

RAJ PATIL

CS18BTECH11039

Convex Optimization : Lab 4.2

Observations

- for both L1 and L2 loss :
 - the loss decreases as the order of the polynomial (n) increases
 - the loss increases as the resolution of the objective (N) is increased
 - for plotting proceeding with $N=100$ and plotting all from $n = 1$ to $n = 20$
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Answers

Both parts have been answered together

A,B,C : run code appended in the submission

D

