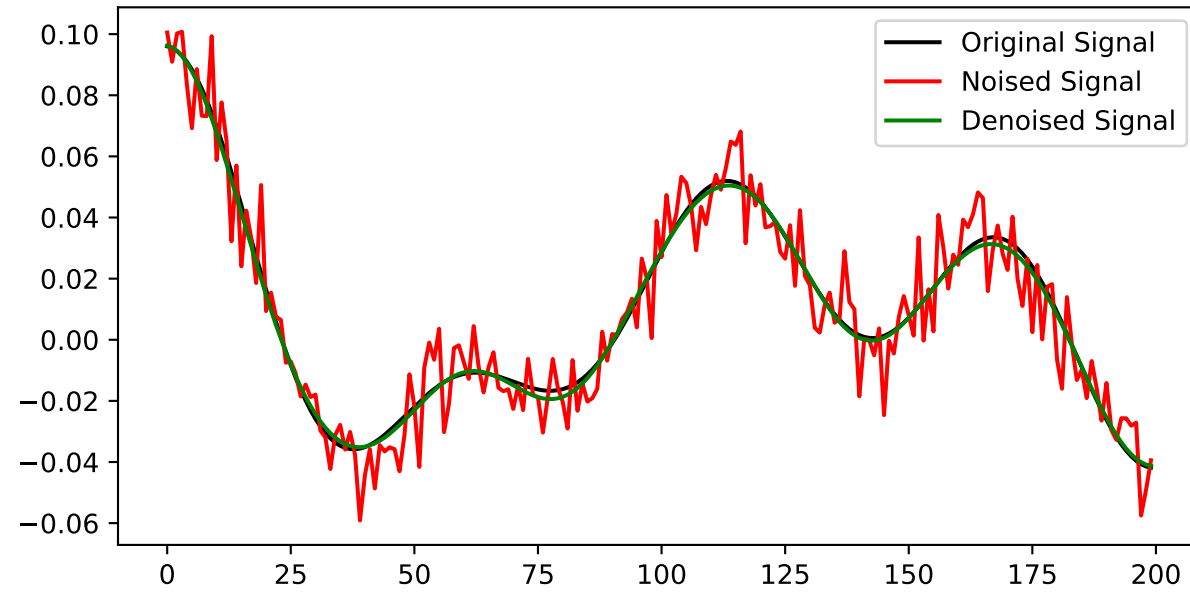
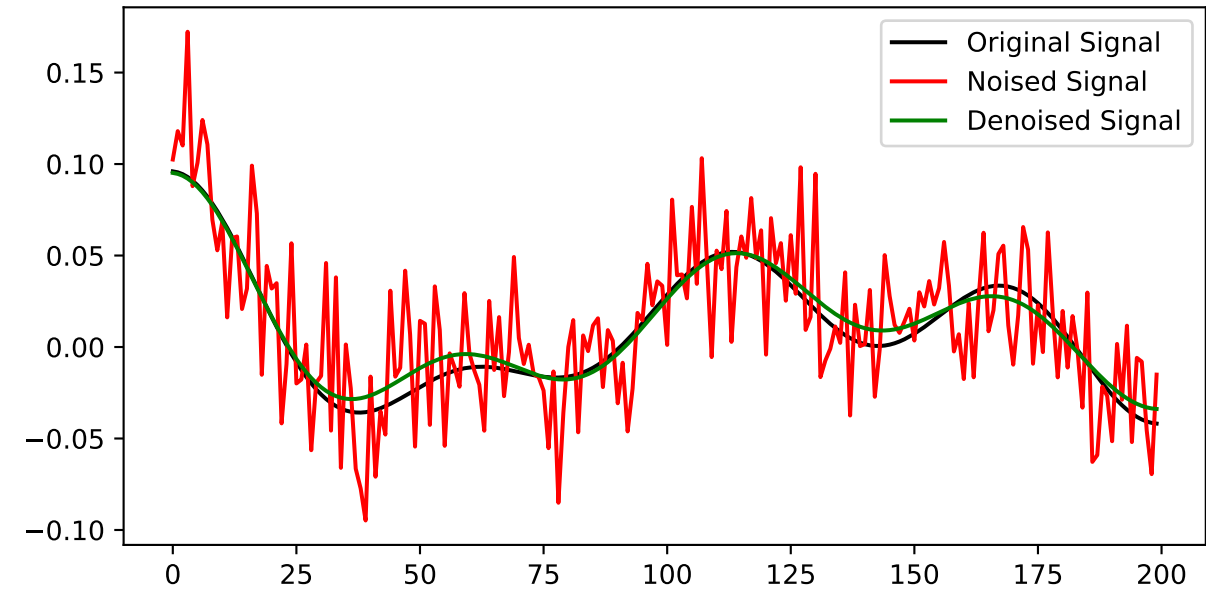


