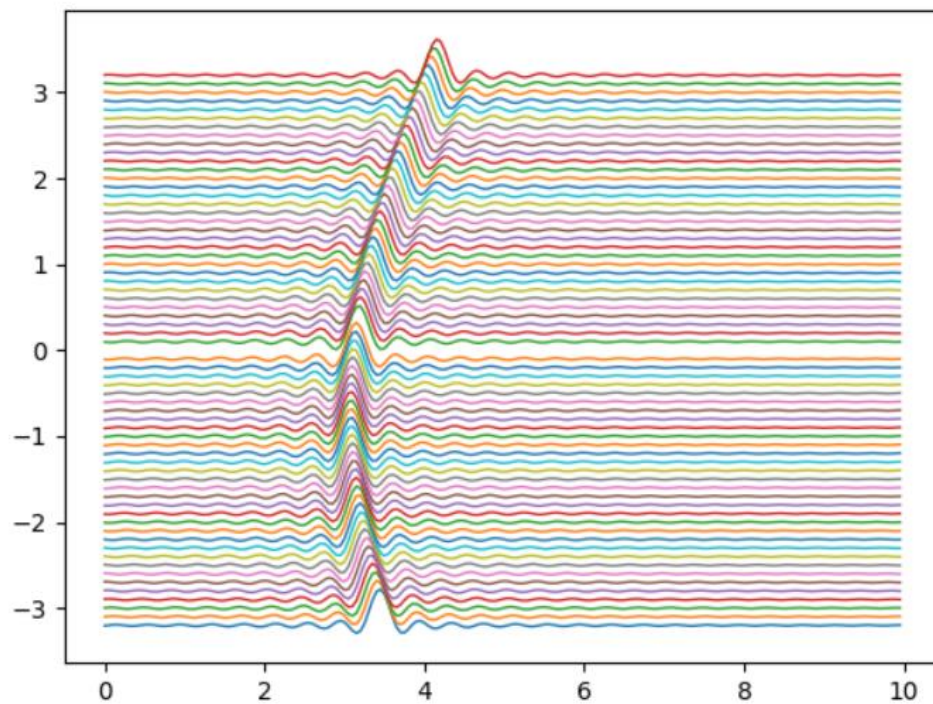
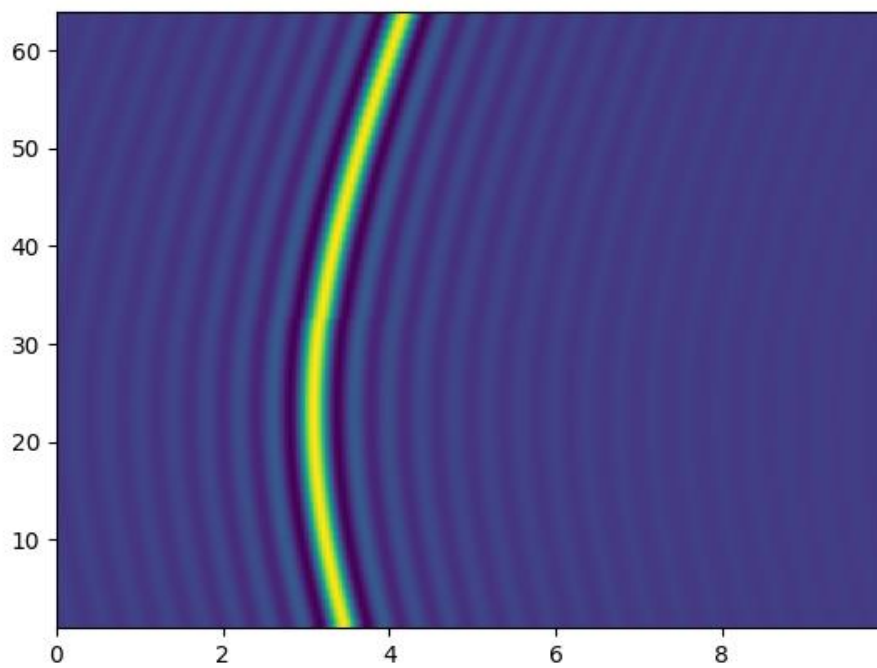


Original Mic Outputs:

