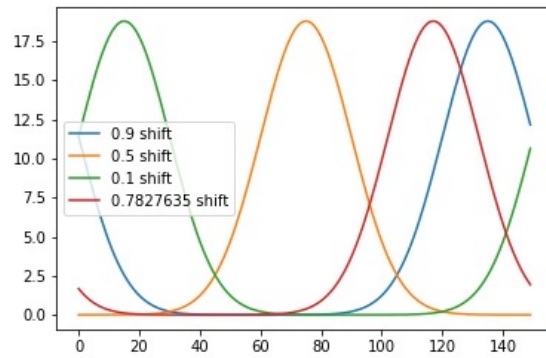


### Problem 3

Graph 1 : Correlation with Shifts



Clearly, by shifting the Gaussian, the correlation function shifts as well.