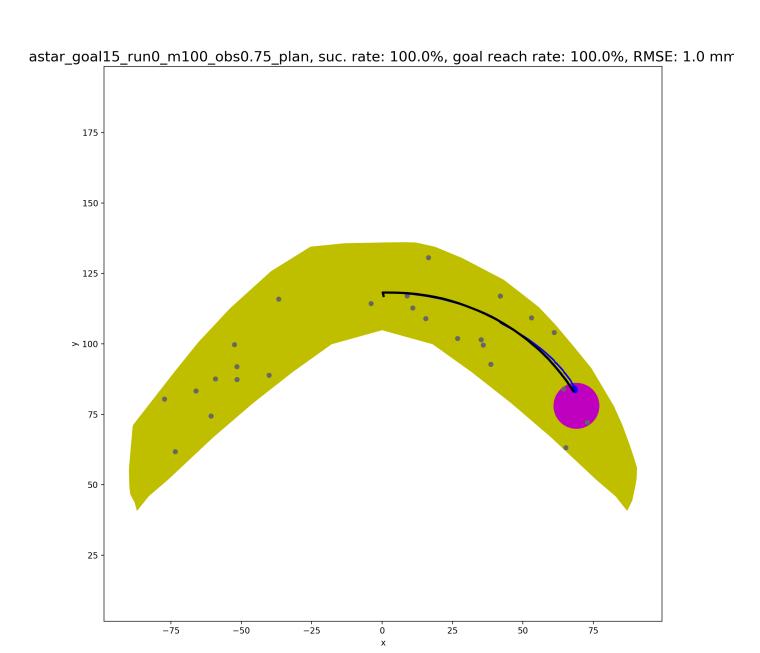
Meeting 05/19/2020

Shuo Zhang

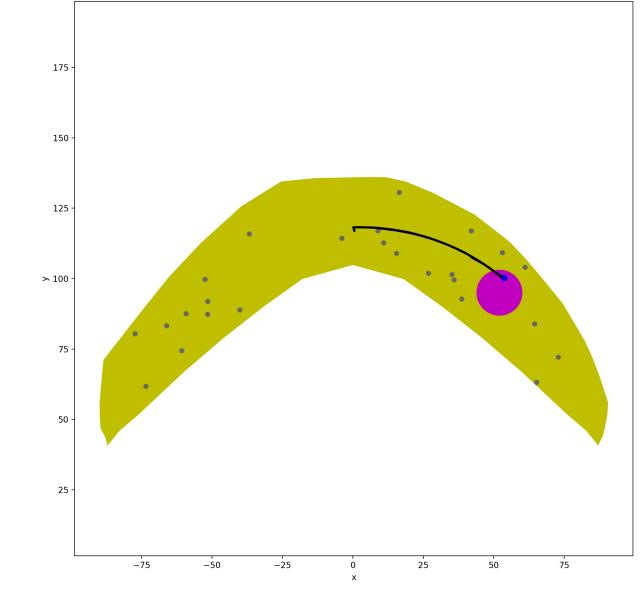
Cases in Paper:

- Simple Cases
- Horsehoe case

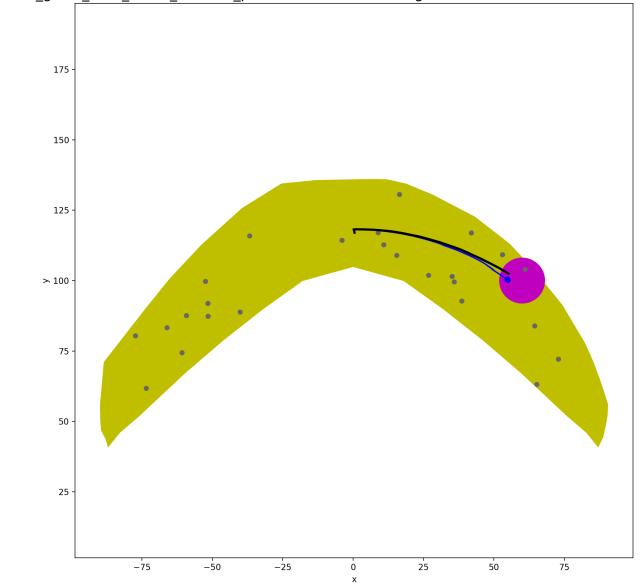
dist_sofar+dist_togoal +100*check_small_action +1000*check_opposite_direction



