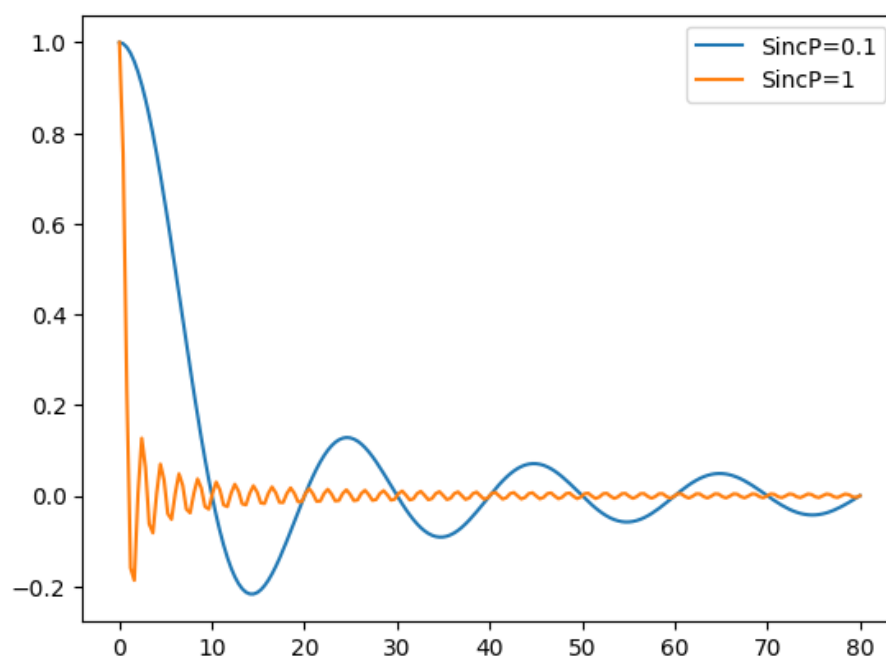


Assignment 8

Effect of SincP on the graph of wave

- The following graph shows the variation of graph as SincP is changed for two different values of SincP for the function

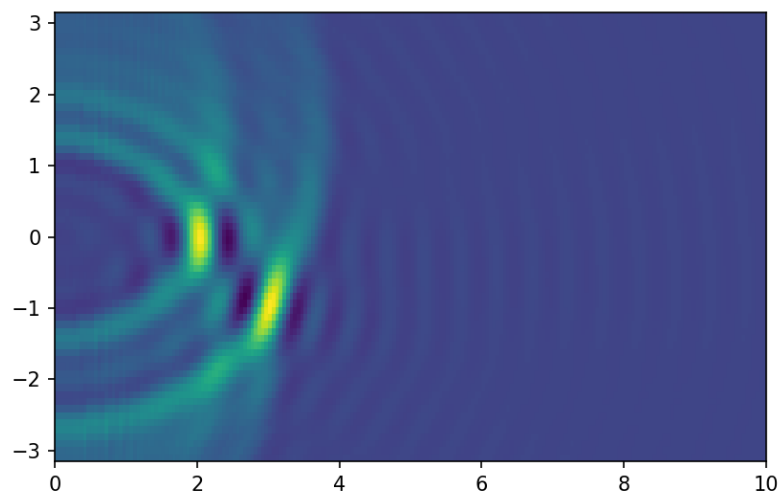
$$\text{sinc}(\text{SincP} * t)$$



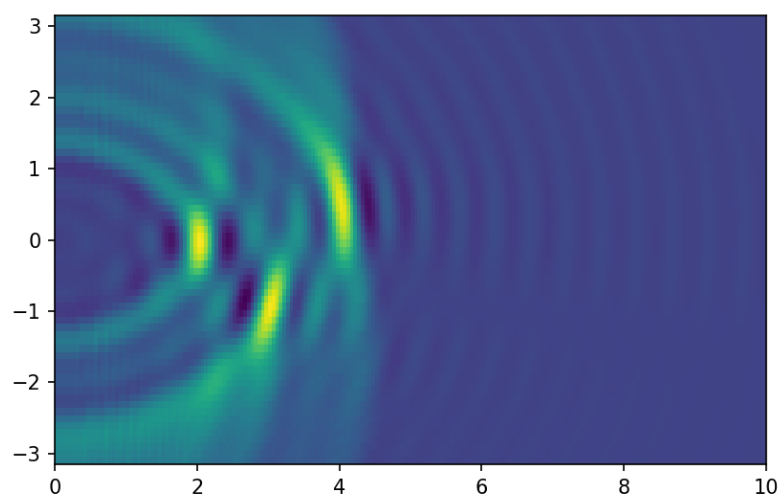
Reconstructed Data for the Datasets Given

Given below are reconstructed data for the two datasets `rx1.txt` and `rx2.txt`:

