

# Coding assignment

## Amin Majdi

Part c

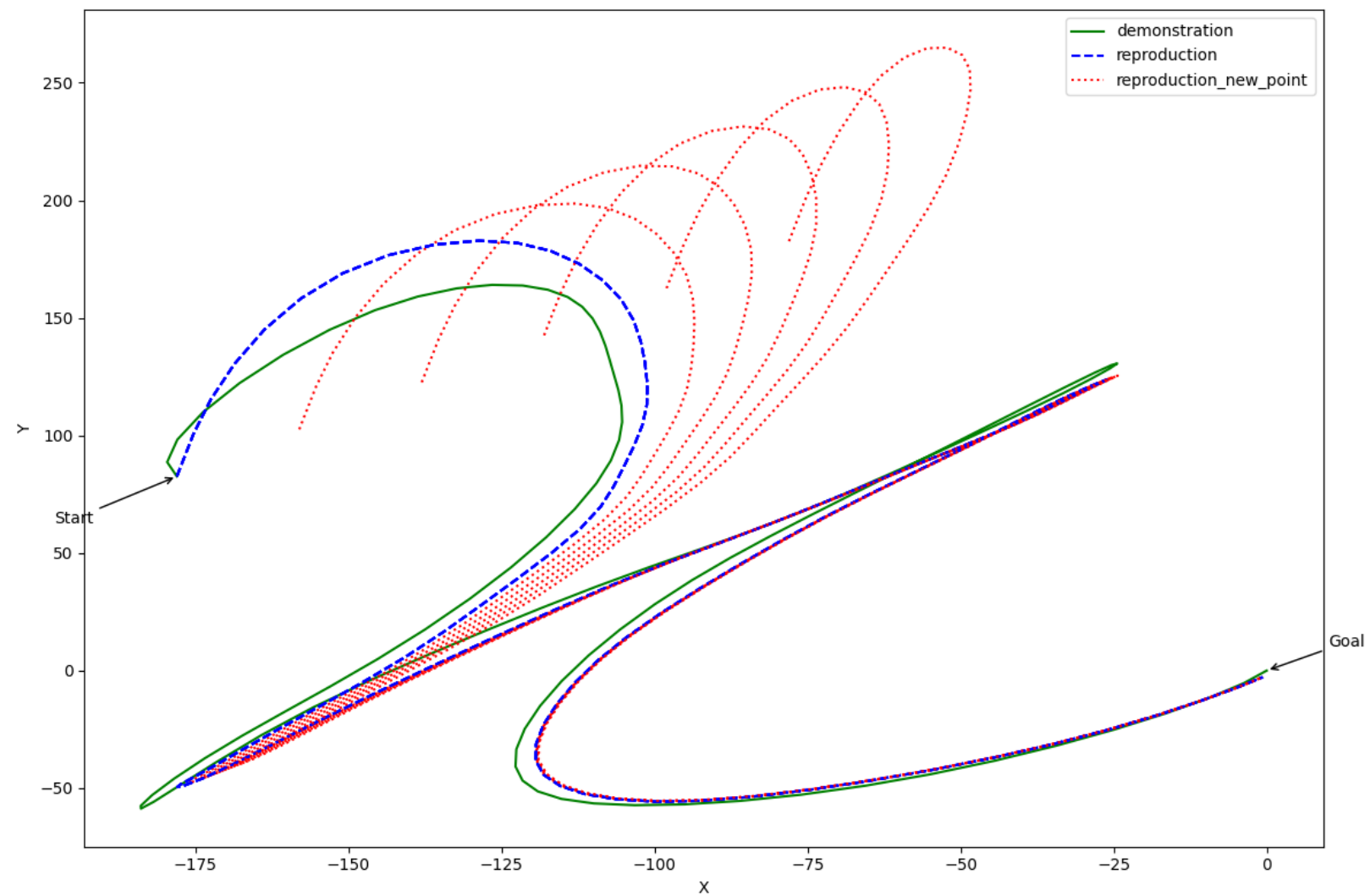


Fig. 1: Reproduction for one random demonstration and reproduce the skill from the original initial point and 5 new initial points

