

ENGR 4421: Robotics II

Simultaneous Mapping And Localization

04/05/2022



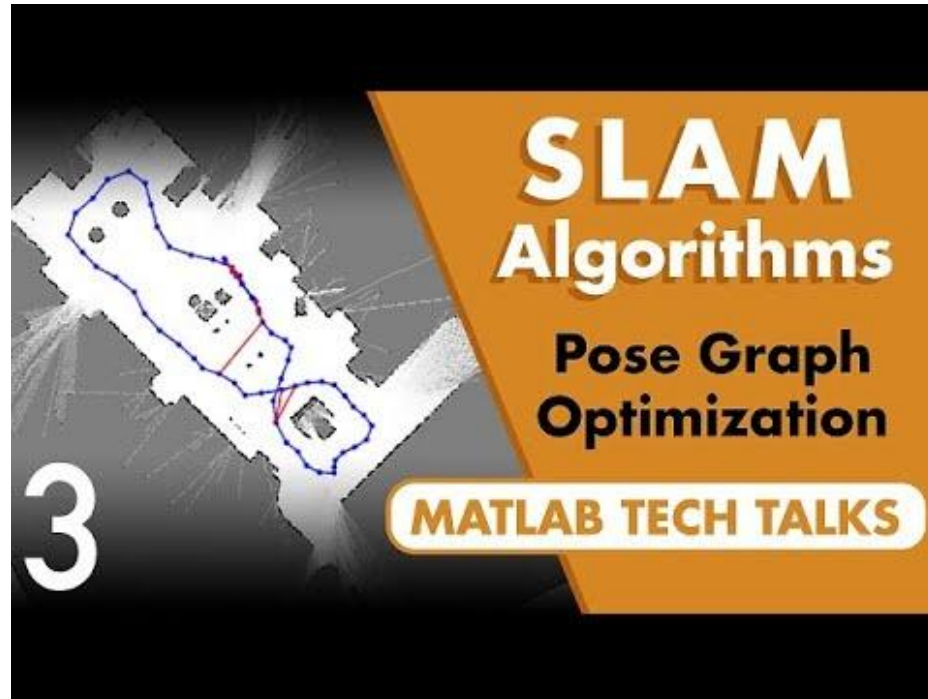
Outline

- Pose Graph Optimization
- Adaptive Monte Carlo Localization (AMCL)

Navigation Tutorials

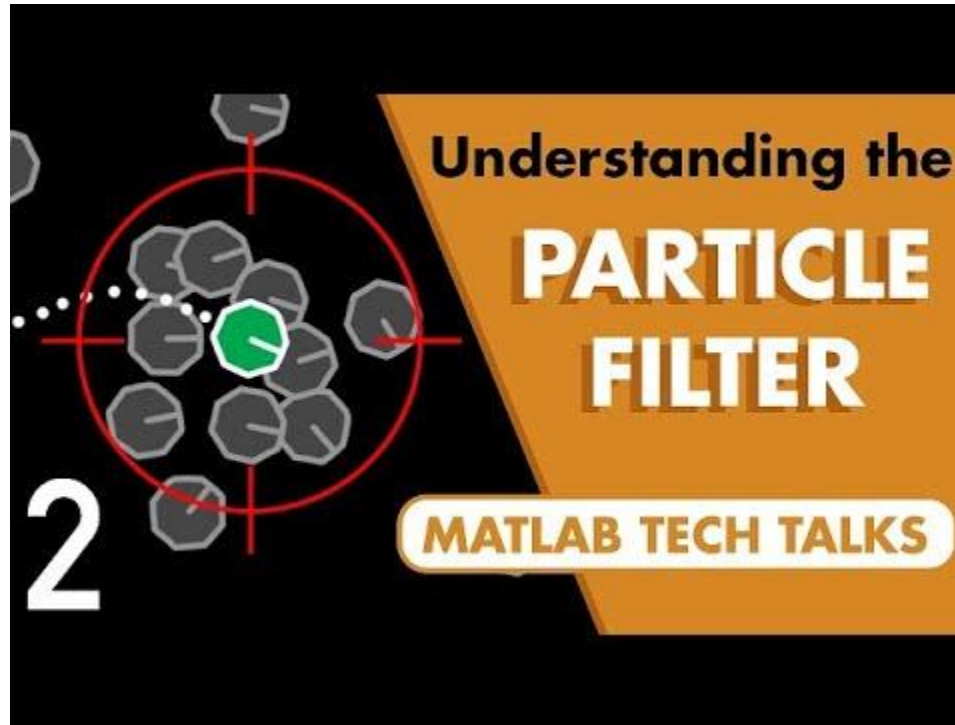
https://navigation.ros.org/setup_guides/index.html

Pose Graph Optimization



<https://youtu.be/saVZtgPyyJQ>

Adaptive Monte Carlo Localization



https://youtu.be/NrzmH_yerBU