

Assignments for Meeting on Apr. 6, 2021 (1/2)

- ▶ Read the article Berntorp, K., Bai, R., Erliksson, K. F., Danielson, C., Weiss, A., & Di Cairano, S., "Positive invariant sets for safe integrated vehicle motion planning and control", IEEE Transactions on Intelligent Vehicles, 5(1), 112–126, 2019. <https://doi.org/10.1109/TIV.2019.2955371>
- ▶ Read the paper Danielson, C., Berntorp, K., Di Cairano, S., & Weiss, A., "Motion-planning for unicycles using the invariant-set motion-planner", In: American Control Conference (ACC), pp. 1235–1240, 2020. <https://doi.org/10.23919/ACC45564.2020.9147919>
- ▶ Read the article Danielson, C., Berntorp, K., Weiss, A., & Di Cairano, S., "Robust Motion Planning for Uncertain Systems With Disturbances Using the Invariant-Set Motion Planner", IEEE Transactions on Automatic Control, 65(10), 4456–4463, 2020. <https://doi.org/10.1109/TAC.2020.3008126>

Assignments for Meeting on Apr. 6, 2021 (2/2)

- ▶ Based on the studied articles, prepare at least one discussion item regarding the content in the reading material for the next meeting.
- ▶ **Next meeting: Tuesday April 6, 2021, at 15:15 in Zoom.**
- ▶ Guest lecture by Karl Berntorp, Mitsubishi Electric Research Labs, Boston, MA.