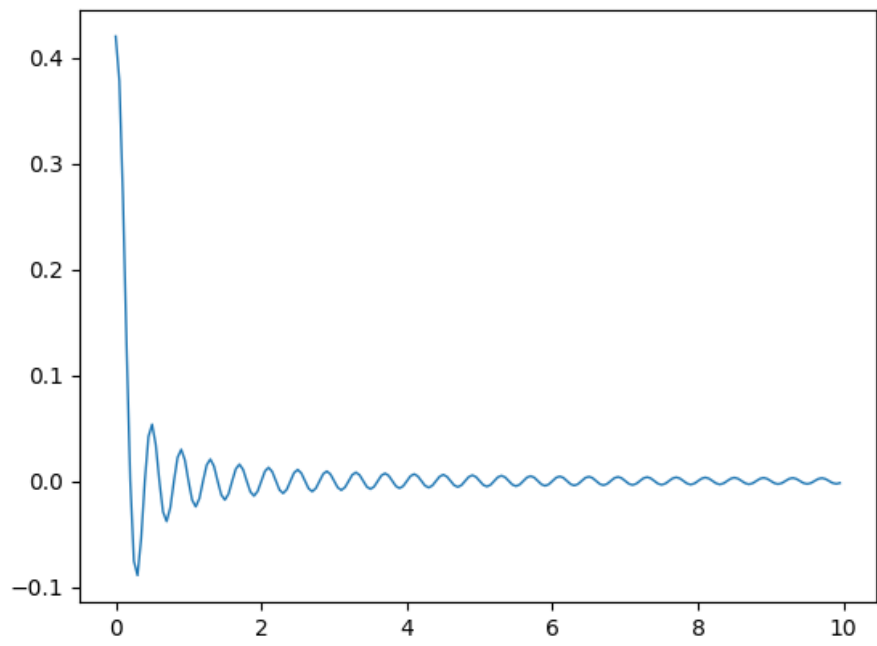


Heat plot

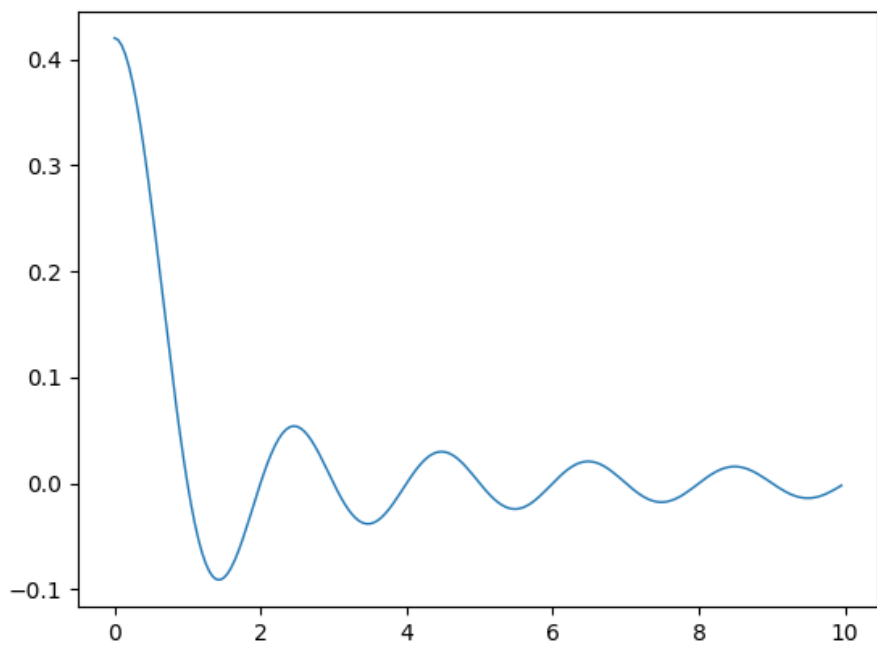


Sinc Functions

SincP = 5



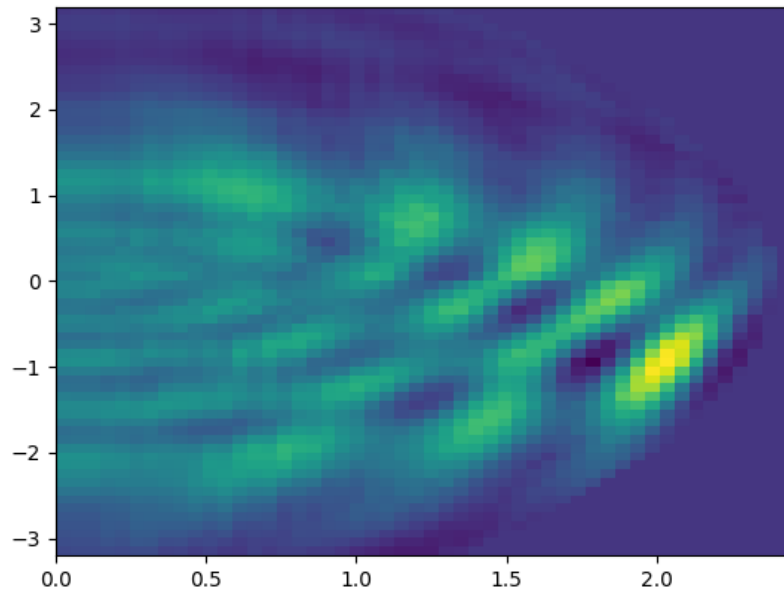
SincP = 1



