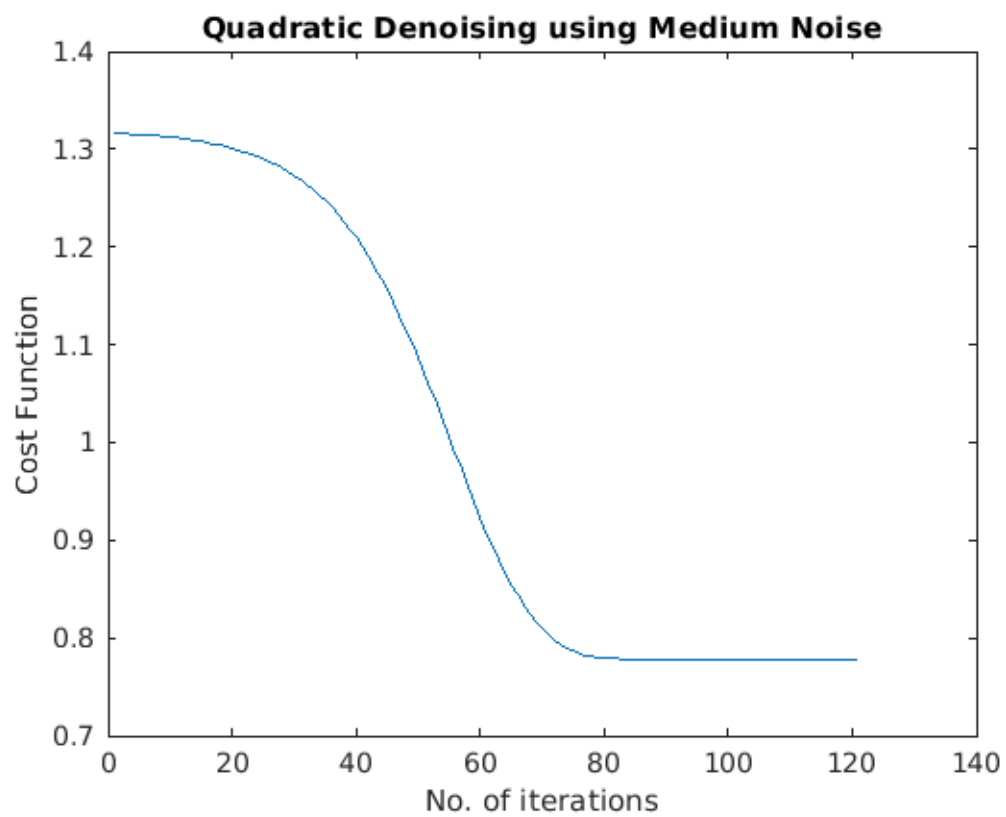
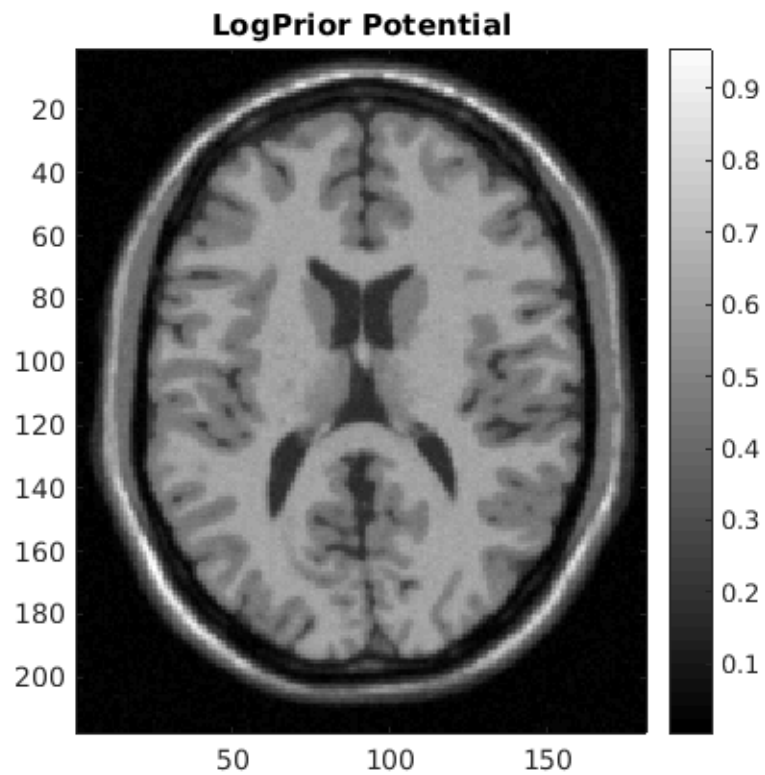


