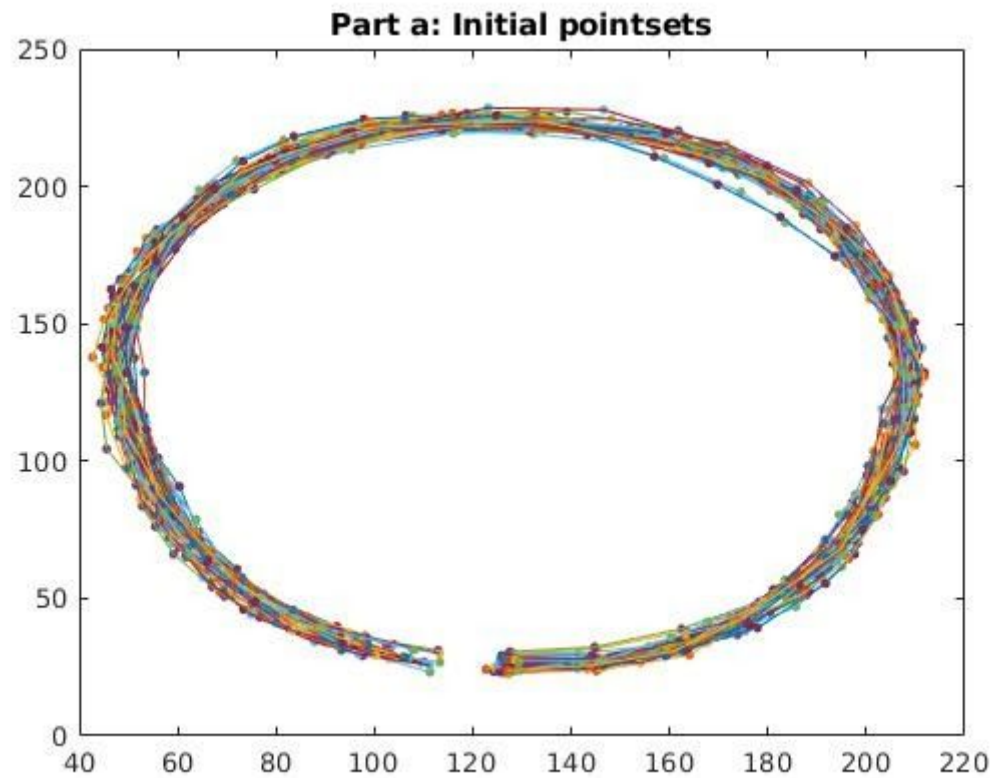
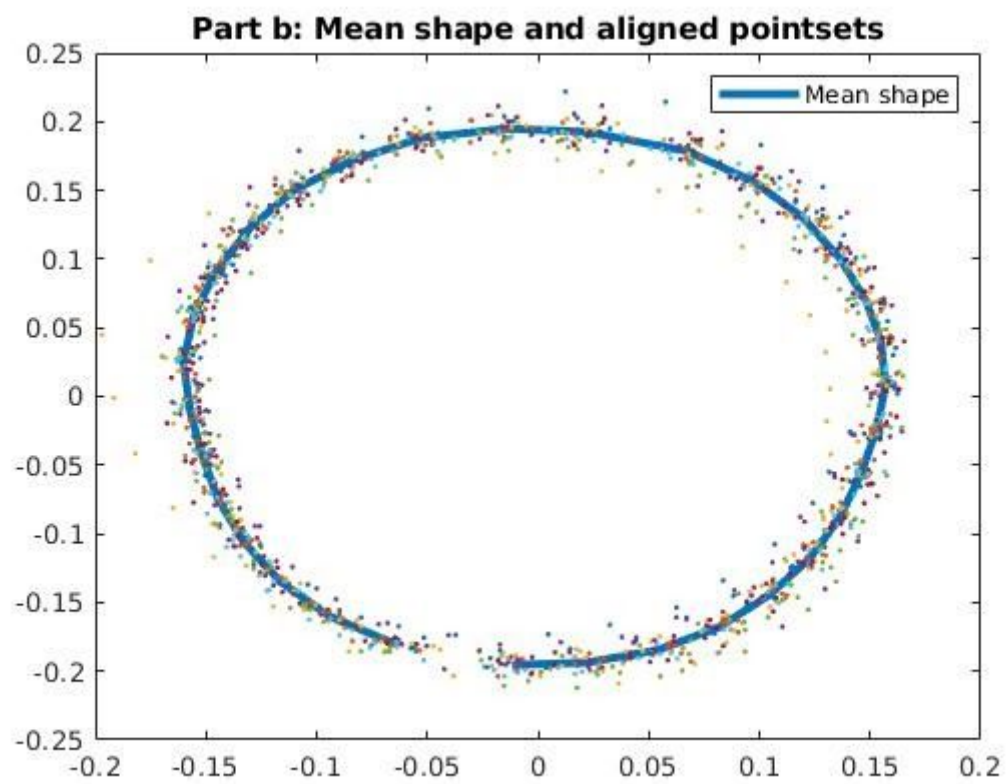