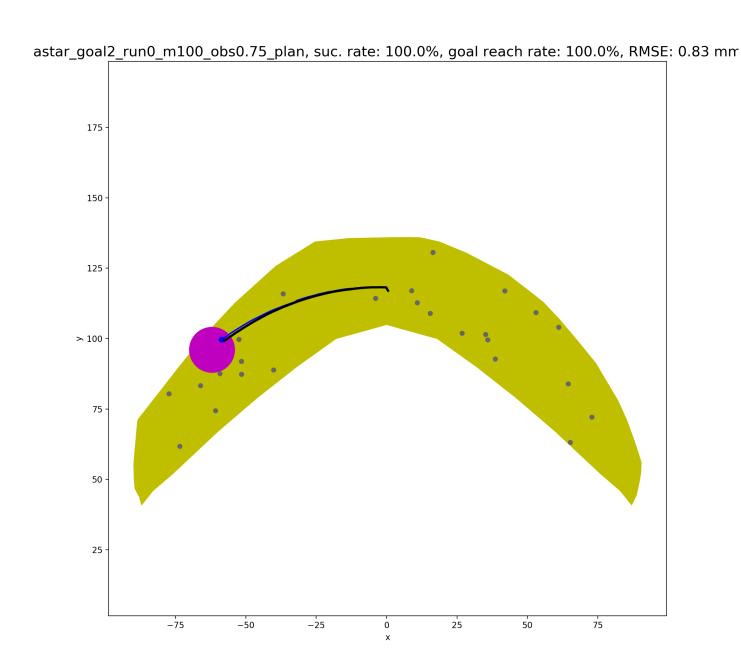
dist_sofar+dist_togoal +100*check_small_action +1000*check_opposite_direction astar_goal8_run0_m100_obs0.75_plan, suc. rate: 100.0%, goal reach rate: 100.0%, RMSE: 0.94 mm



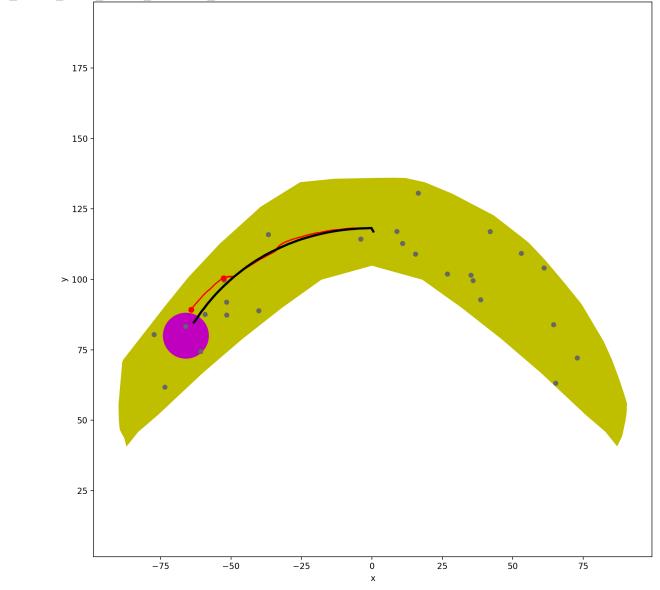
dist_sofar+dist_togoal +100*check_small_action +1000*check_opposite_direction astar_goal7_run0_m100_obs0.75_plan, suc. rate: 100.0%, goal reach rate: 100.0%, RMSE: 1.25 mm



