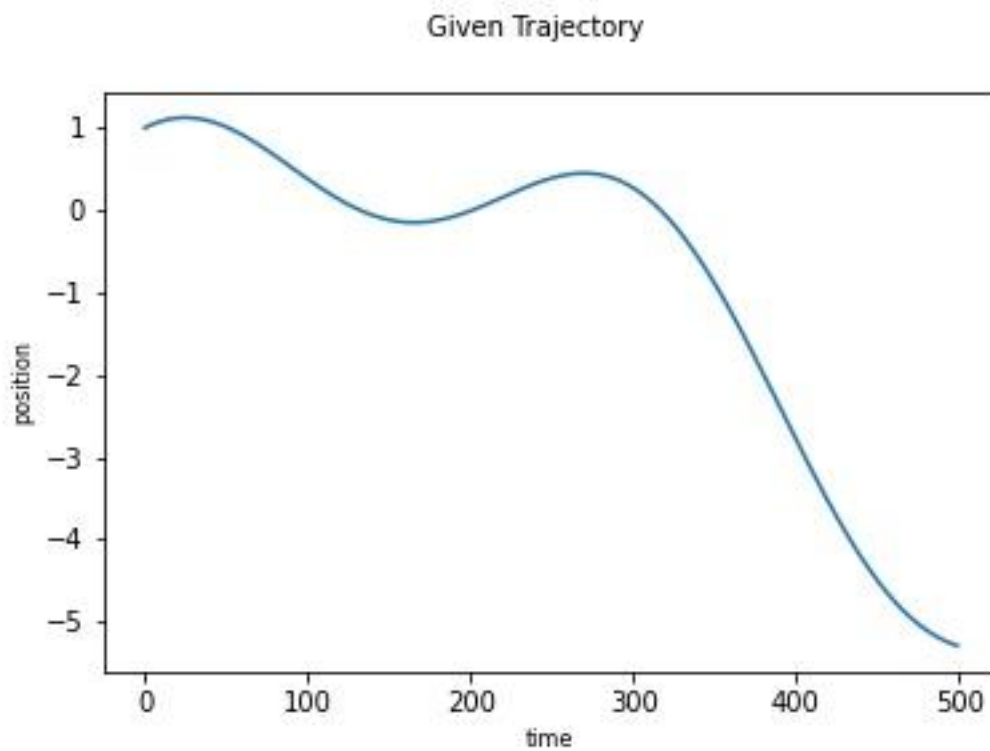
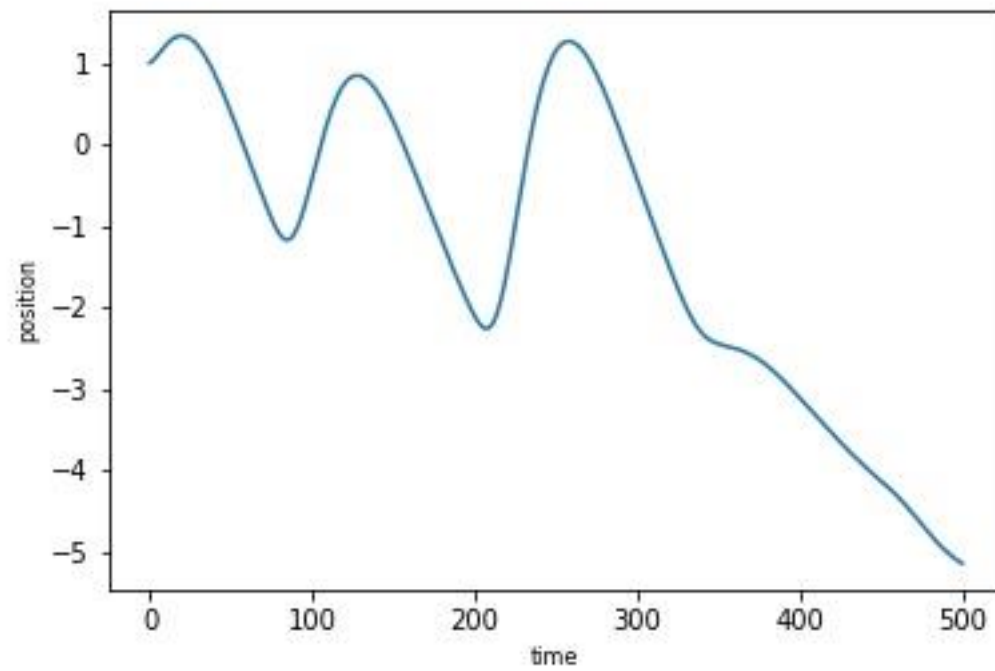