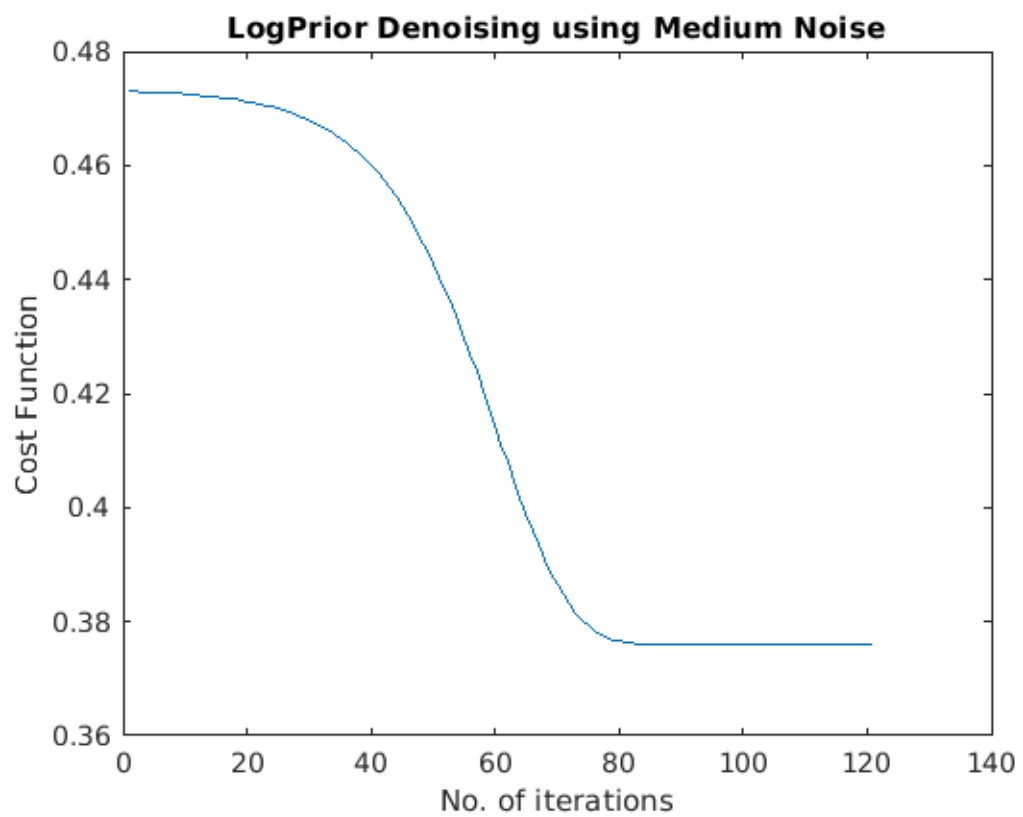
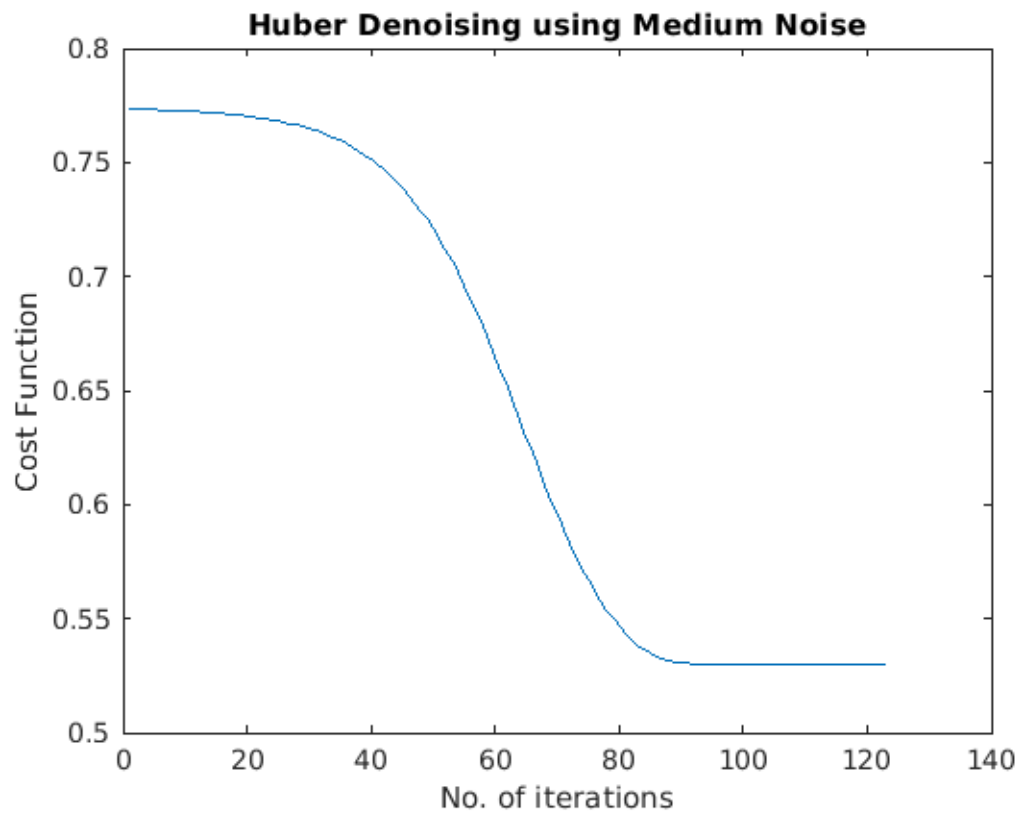