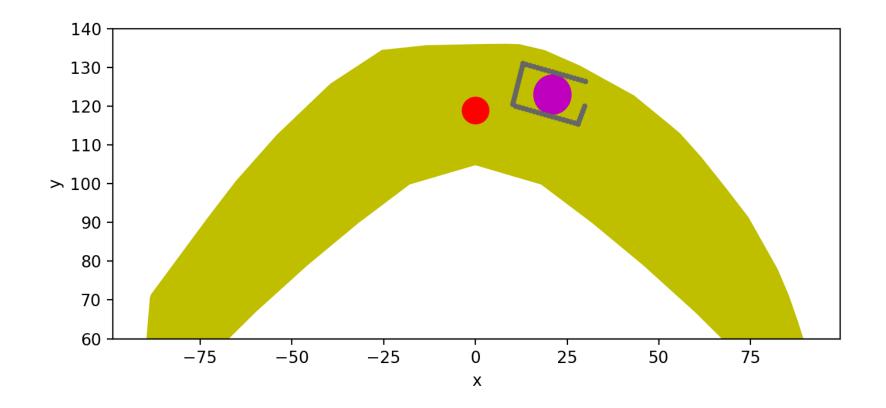
dist_sofar+dist_togoal +100*check_small_action +1000*check_opposite_direction



dist_sofar+dist_togoal +100*check_small_action +1000*check_opposite_direction r_goal0_run0_m100_obs0.75_plan, suc. rate: 66.66666666666666, goal reach rate: 0.0%, RMSE: 2.1

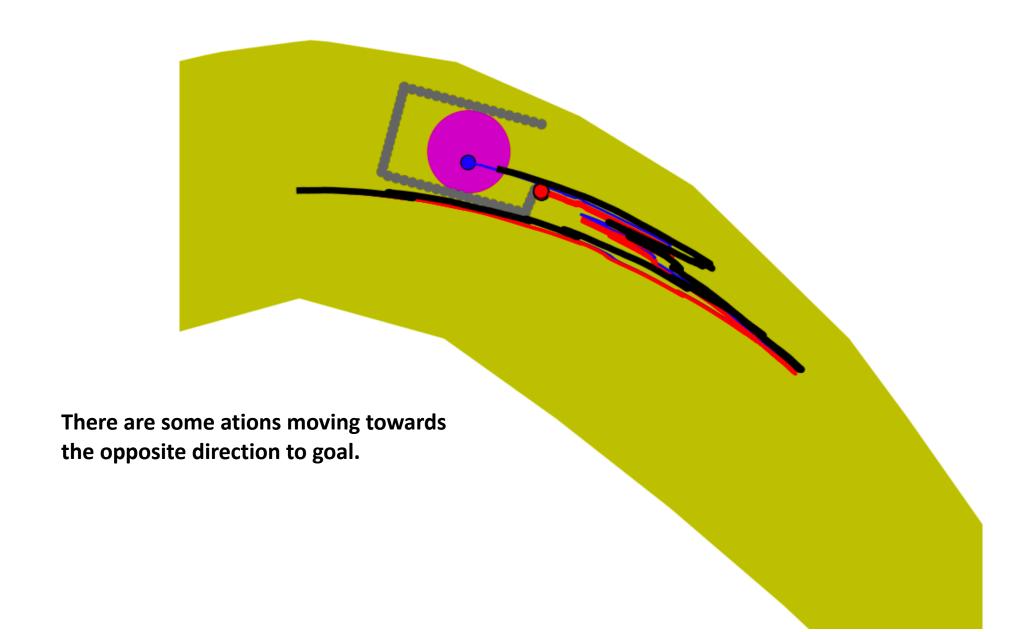


Horsehoe Case



No results yet, after couple of hours planning! Need to adjust planner heuristic/cost function! (In Progress)

Horsehoe Case: Avishai's Planner



Discussions: To accelerate

- Reduce number of same actions in one big step
- Delete dist_sofar
- Delete/Adjust weight of "towards opposite direction" penalty
- Adjust weight of "small action" penalty

Try Simpler Version First