CMPE58Y
HOMEWORK 4: IMPLEMENTING DMP
GENERATED PLOTS
YAĞMUR CEREN DARDAĞAN-2014400063

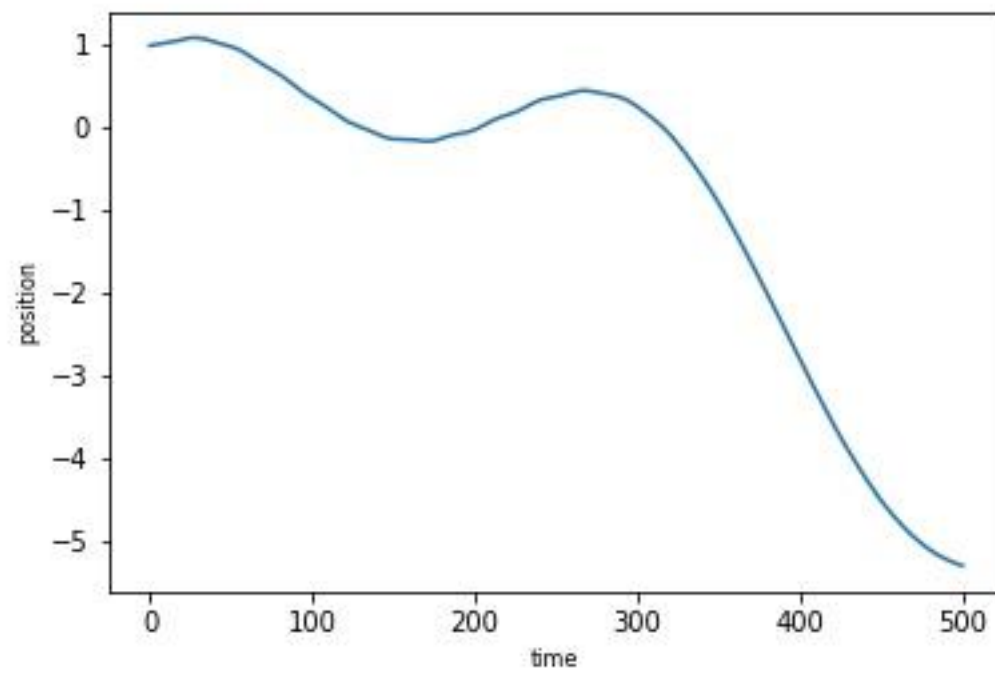
$$\tau \dot{v} = K (g - x) - Dv + (g - x_0) f(s)$$