# Task 1 - Signal denoising task

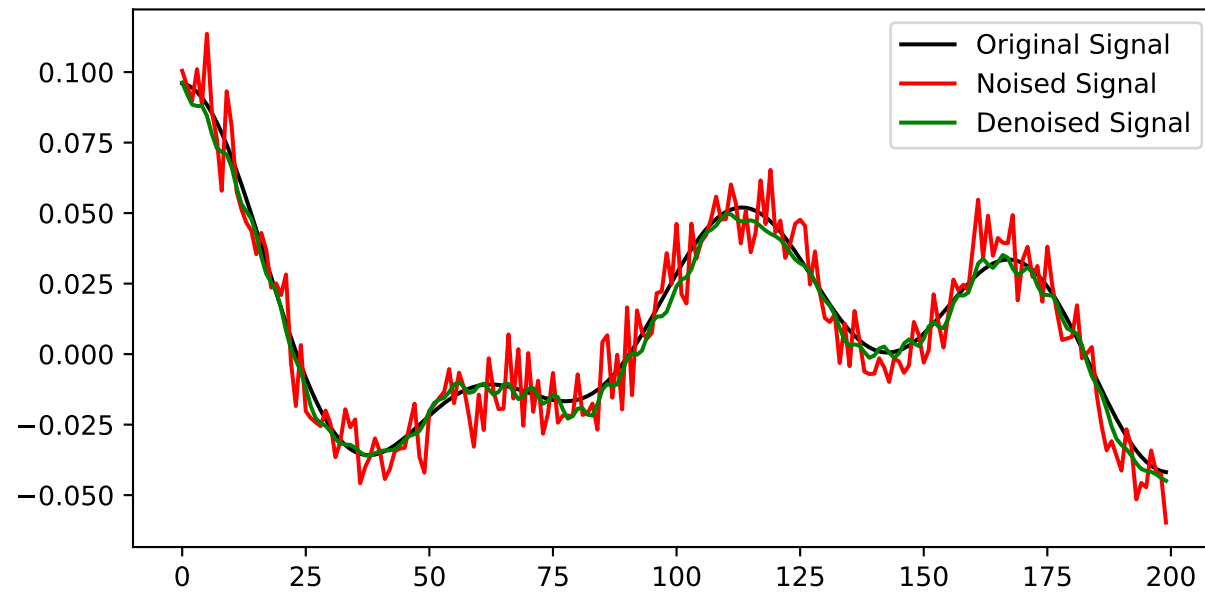
a)



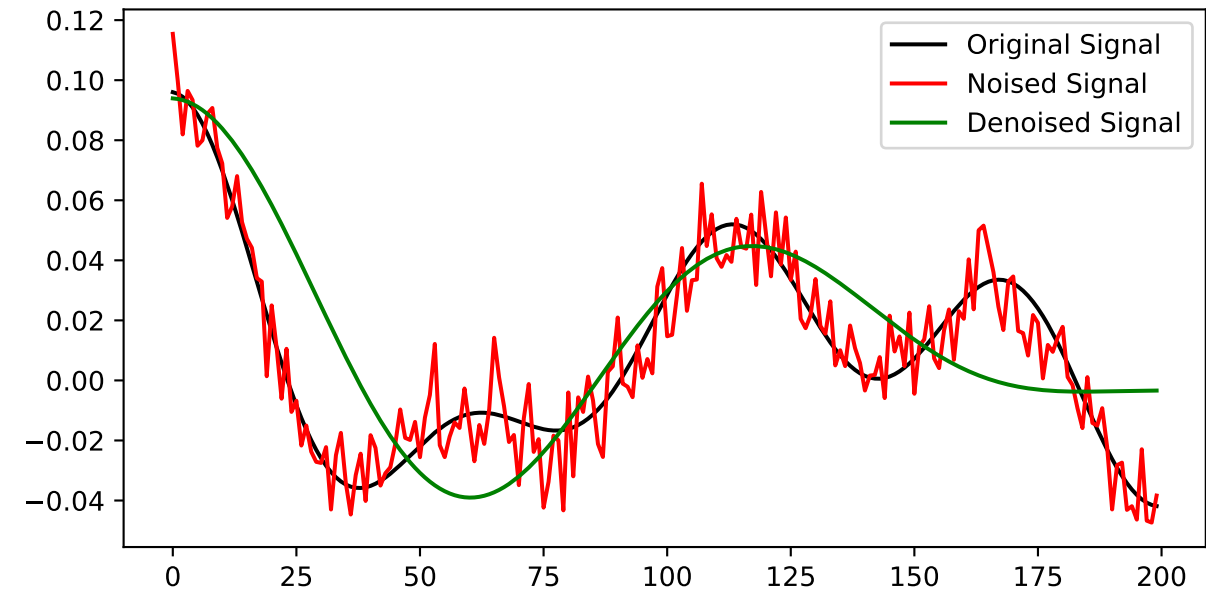
b)



c)