Question 4)

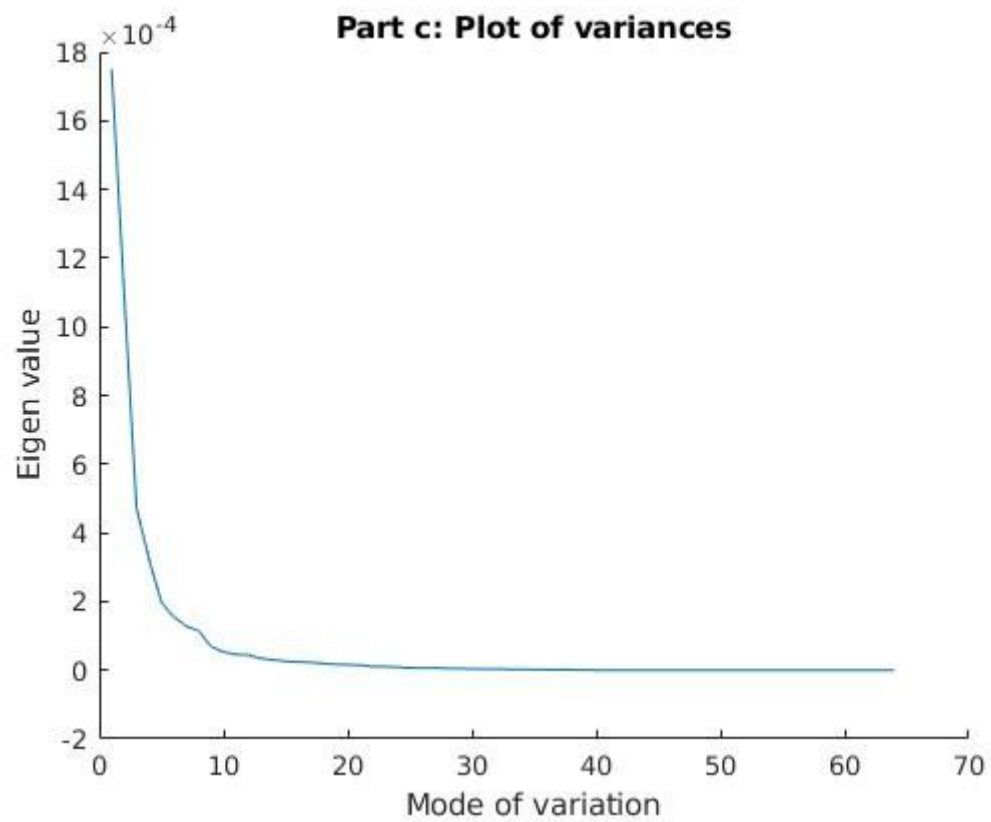
a) The initial pointset is:-



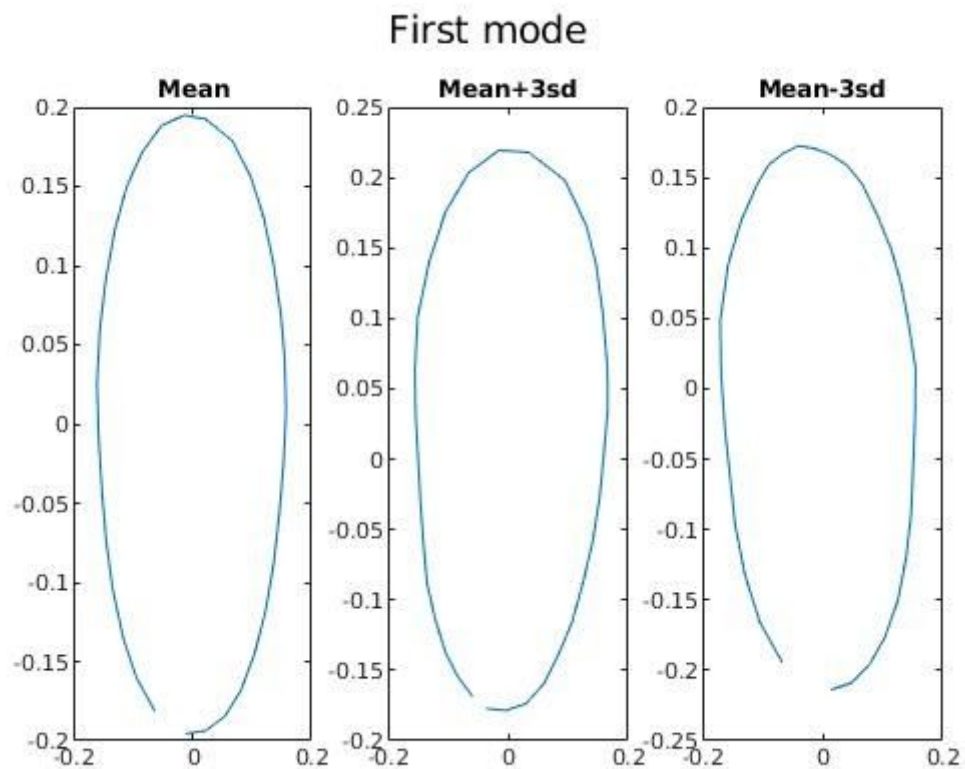
b) Mean shape and the aligned pointset is:-