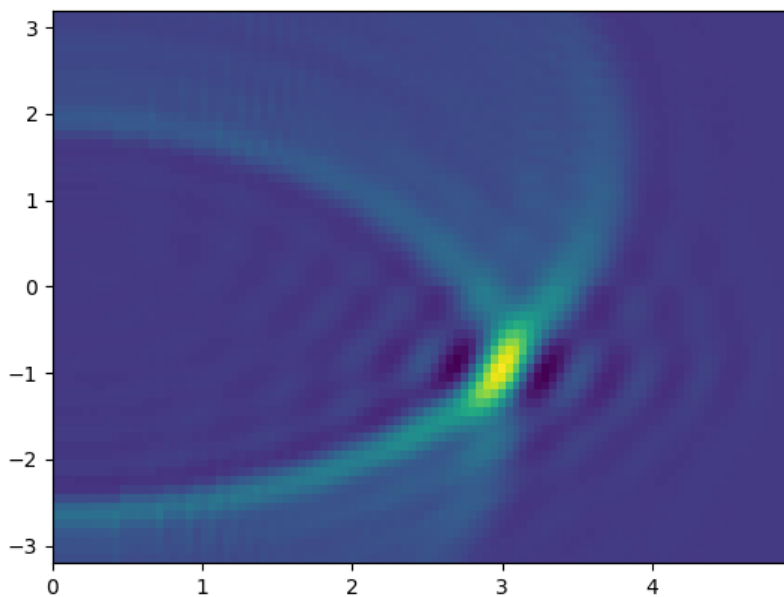
Question

What happens if Nmics is increased or decreased? Do the experiments with Nmics = [8, 32, 64] and Nsamp = [50, 100, 200] (all combinations). Attach the resulting images.

