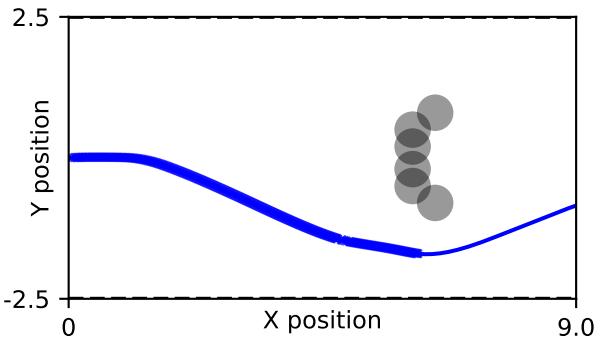
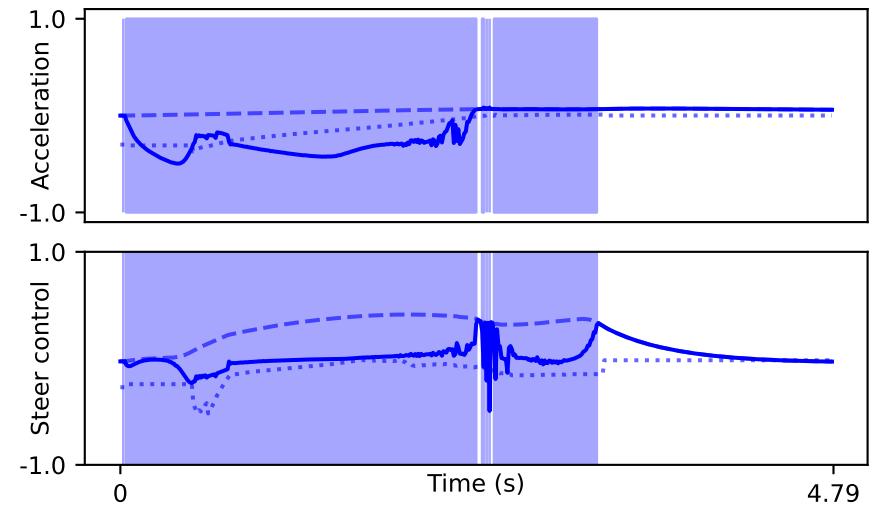


— CBFDDP-SM ✕ CBFDDP-SM filter



— CBFDDP-SM - - - CBFDDP-SM-SafeOpt
- - - CBFDDP-SM-Task



1.8

Value function

0 Time (s) 4.79

1.0

Safety filter process time (s)

0 Time (s) 4.79

0.8

0.6

0.4

0.2

0.0

-0.2

-0.4

-0.6

-0.8

-1.0

-1.2

-1.4

-1.6

-1.8

-2.0

-2.2

-2.4

-2.6

-2.8

-3.0

-3.2

-3.4

-3.6

-3.8

-4.0

-4.2

-4.4

-4.6

-4.8

-5.0

-5.2

-5.4

-5.6

-5.8

-6.0

-6.2

-6.4

-6.6

-6.8

-7.0

-7.2

-7.4

-7.6

-7.8

-8.0

-8.2

-8.4

-8.6

-8.8

-9.0

-9.2

-9.4

-9.6

-9.8

-10.0

-10.2

-10.4

-10.6

-10.8

-11.0

-11.2

-11.4

-11.6

-11.8

-12.0

-12.2

-12.4

-12.6

-12.8

-13.0

-13.2

-13.4

-13.6

-13.8

-14.0

-14.2

-14.4

-14.6

-14.8

-15.0

-15.2

-15.4

-15.6

-15.8

-16.0

-16.2

-16.4

-16.6

-16.8

-17.0

-17.2

-17.4

-17.6

-17.8

-18.0

-18.2

-18.4

-18.6

-18.8

-19.0

-19.2

-19.4

-19.6

-19.8

-20.0