# Part d

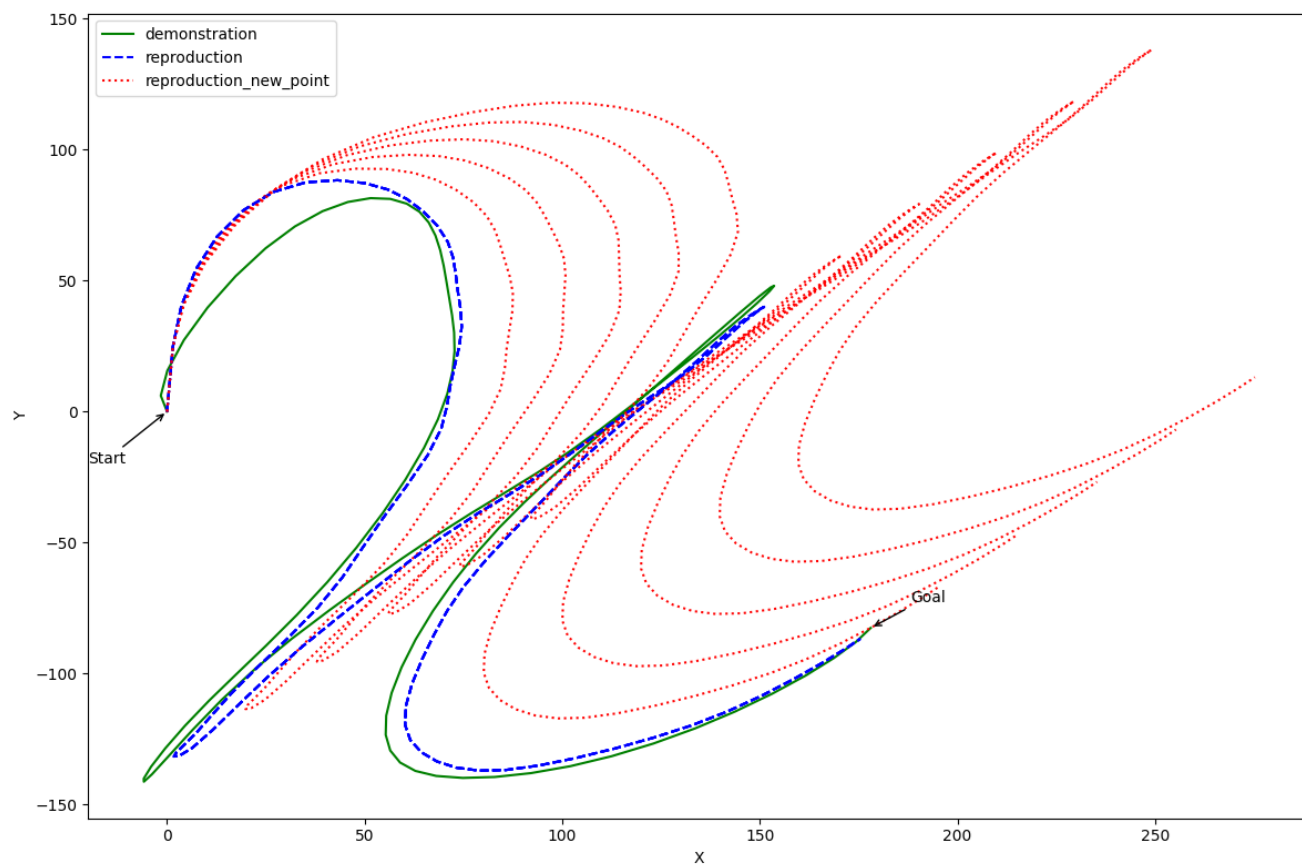


Fig. 2: Reproduction for one random demonstration and reproduce the skill from the fixed initial point and 5 new end points

Part e:

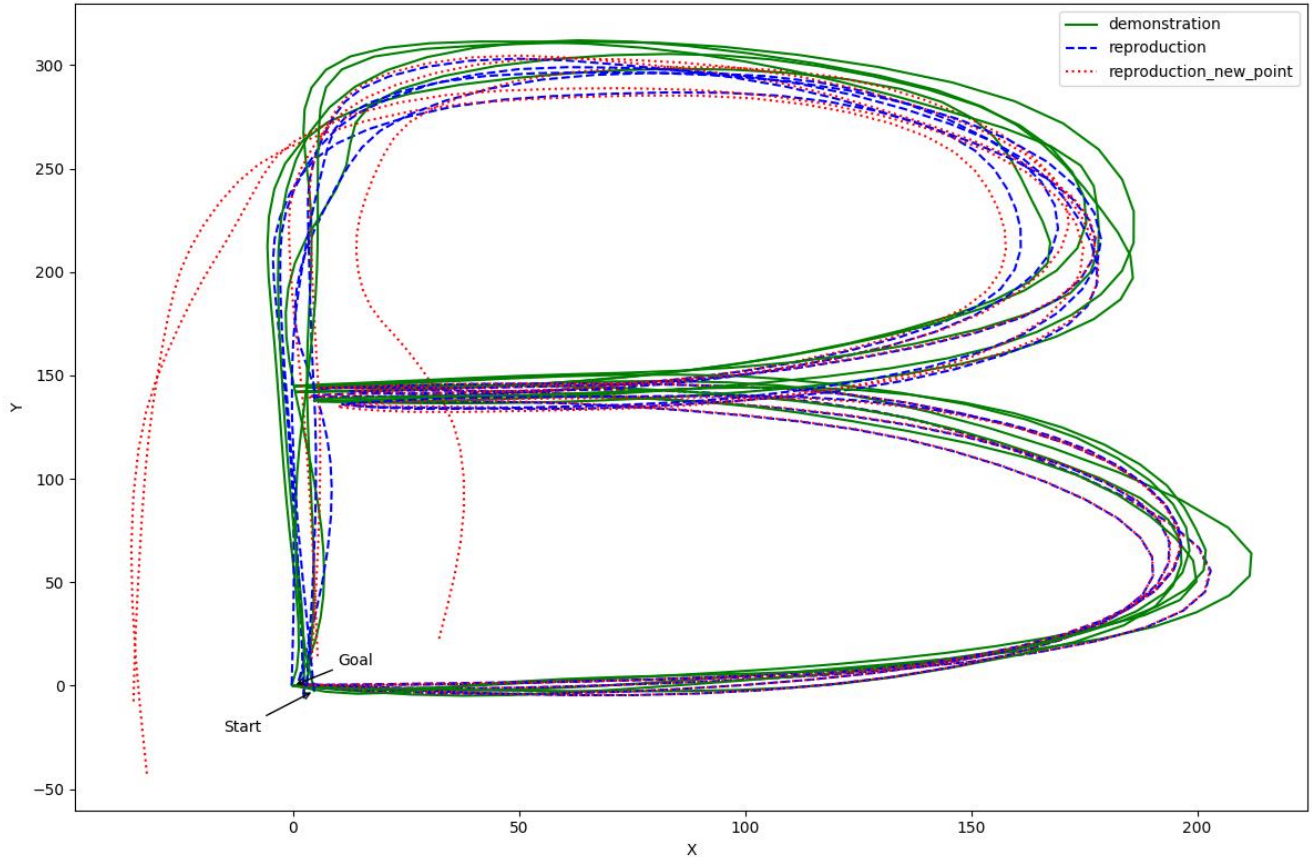


Fig. 3: Reproduction for letter B. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50, 50)$ .