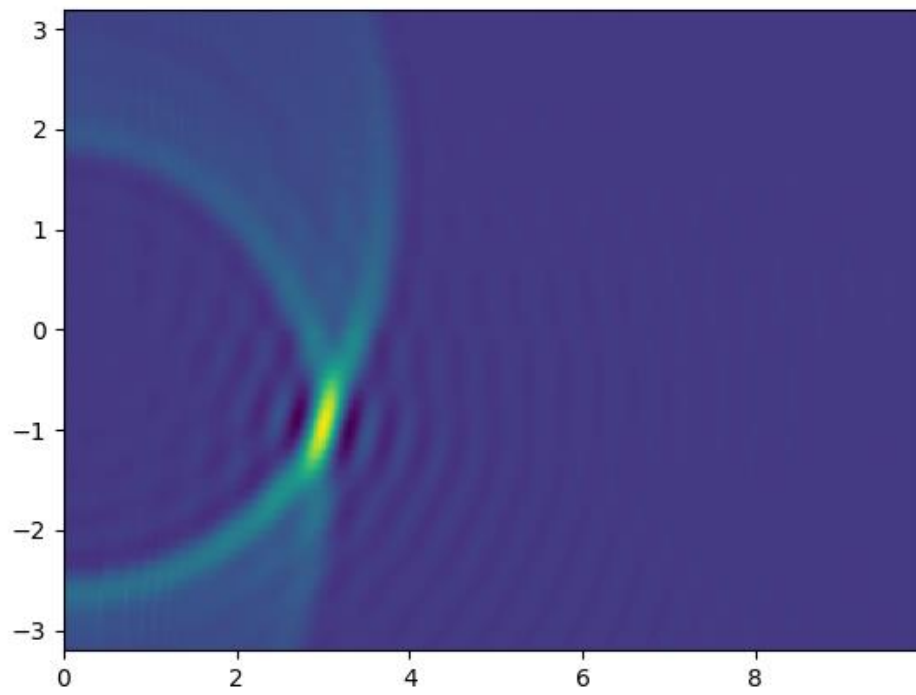
Nmics = 64, Nsamp = 50



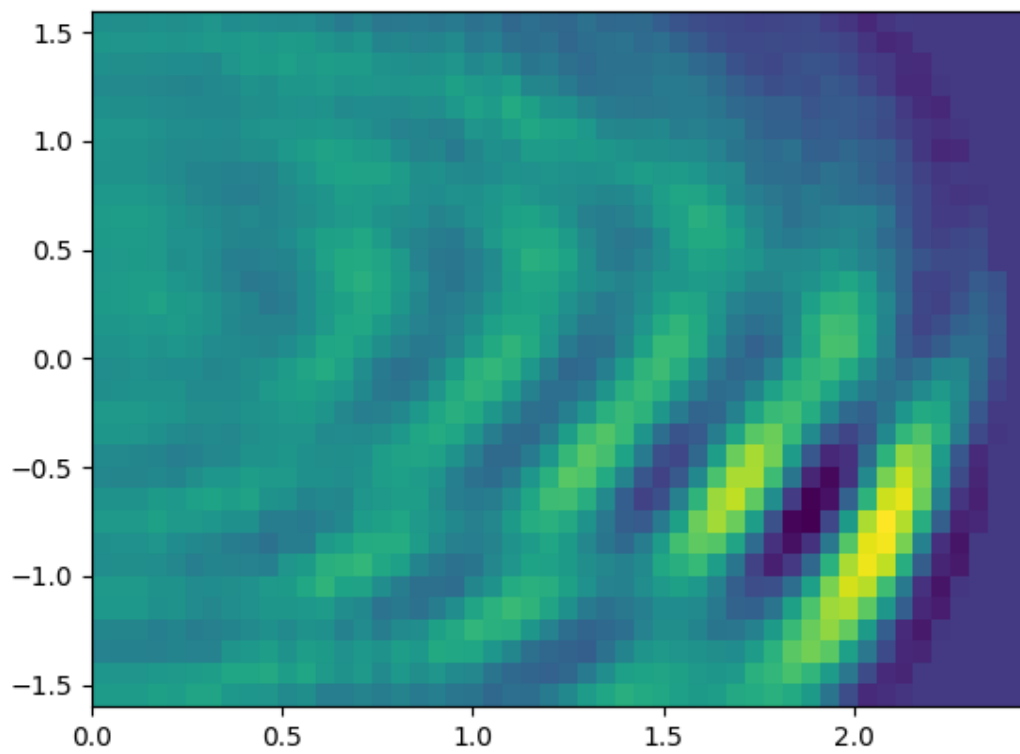
Nmics = 64, Nsamp = 100