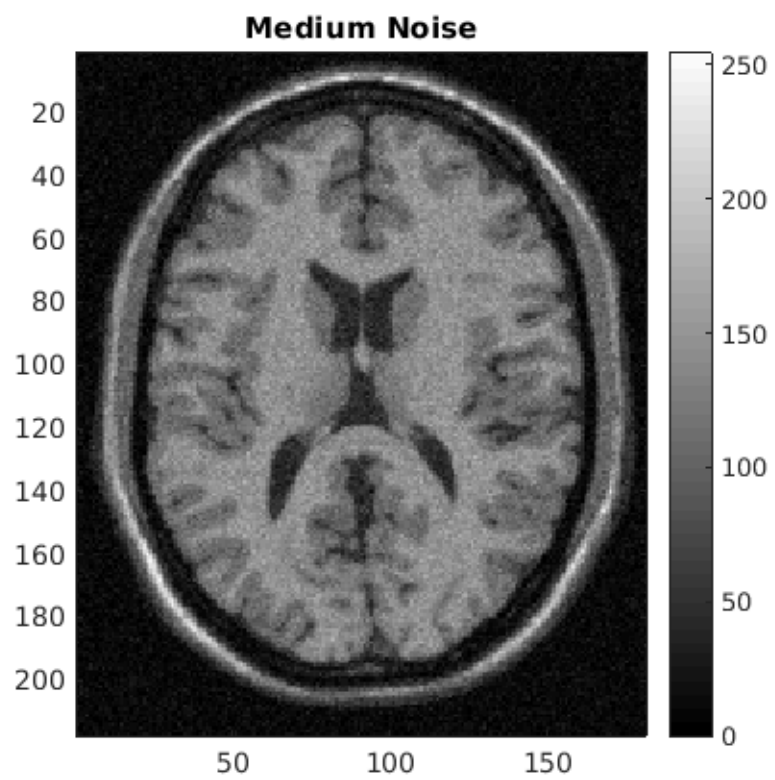
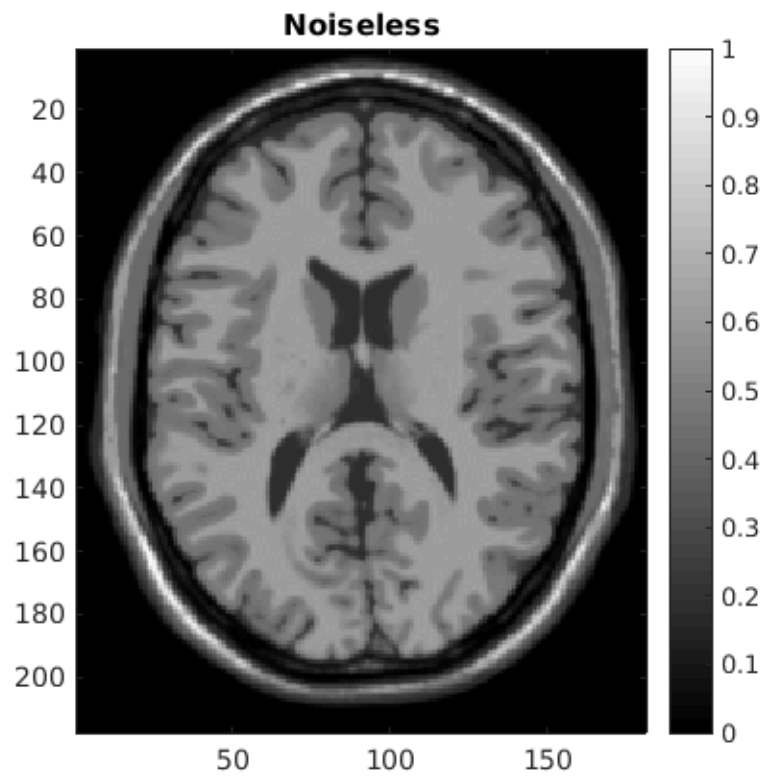


