

CSCI-4965/6963: Robot Motion Planning
Lecture 1: August 27, 2001
Introduction to Motion Planning

Today's Class

1. Overview of course and syllabus
2. The basic Motion Planning problem
3. Extensions to the basic motion planning problem
4. Applications of motion planning

Reading

Chapter 1, Latombe.

References

- [1] D. Halperin, L. Kavraki, and J.-C. Latombe. Robot algorithms. In M. J. Atallah, editor, *Algorithms and Theory of Computation Handbook*, pages 21–1–21–21. CRC Press, Boca Raton, Florida, 1999.

Next Class

Geometric transformations and configuration space representations.