

# Assignments for October 17

- ▶ Read Chapter 15 in LaValle, S. M., *Planning Algorithms*, Cambridge University Press, Cambridge, UK, 2006. The chapter covers various additional topics in motion planning and feedback control.
- ▶ Murray, R. M., and Sastry, S. S.: "Nonholonomic motion planning: Steering using sinusoids". *IEEE Trans. Automatic Control* 38:5 (1993), pp. 700–716.
- ▶ Lamiraud, F., and Laumond, J.-P.: "Flatness and small-time controllability of multibody mobile robots: Application to motion planning". *IEEE Trans. Automatic Control* 45:10 (2000), pp. 1878–1881.