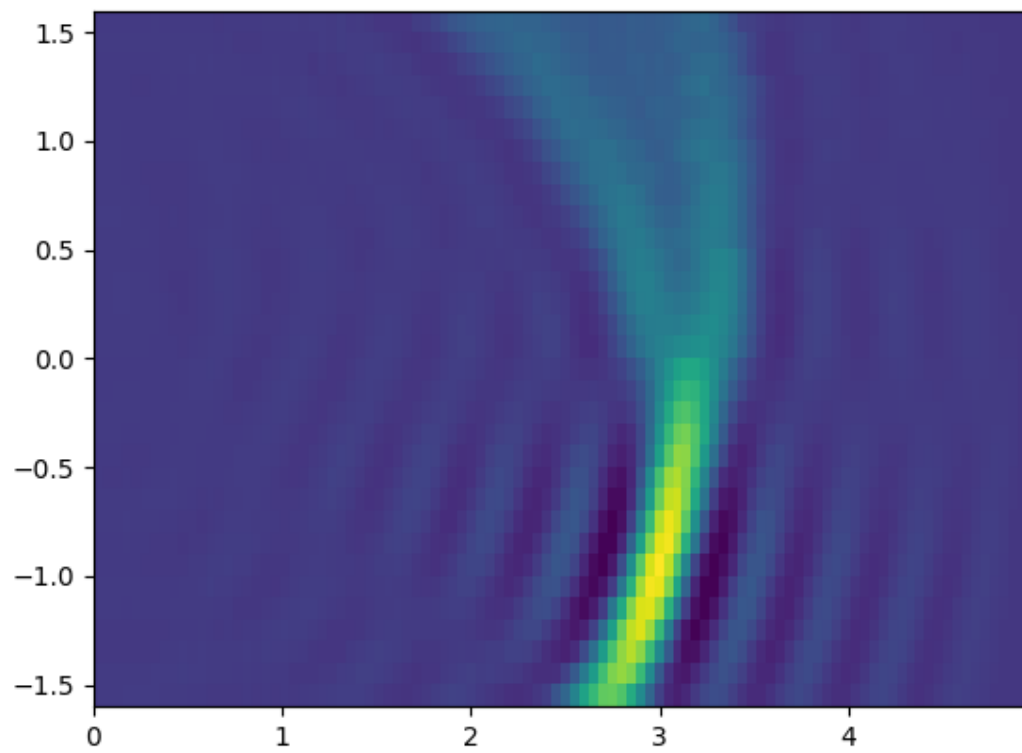
Nmics = 64, Nsamp = 200



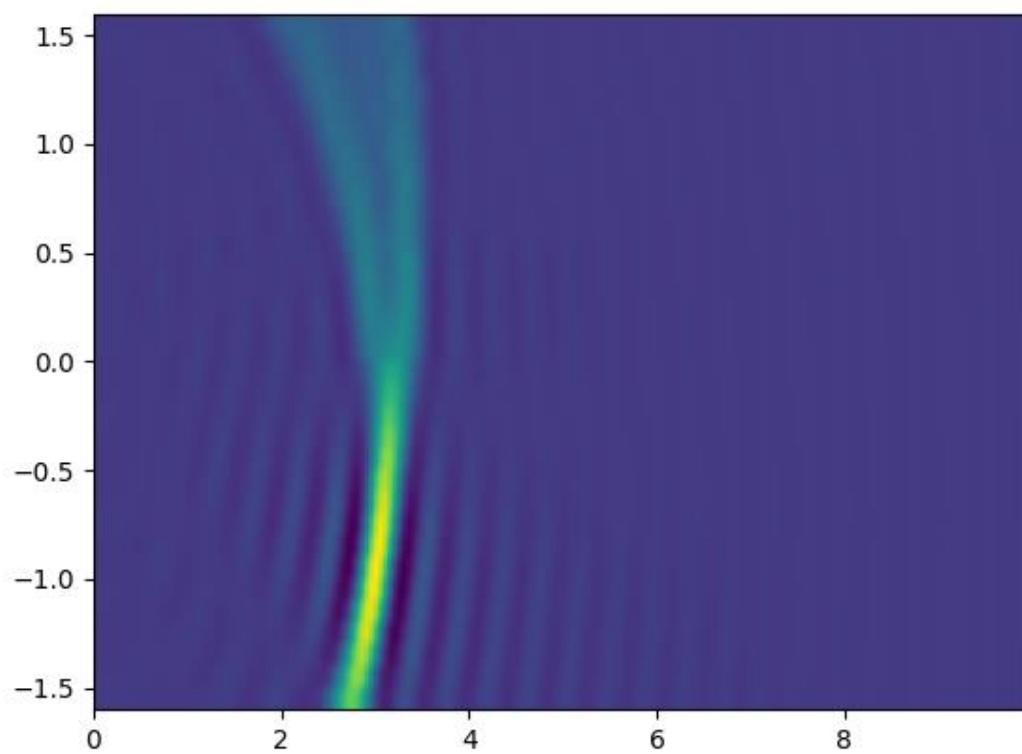
Nmics = 32, Nsamp = 50



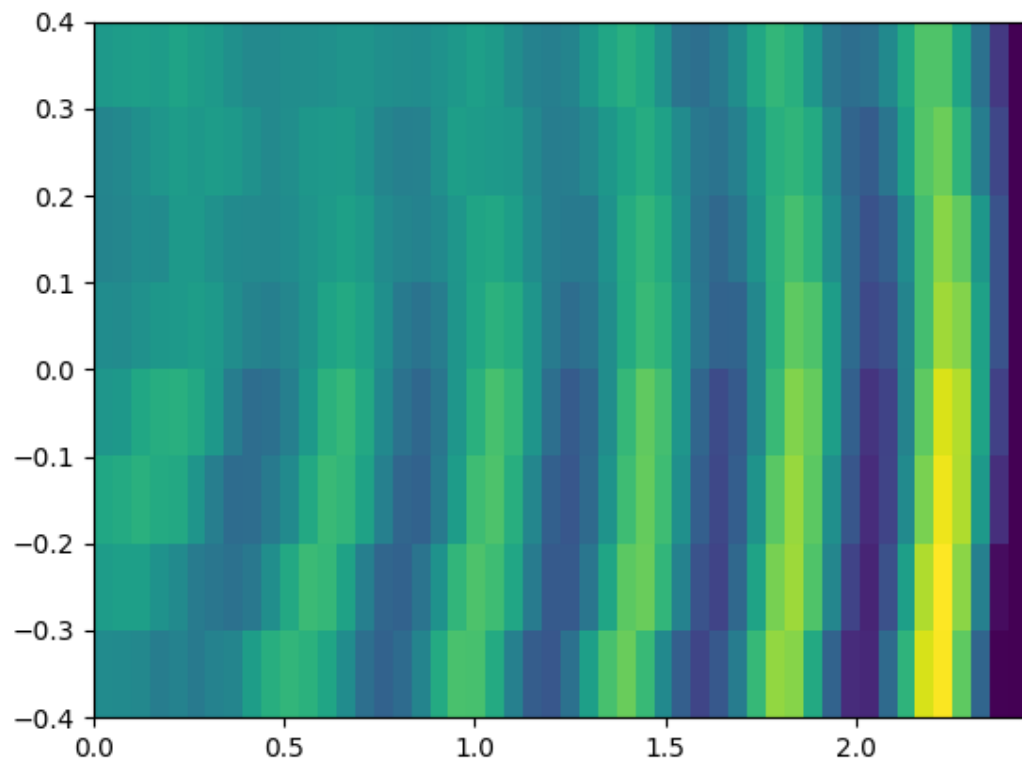