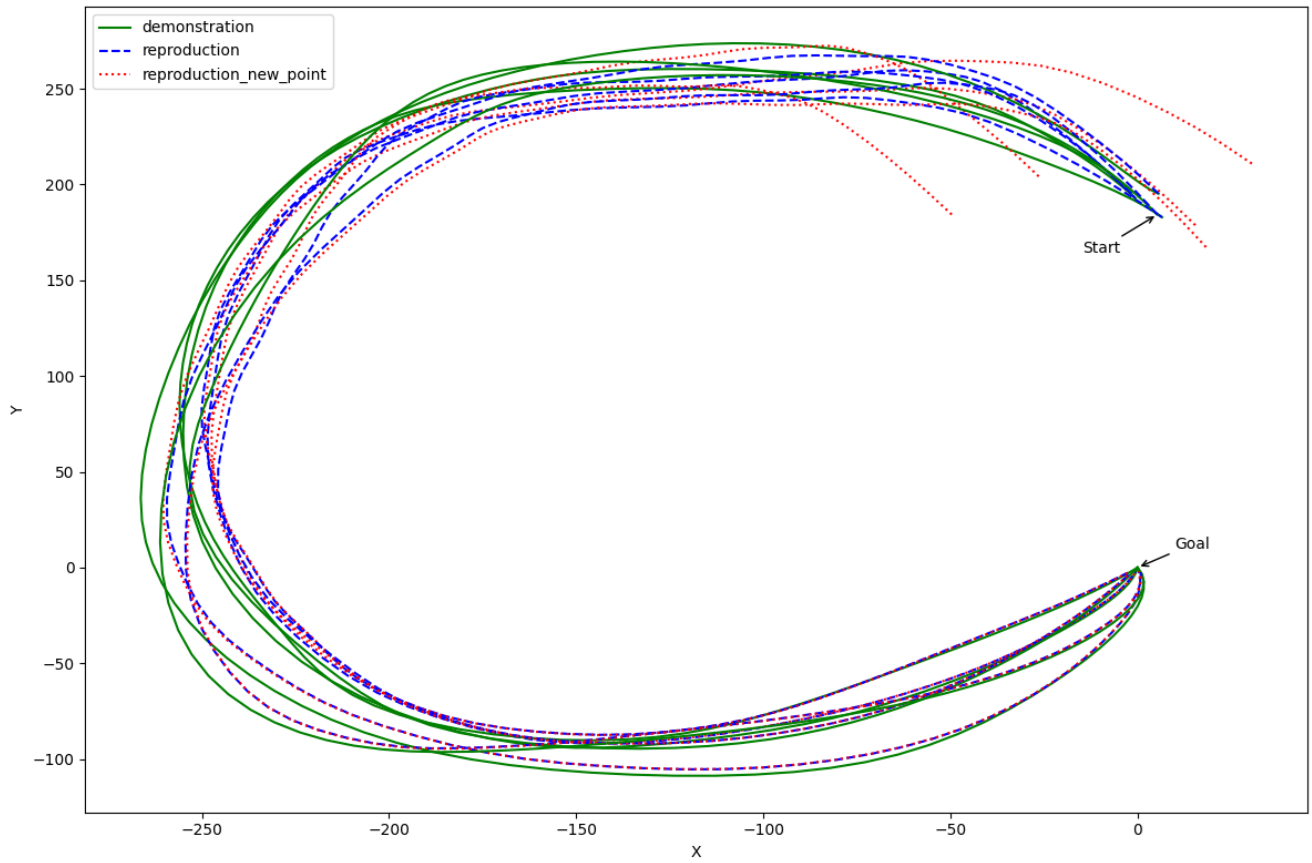


Fig. 4: Reproduction for letter C. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50, 50)$ .

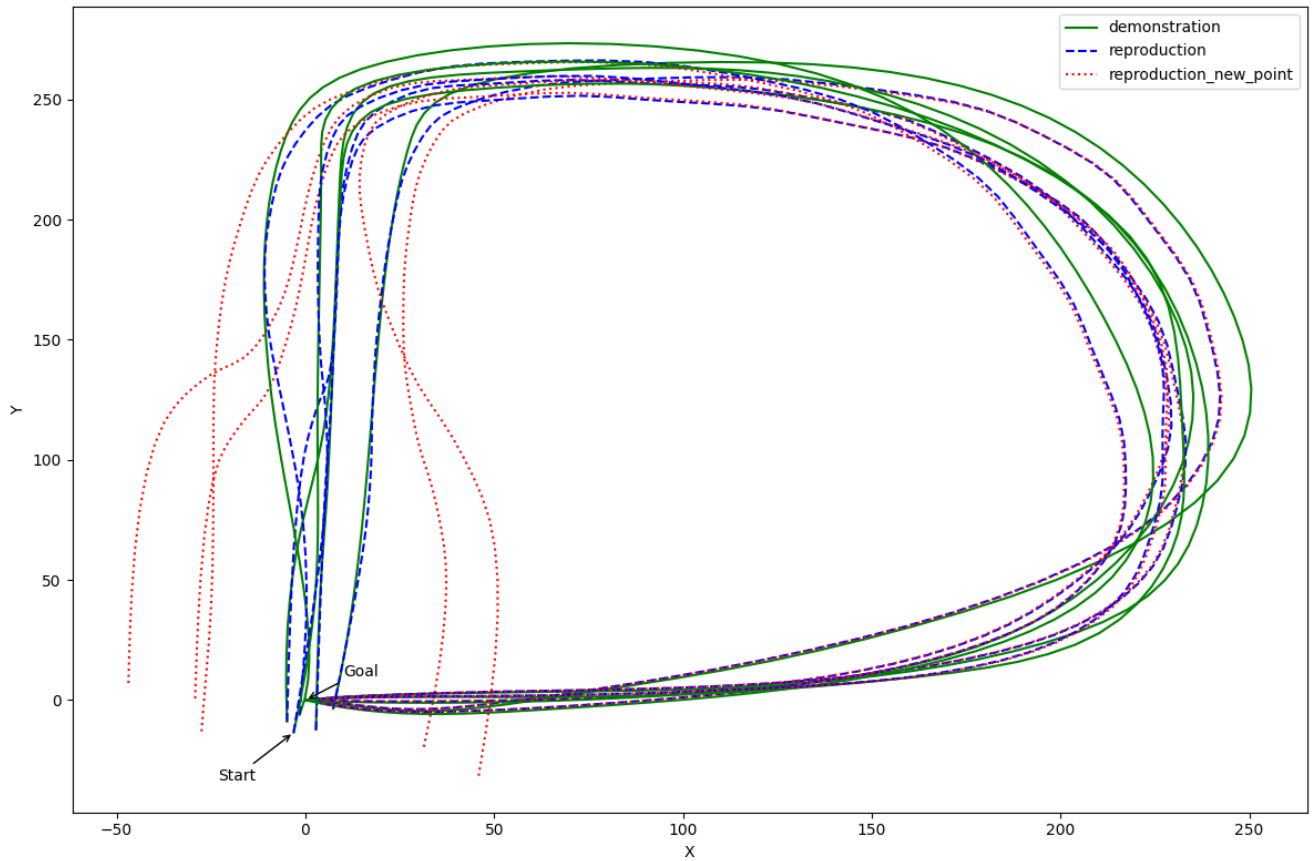


Fig. 5: Reproduction for letter D. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