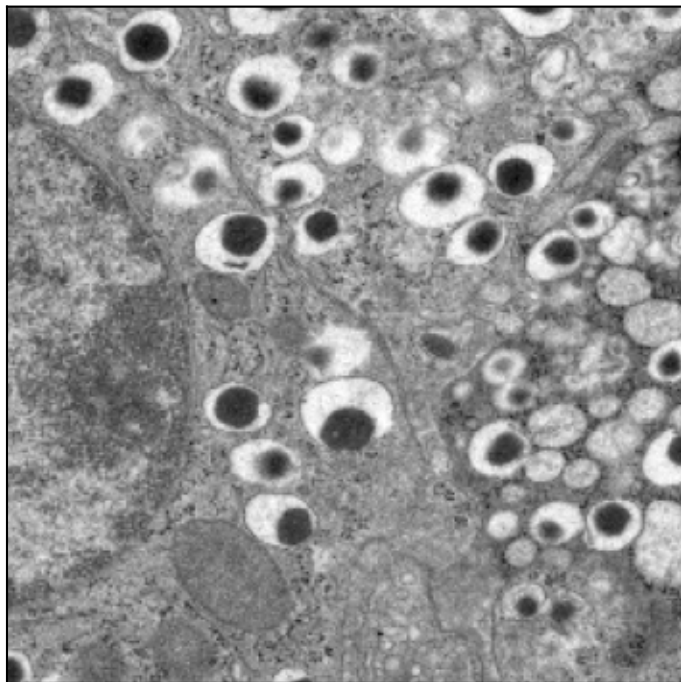


d)

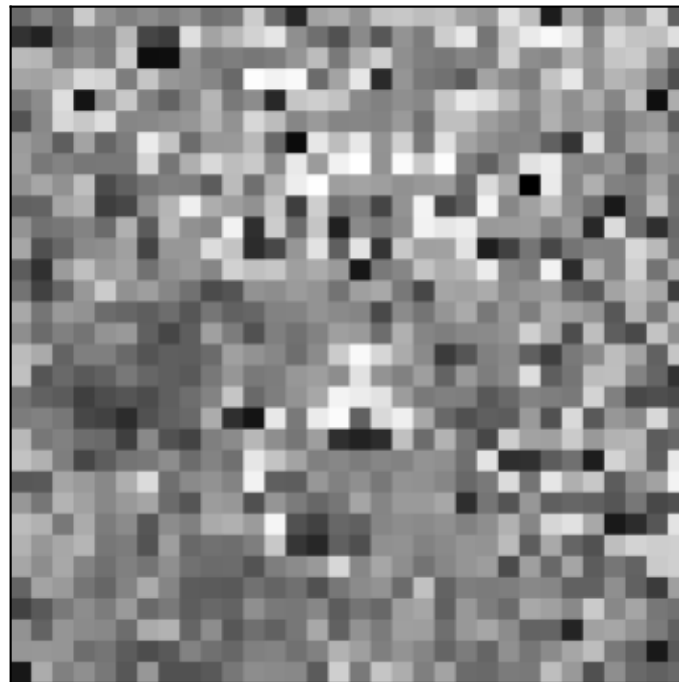


## Task 2 - Image compression

GT

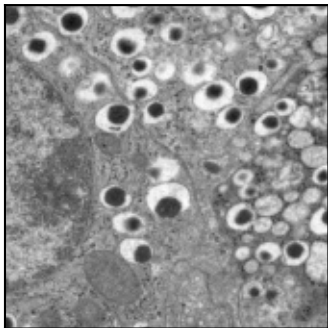


Cond. GD

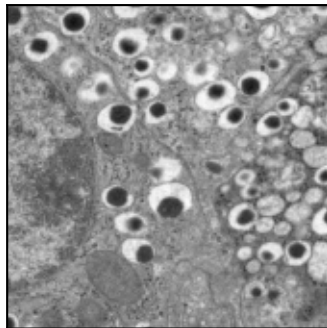


## Task 2 - LASSO

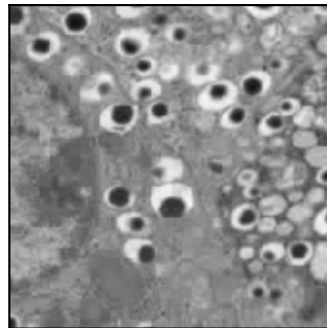
GT



$\lambda=0.01$



$\lambda=0.10$



$\lambda=1.00$

