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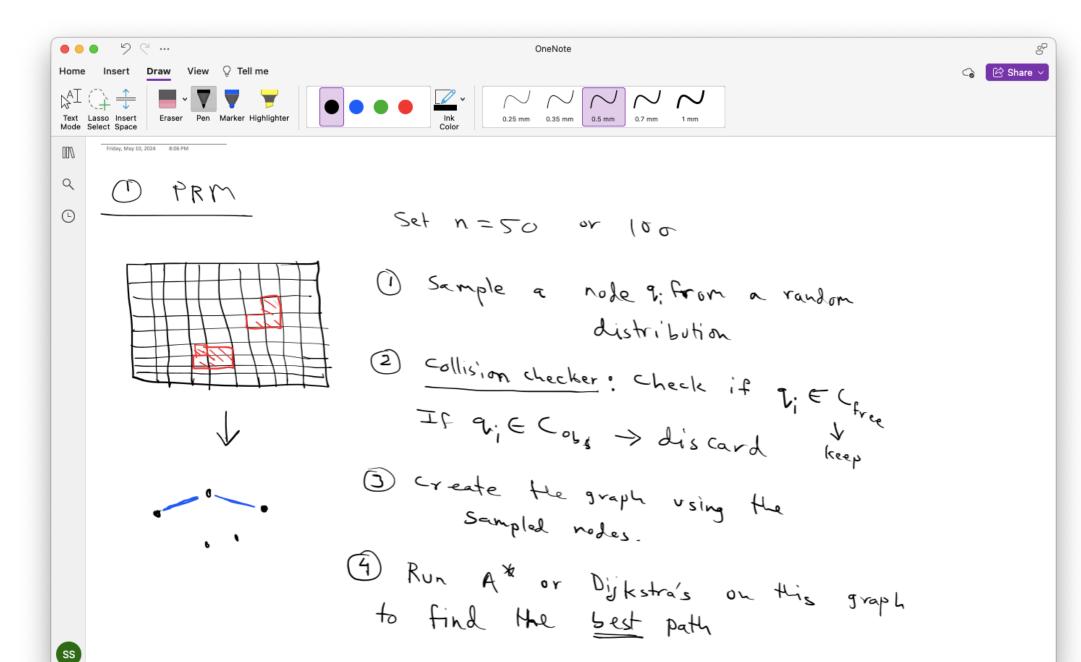
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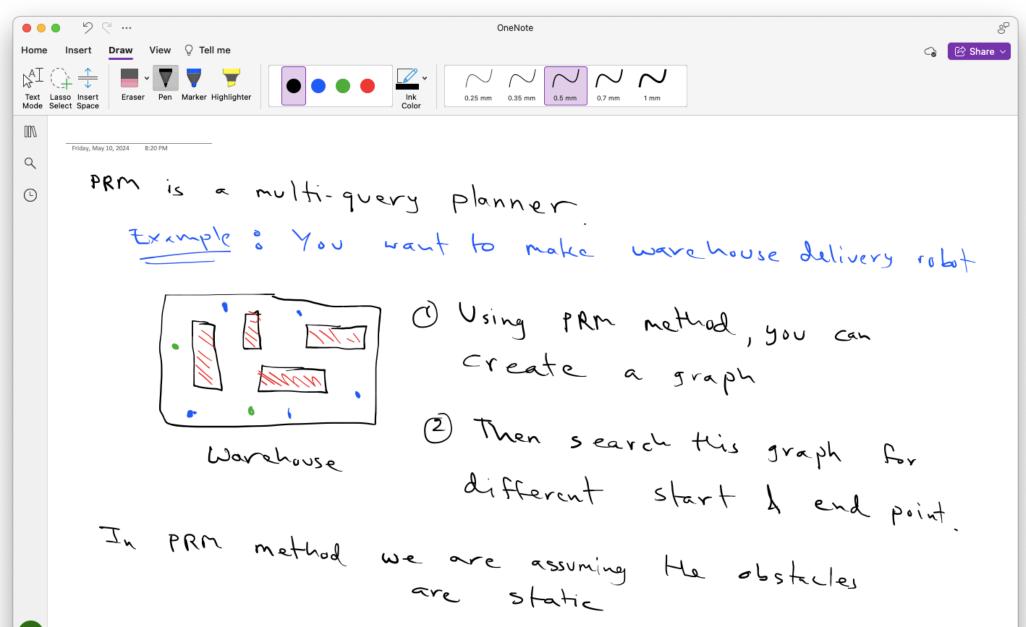
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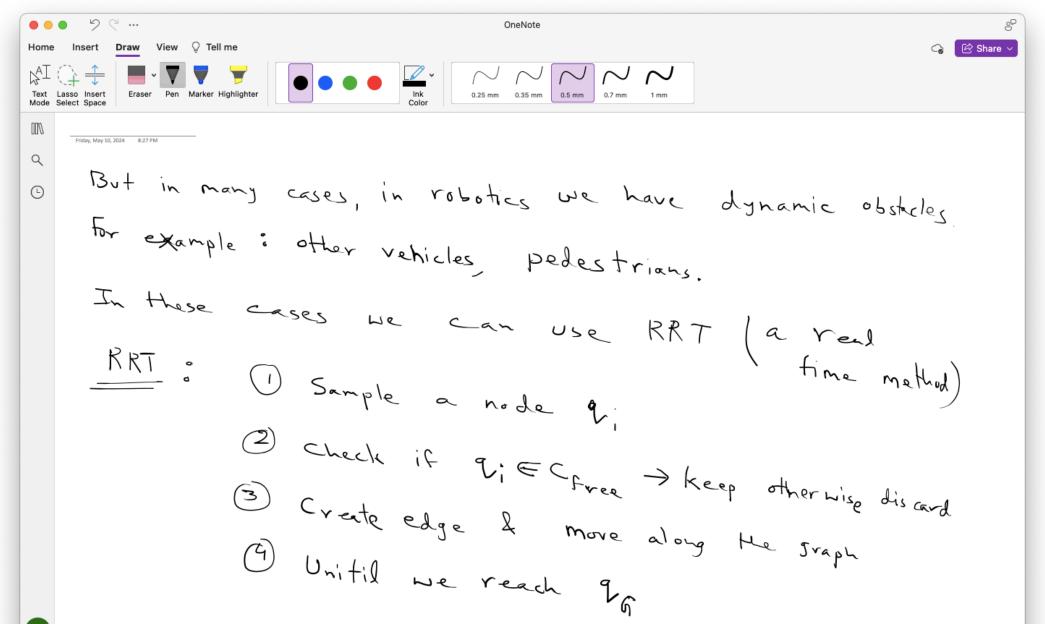
Sampling based notion planning

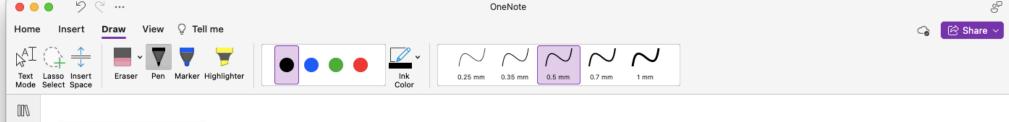
Instead of creating an exhaustive graph of the Cfree space, we will sample randomly a number of nodes & create the graph from those nodes.

- 1 Probabilistic Road Map (PRM)
- 2) Rapisly Exploring Random Trees (RRT)









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PRM

- 1 Graph is created apriori
- (2) In PRM, we use A method which gives you the best path for the graph

RRT

- 1) Graph is created in real time as we more along the graph
- P RRT might give you Very bed solutions.