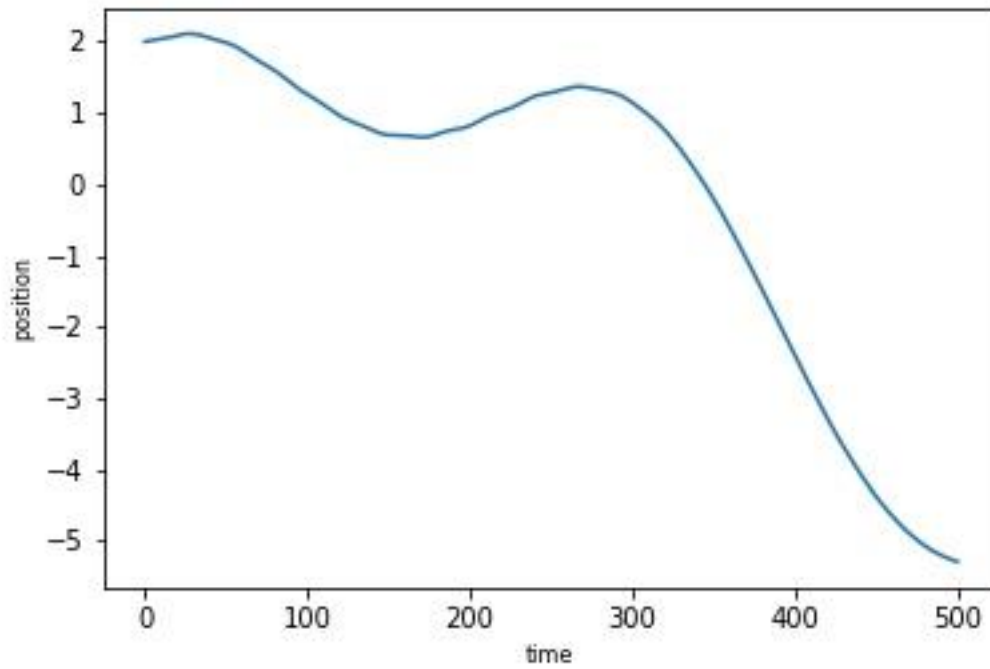
Reproduce the trajectory with 5 basis functions



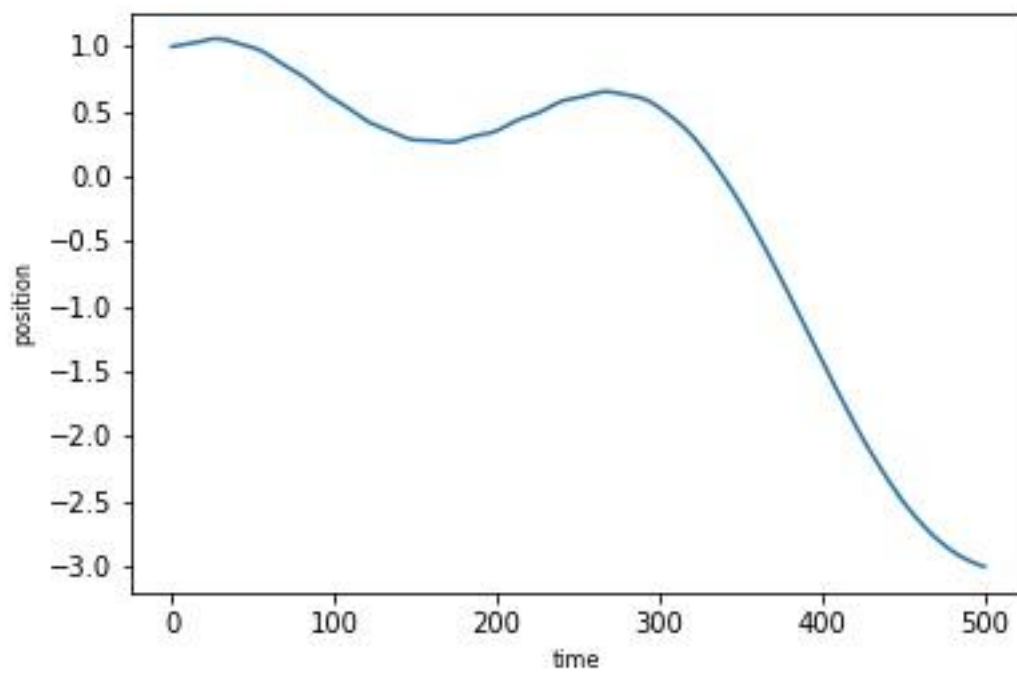
reproduce the trajectory with 20 basis functions