Nmics = 32, Nsamp = 100



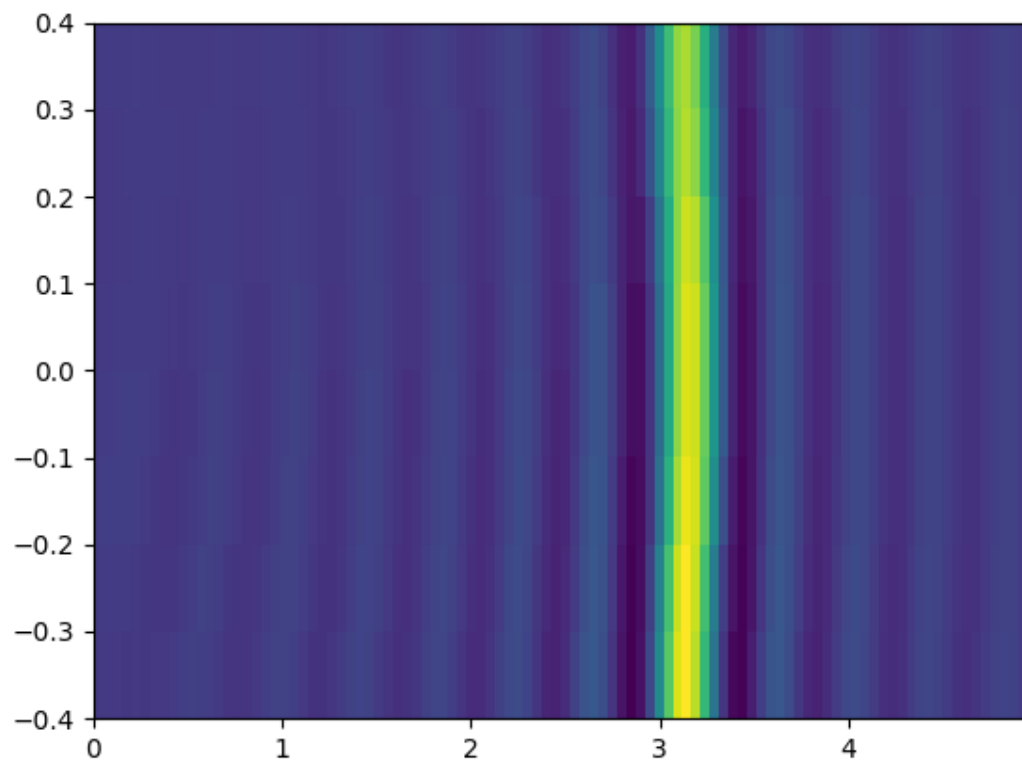
Nmics = 32, Nsamp = 200



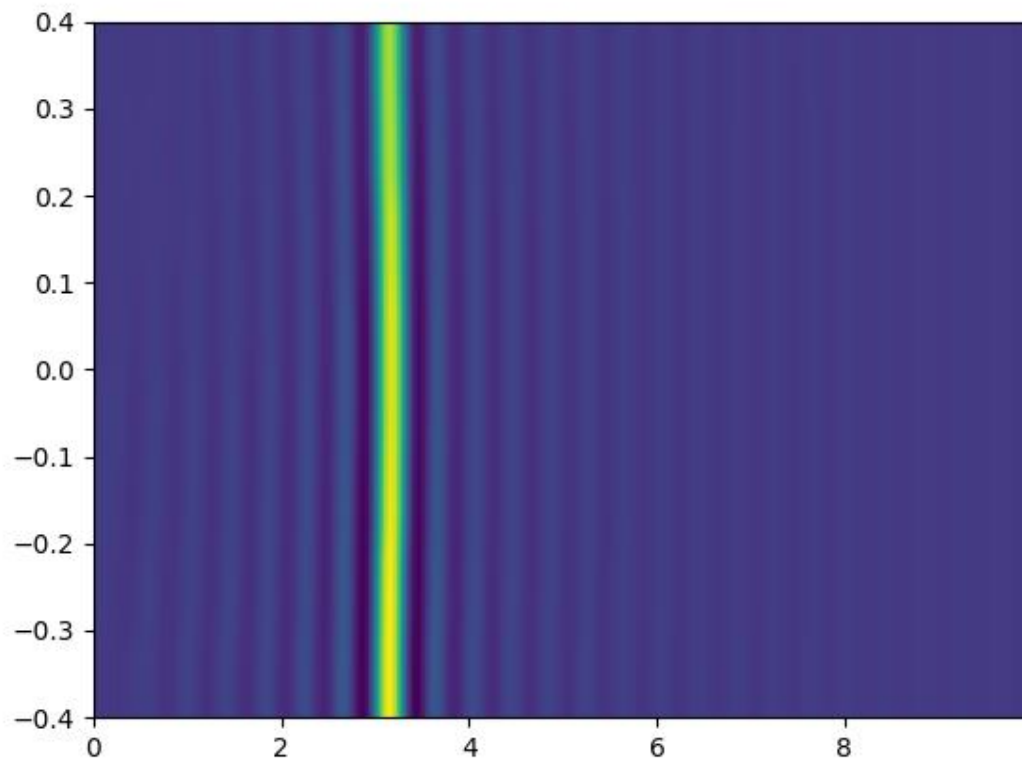
Nmics = 8, Nsamp = 50



Nmics = 8, Nsamp = 100



Nmics = 8, Nsamp = 200



Datasets

- rx2 - Obstacles at (2,0) and (3,1).
- rx3 - Obstacles at (2,0),(3,1) and (4,-0.5).