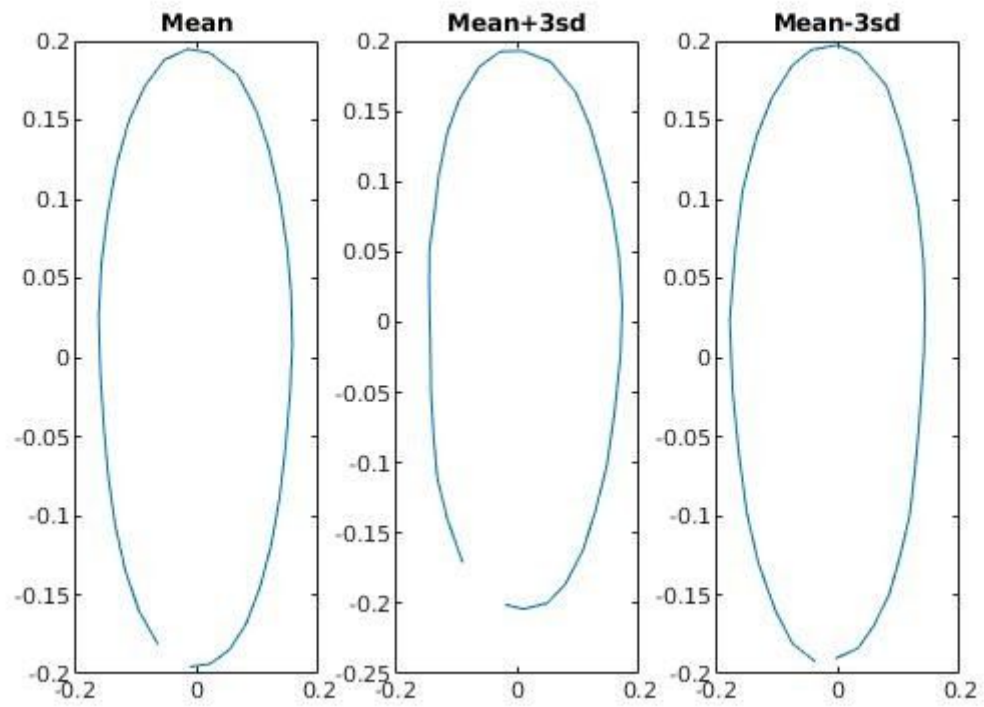
c) Variances along with mode of variation:-