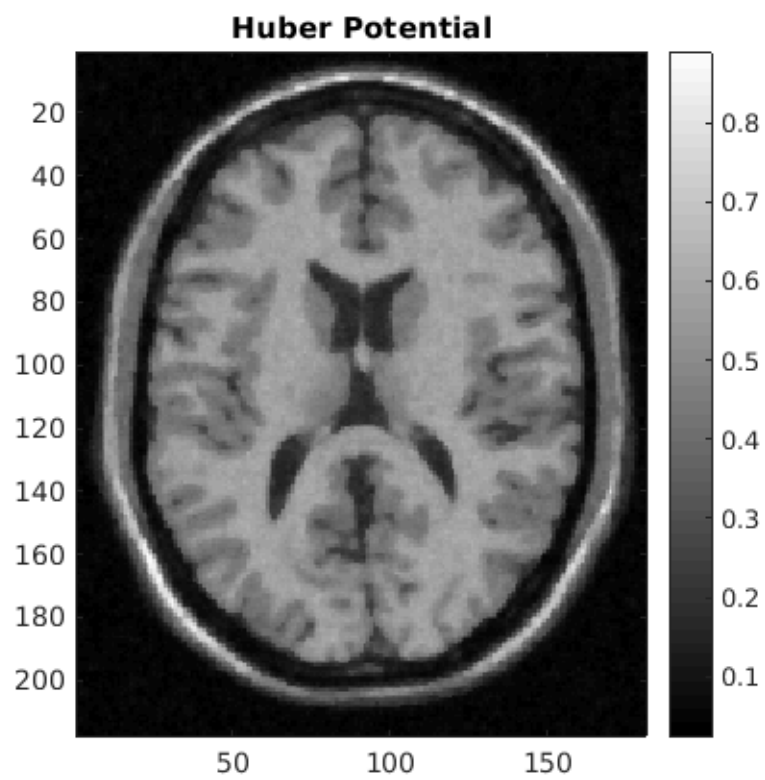
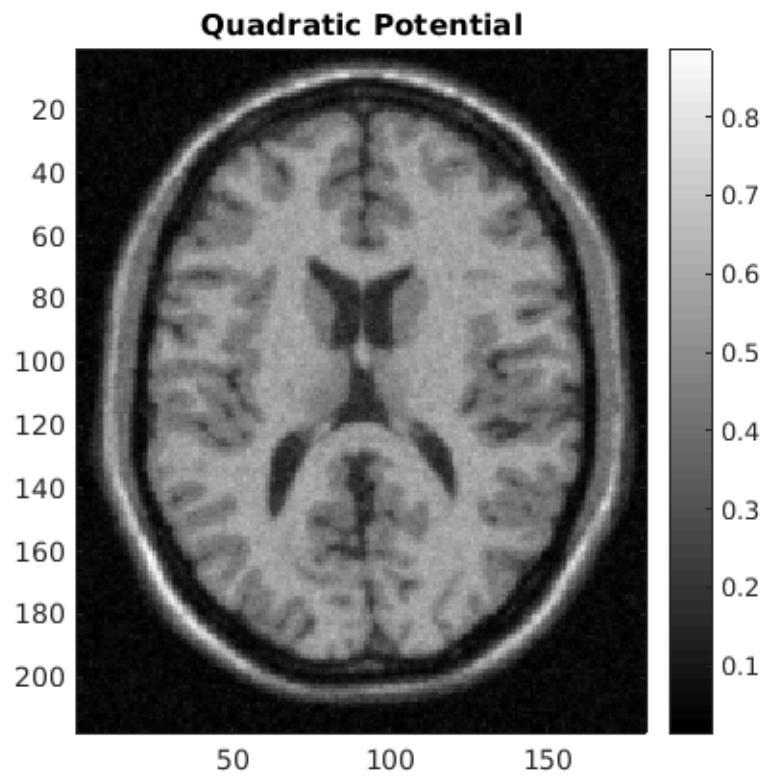