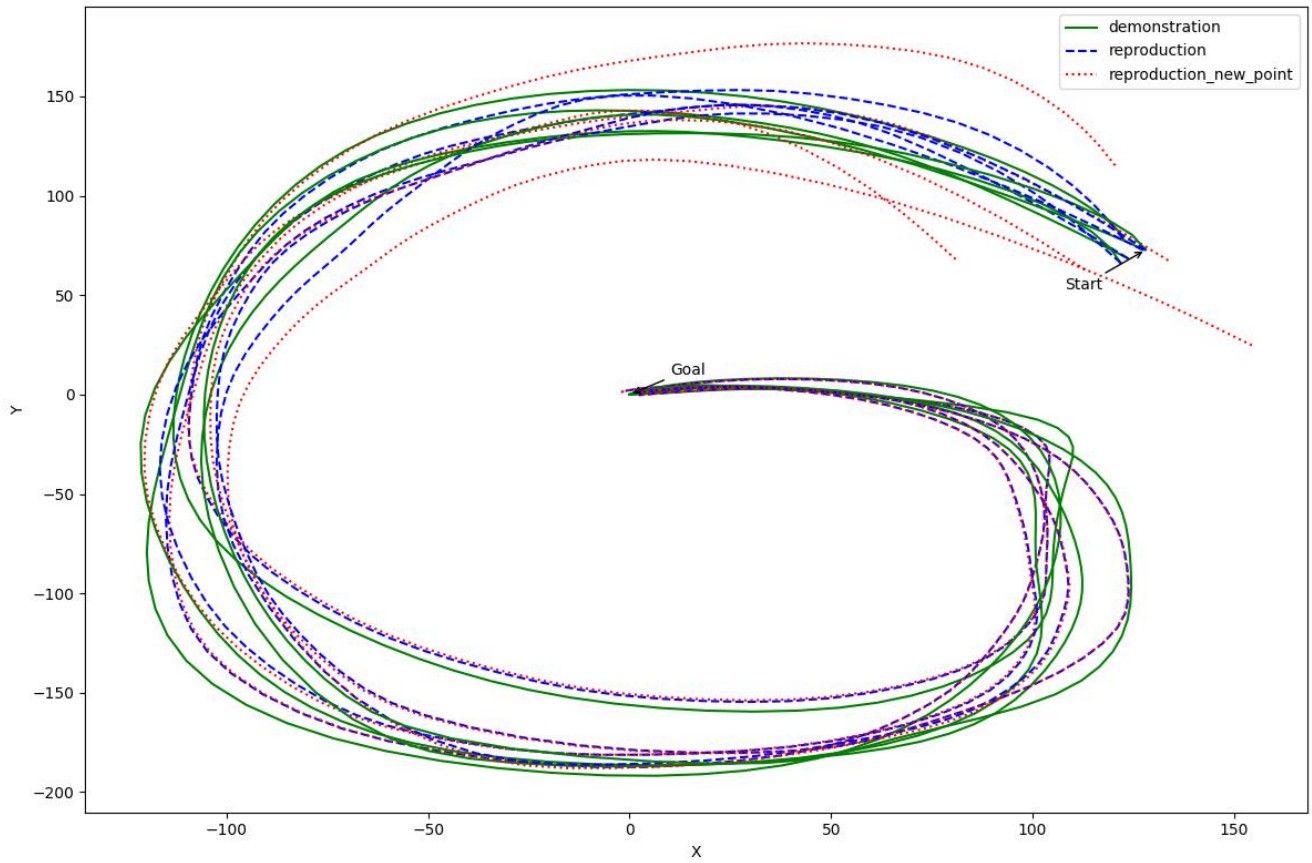


Fig. 6: Reproduction for letter G. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