- `rx2.txt`

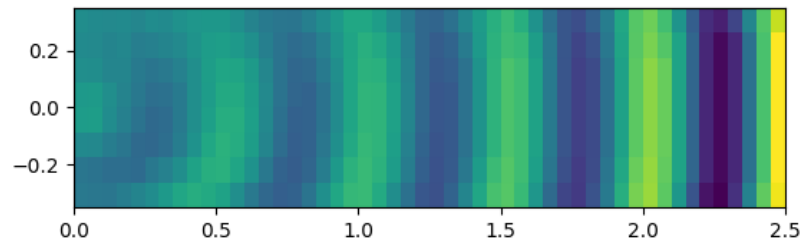


- rx3.txt

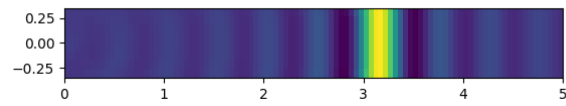


Heatmap for Different Nmics and Nsamp

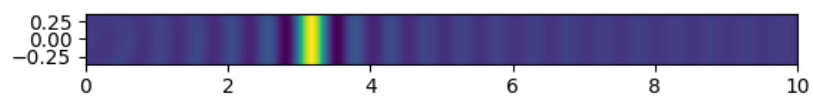
1. Nmics=8, Nsamp=50



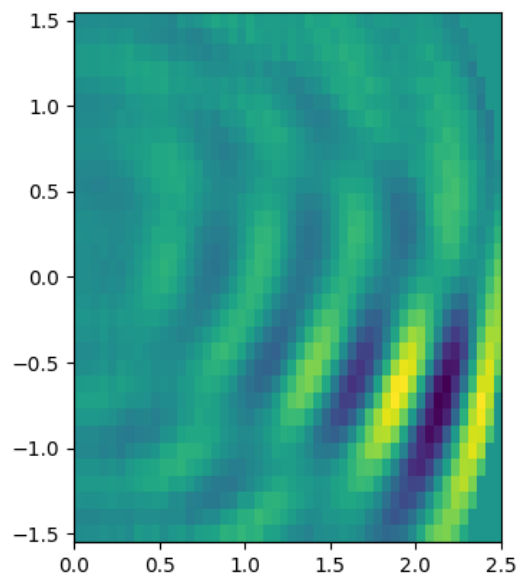
2. Nmics=8, Nsamp=100



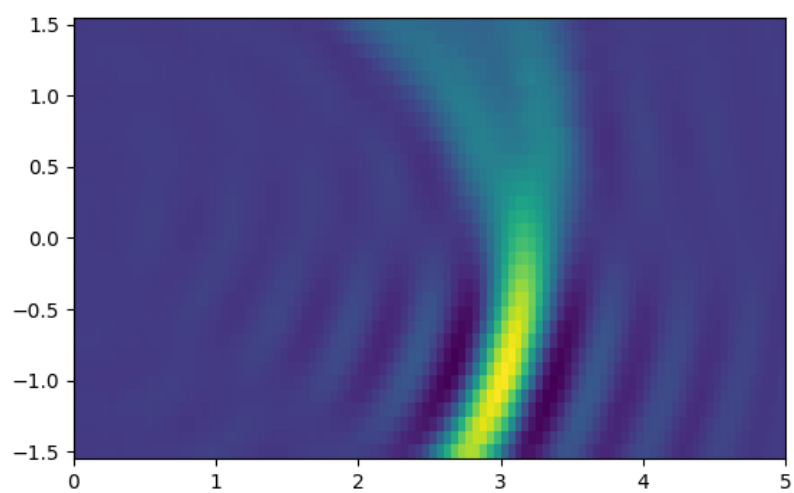
3. Nmics=8, Nsamp=200



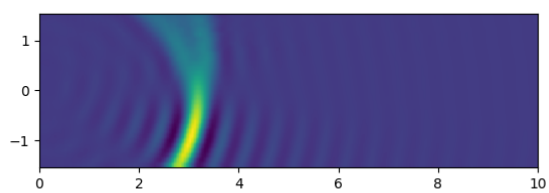
4. Nmics=32, Nsamp=50



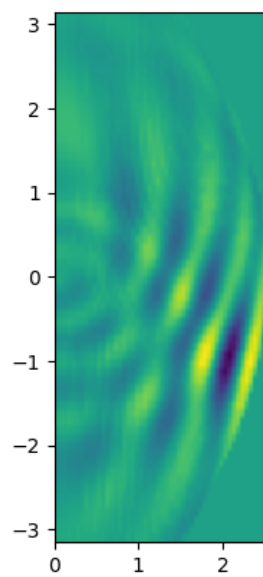
5. Nmics=32, Nsamp=100



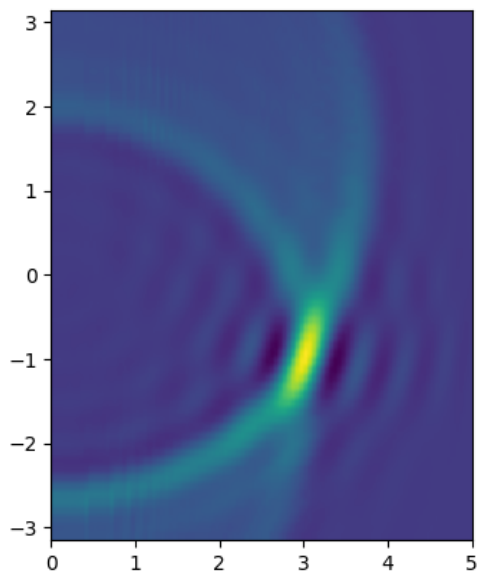
6. Nmics=32, Nsamp=200



7. Nmics=64, Nsamp=50



8. Nmics=64, Nsamp=100



9. Nmics=64, Nsamp=200