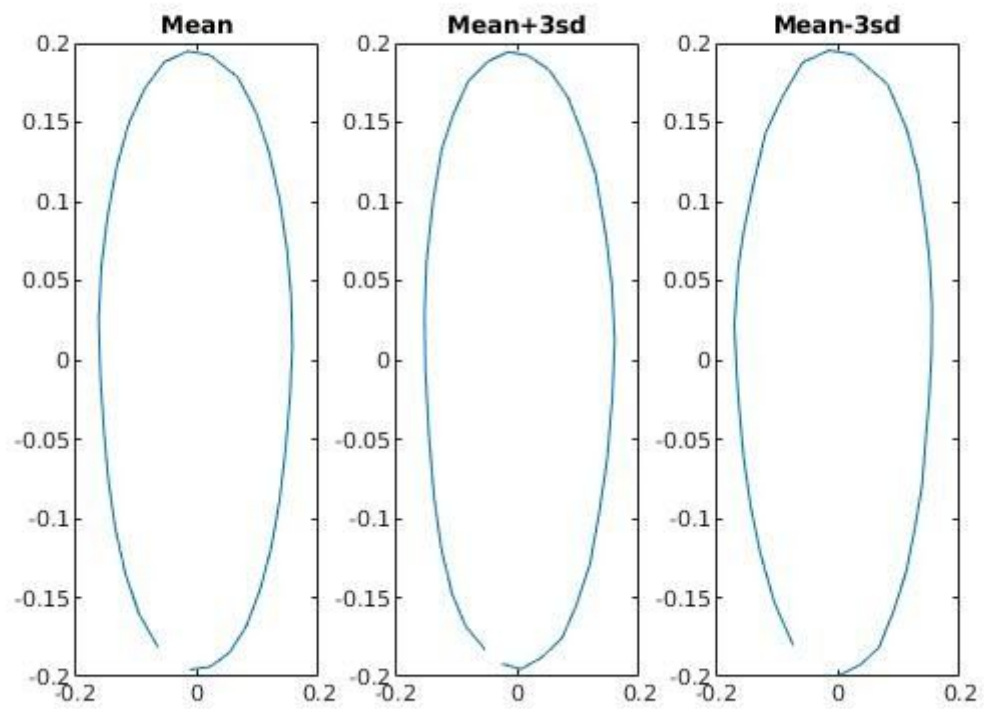
d) Modes of variation



Second mode

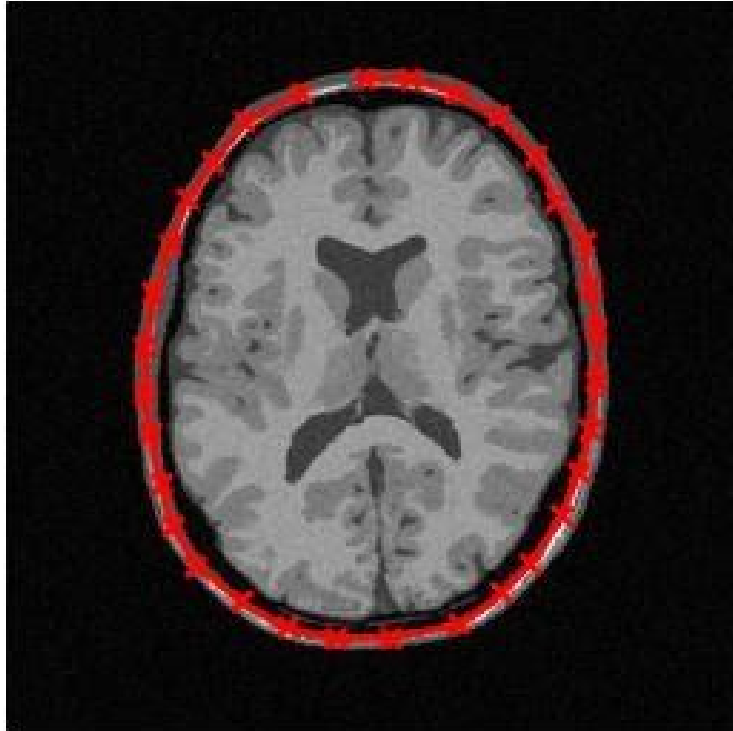


Third mode



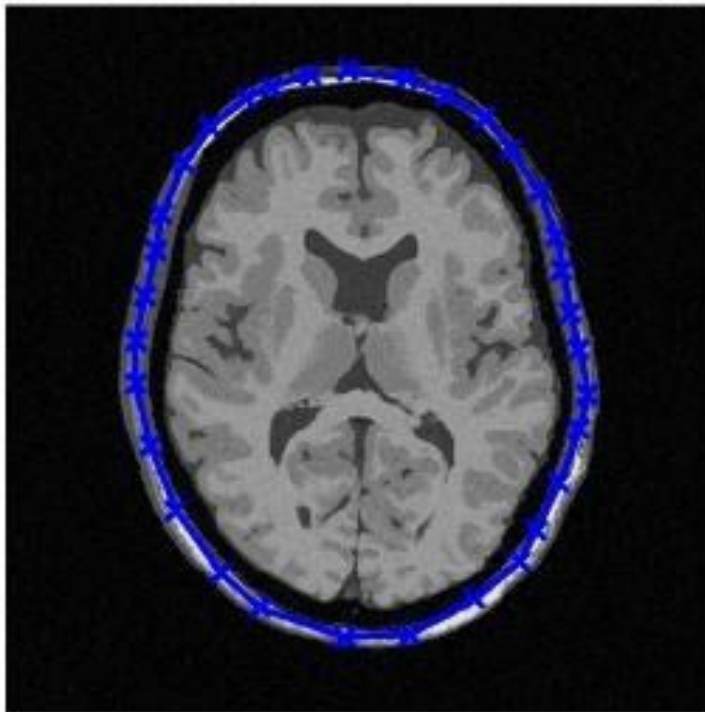
- e) Image closest to first mode of variation:-
Mean:-

Pointset is closest to the mean shape



Mean + 3*Sd:-

Pointset is closest to the mean shape +3sd



Mean - 3*Sd:-

Pointset is closest to the mean shape - 3sd