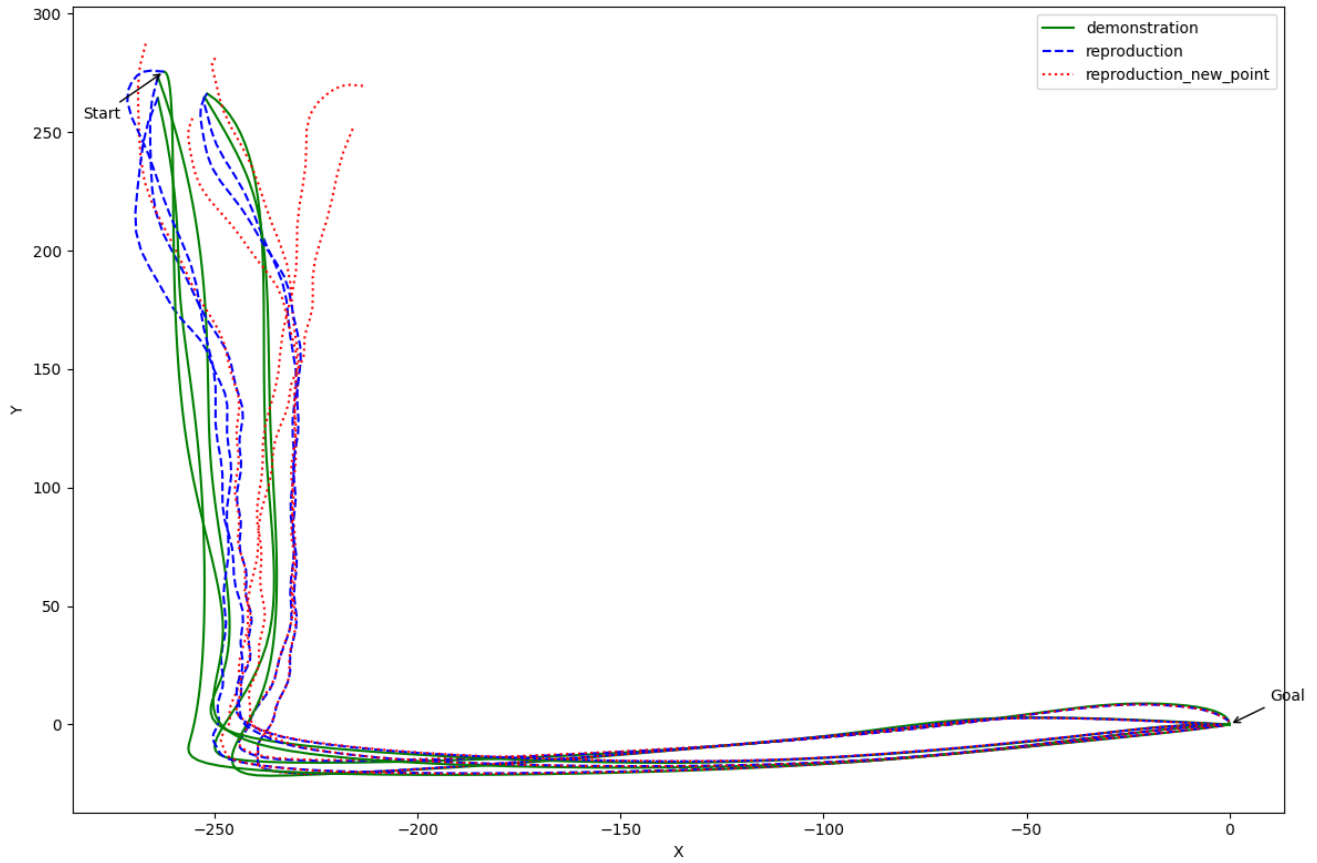


Fig. 7: Reproduction for letter C. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .



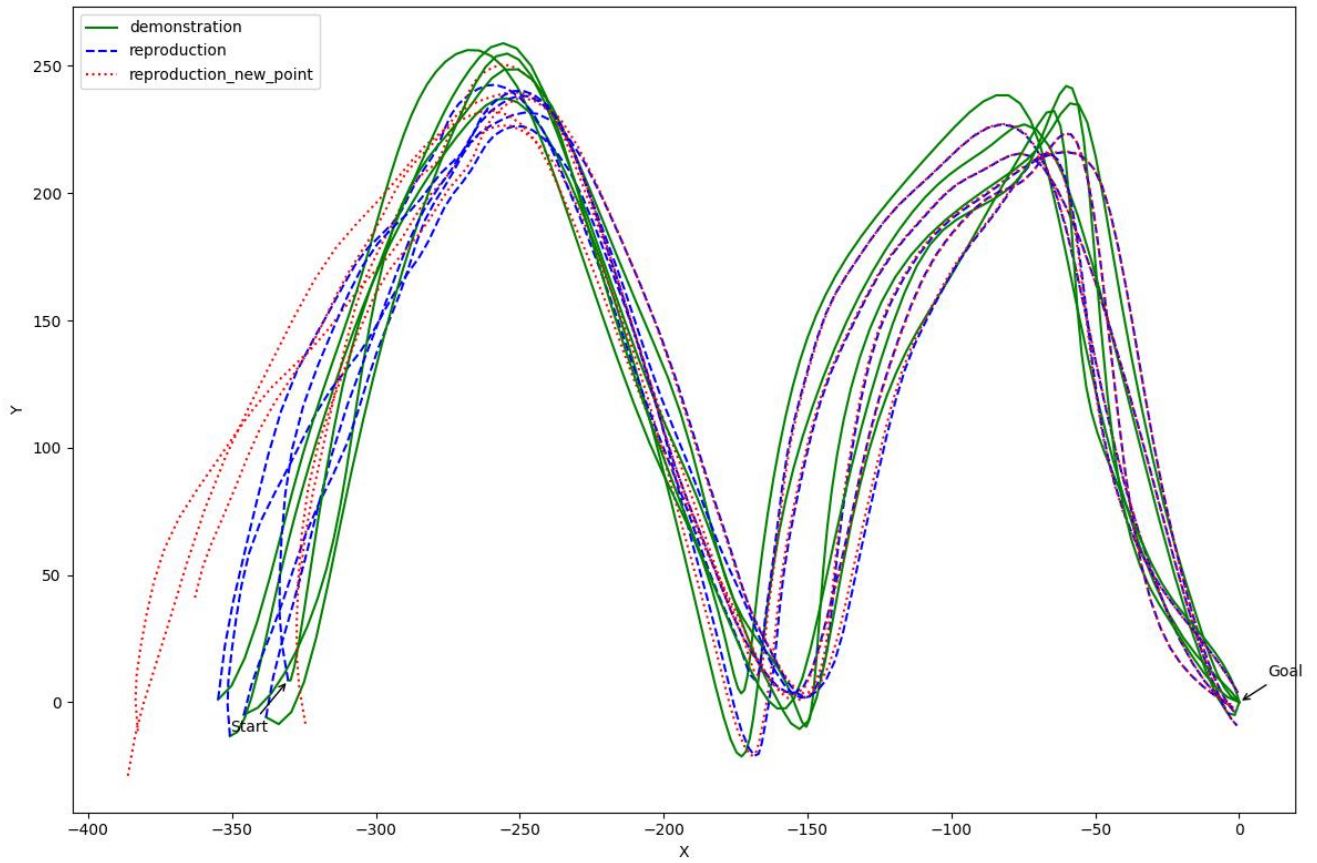


Fig. 8: Reproduction for letter M. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

