**HW3**

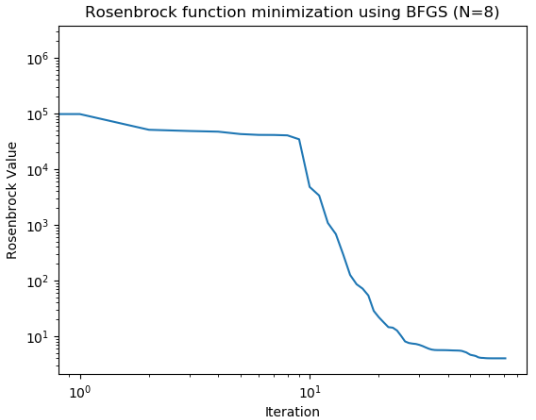
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# BFGS

The implementation of our BFGS algorithm is attached at “BFGS.py”.

Following is a log scale graph of the convergence of Rosenbruk function, as achieved by the above algorithm:



As seen, the BFGS algorithm found the correct minimum value (~0), in the point (1,1,…,1), as expected.