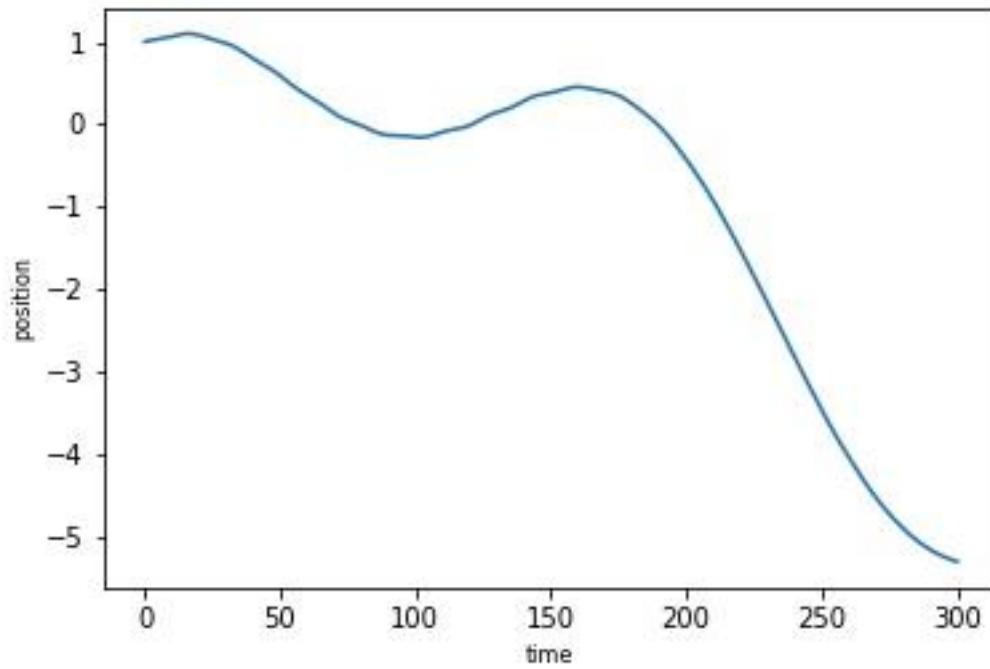
Reproduce the trajectory with 20 basis functions and for new initial position 2



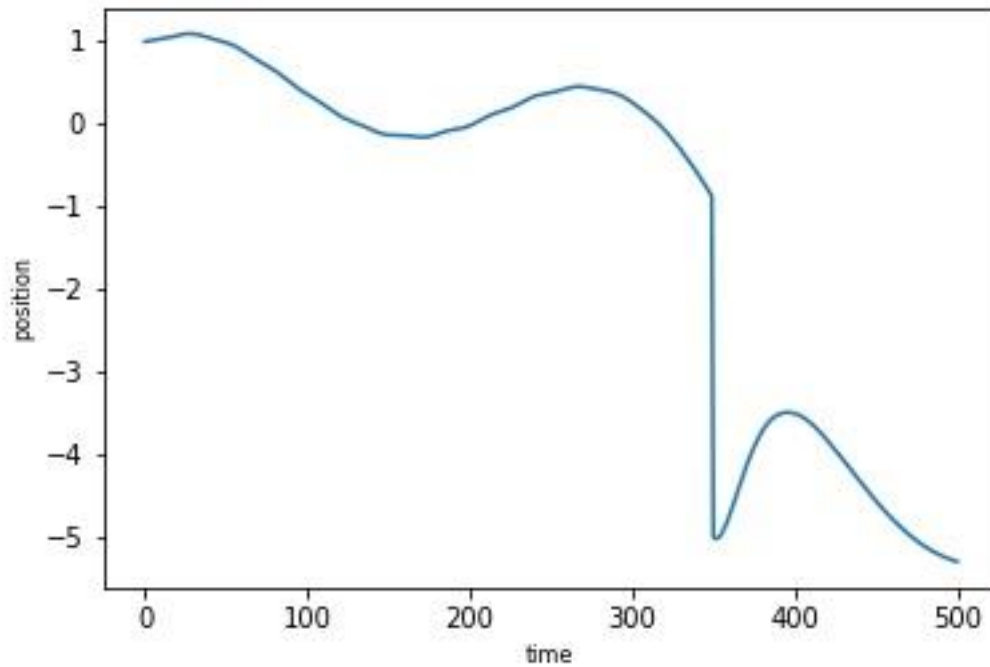
Reproduce the trajectory with 20 basis functions and for new final position -3



Reproduce the trajectory with 20 basis functions and with different duration 300



Reproduce the trajectory with 20 basis functions and changed position at time step 350 to



Given-Generated Trajectories