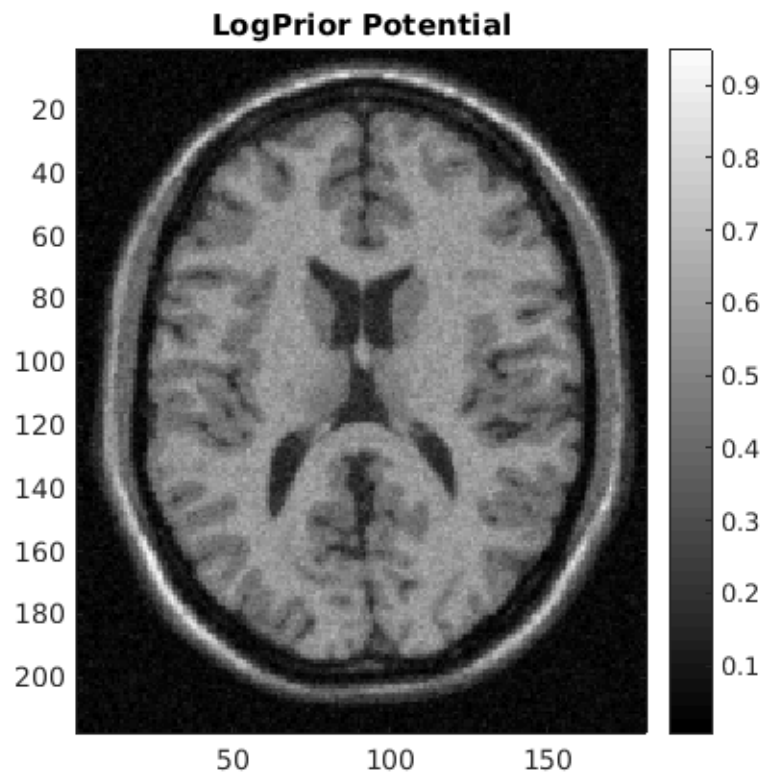












*Published with MATLAB® R2019b*