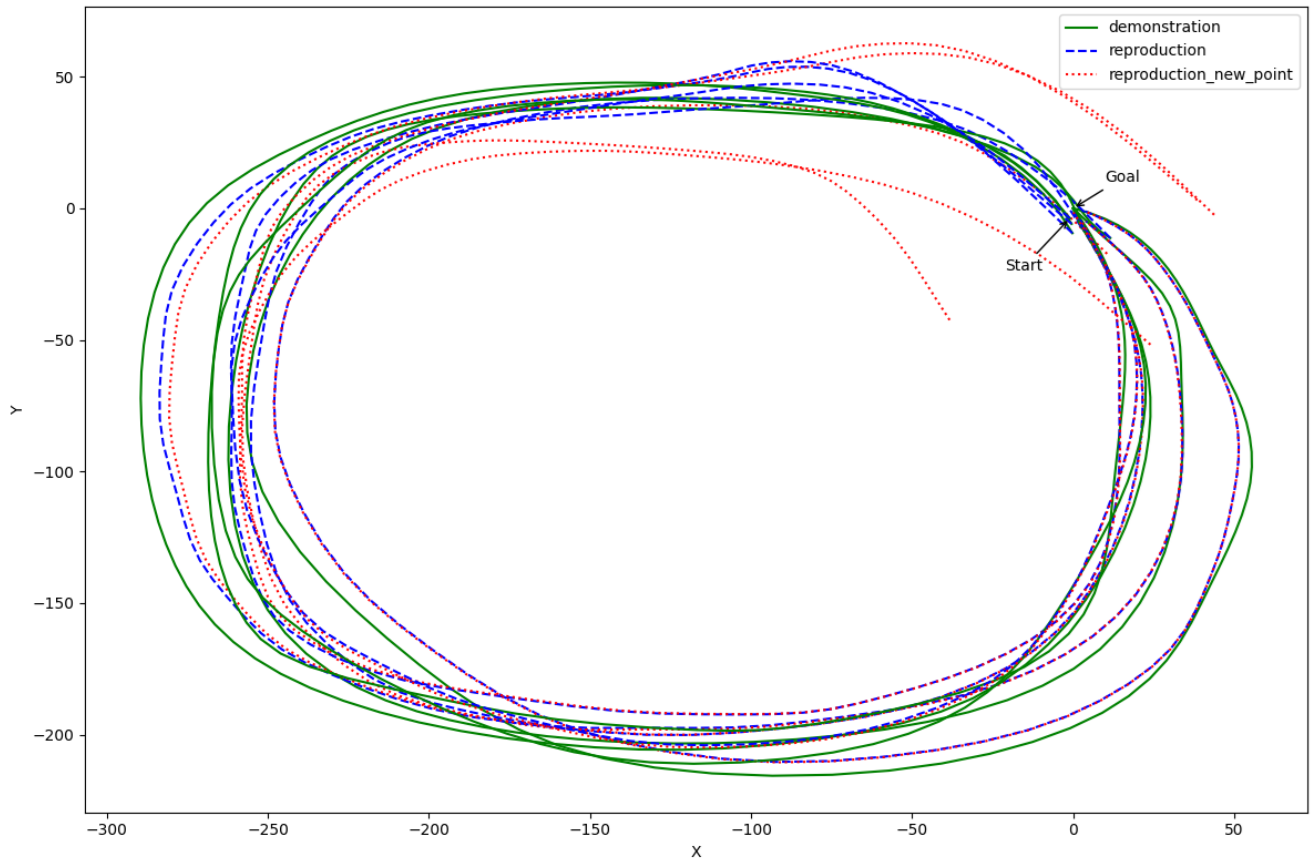


Fig. 9: Reproduction for letter O. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

