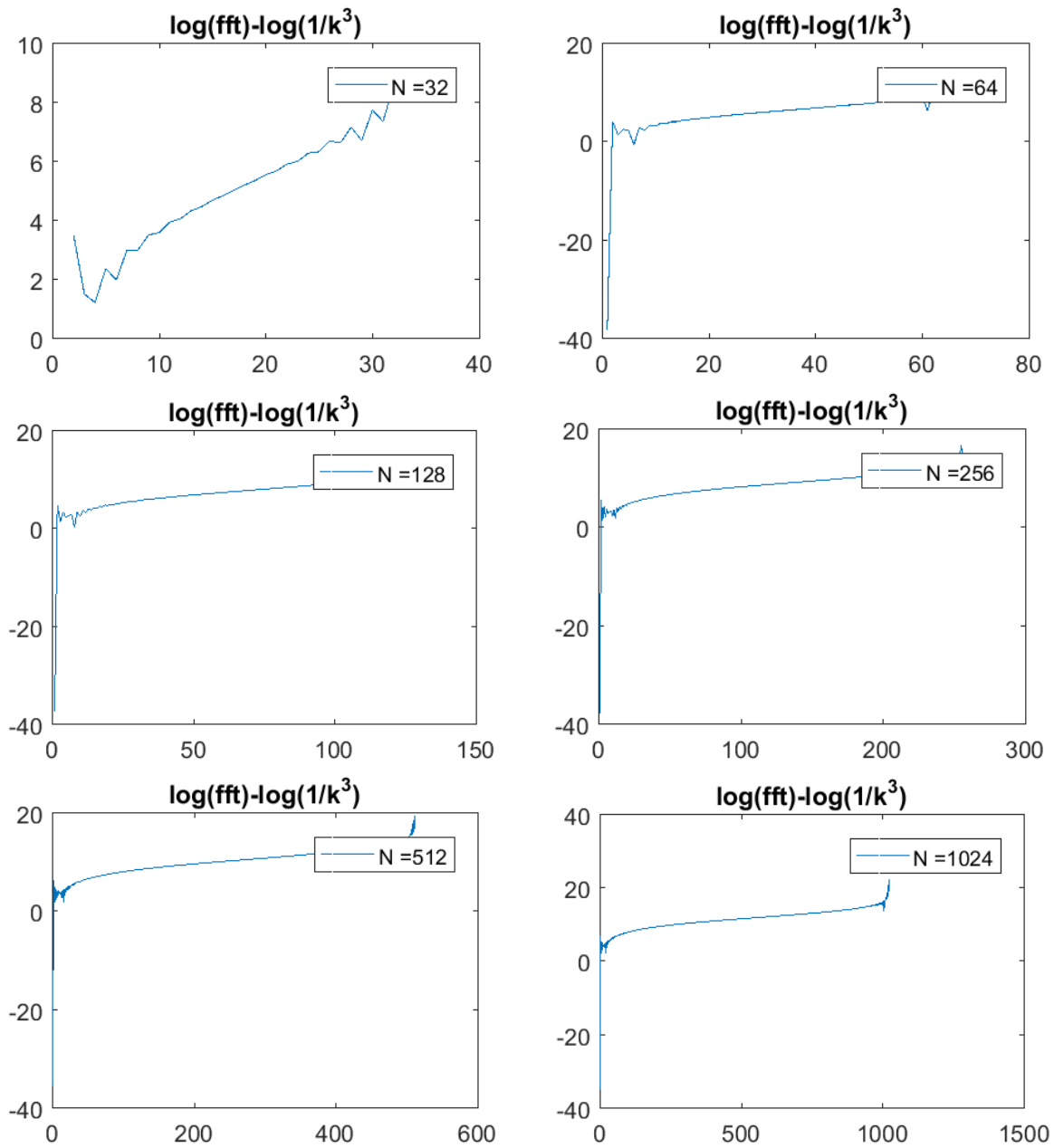


Problem 5



One can see that the difference in log scale is eventually bounded by a constant, as expected.

Problem 6

The following is the plots for the 4 functions respectively.