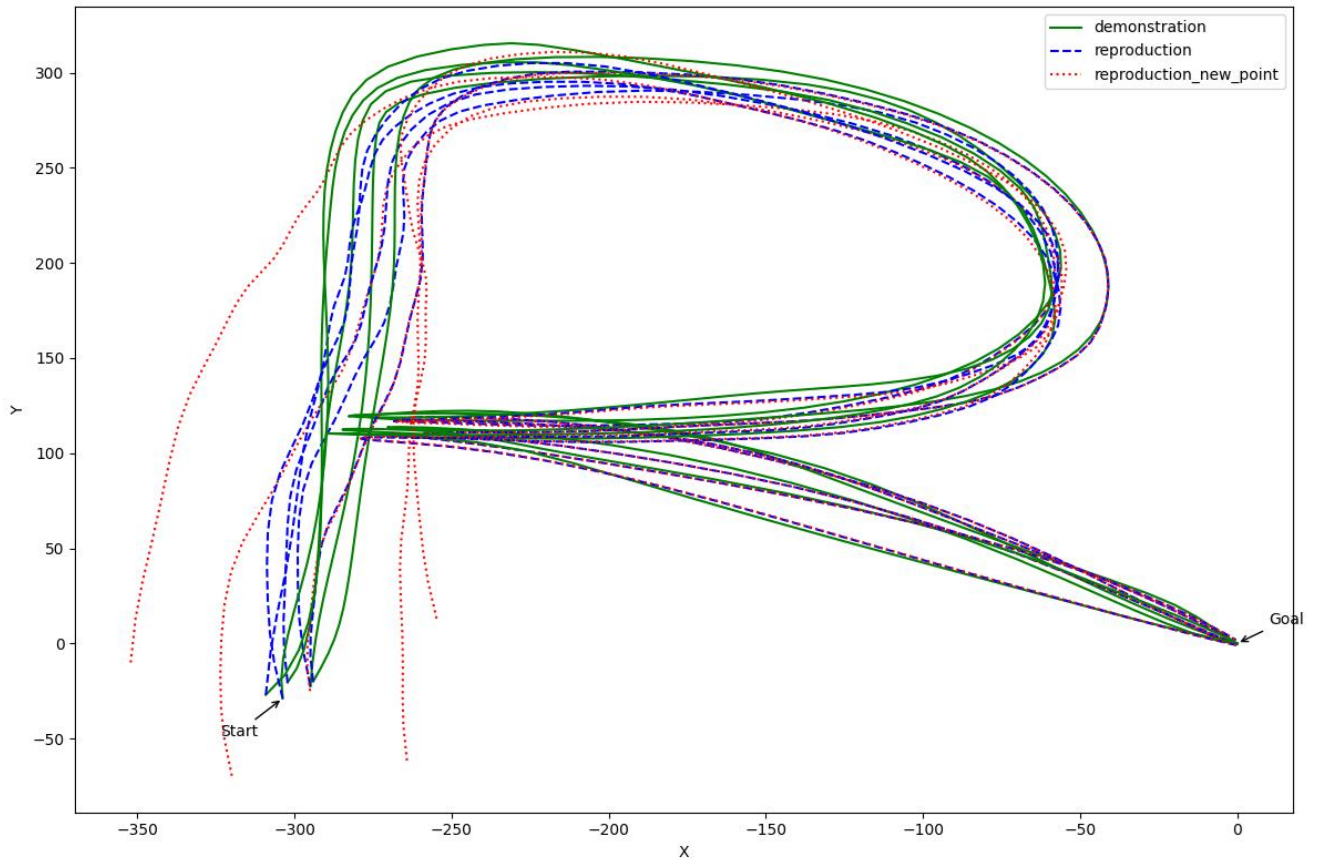


Fig. 10: Reproduction for letter R. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

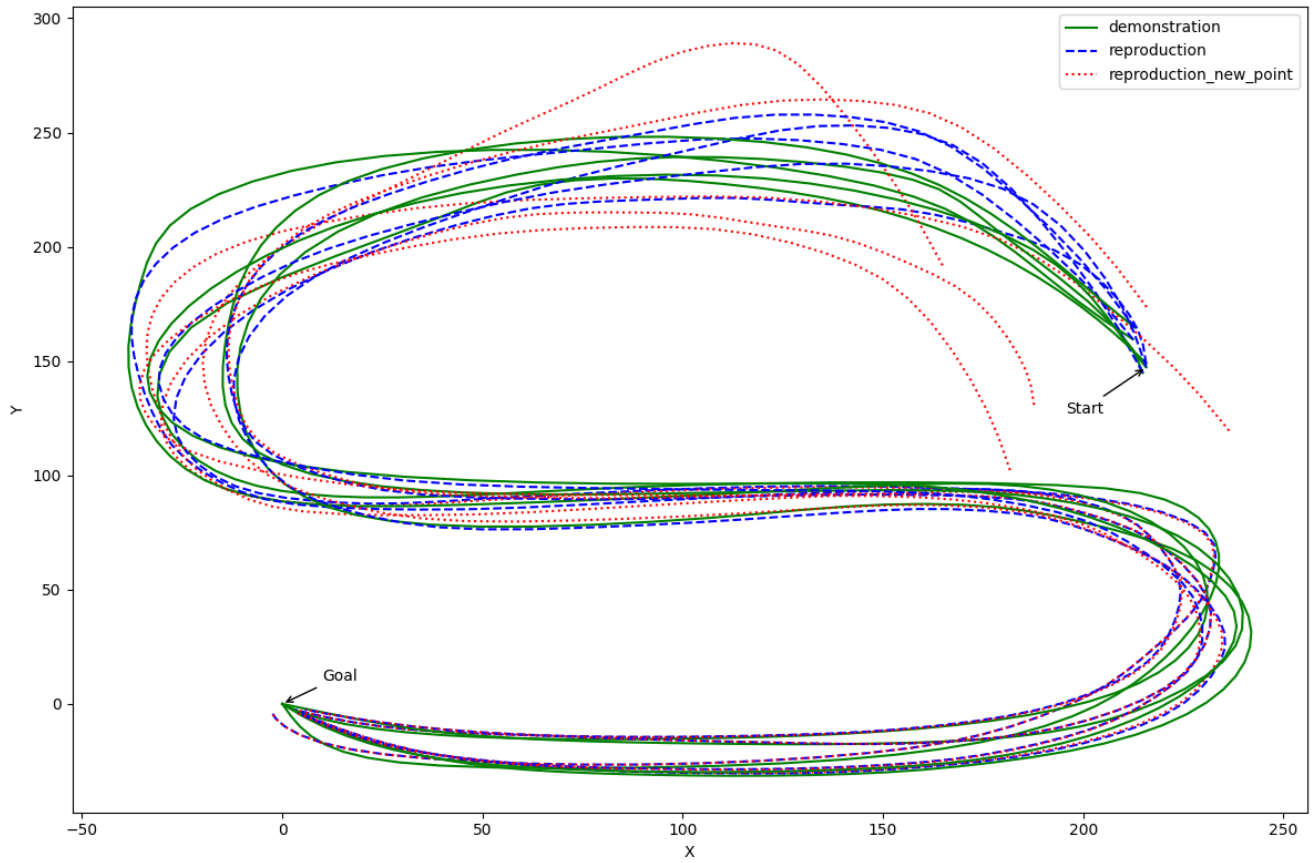


Fig. 11: Reproduction for letter S. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

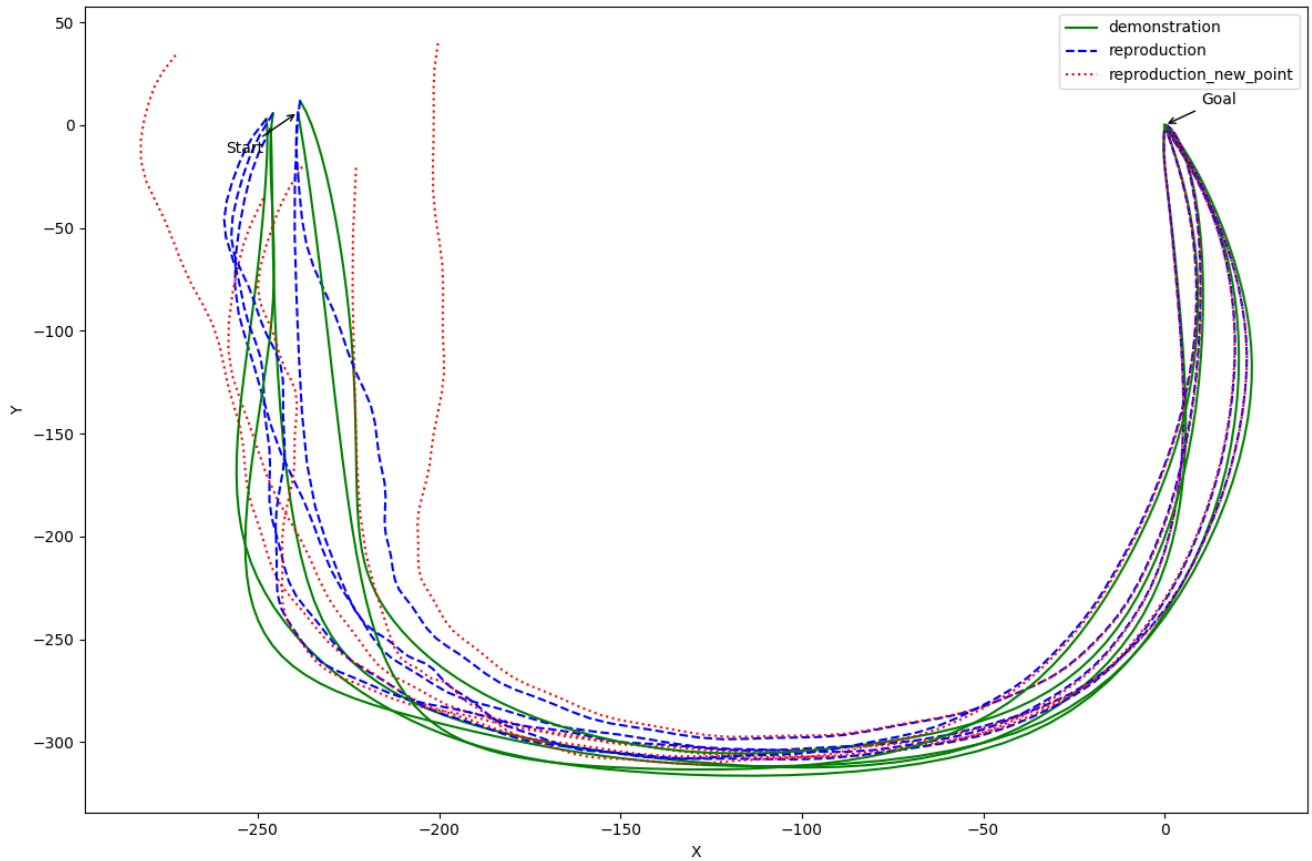


Fig. 12: Reproduction for letter U. Consists of 5 demonstrations. For each demonstration we reproduced 2 new plots, one starts from the same initial point and the other one starts from a random initial point in the vicinity of  $\pm(50,50)$ .

Part f:

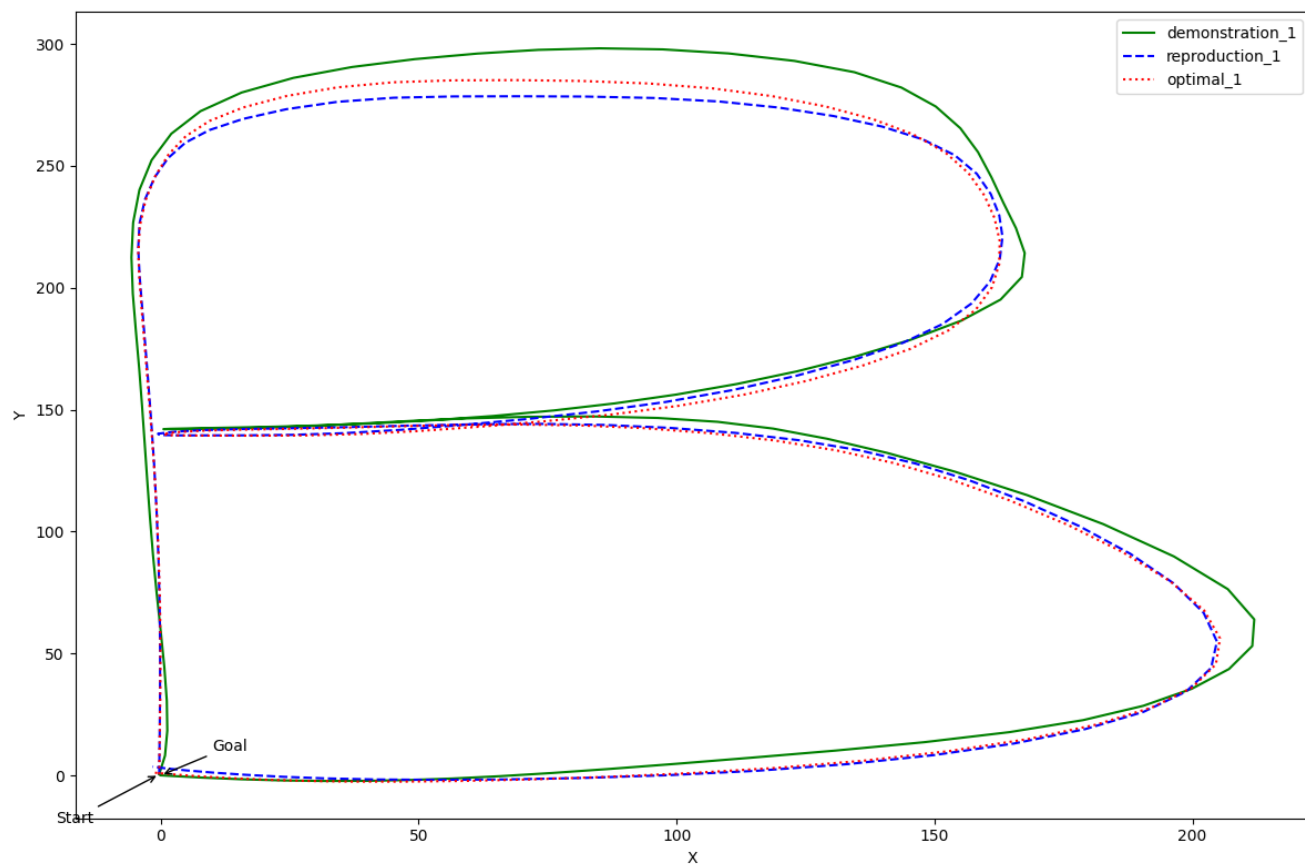


Fig. 13: Cost function optimization for letter B