

## Project Midterm

# Trajectory Generation and Following with Position Correction

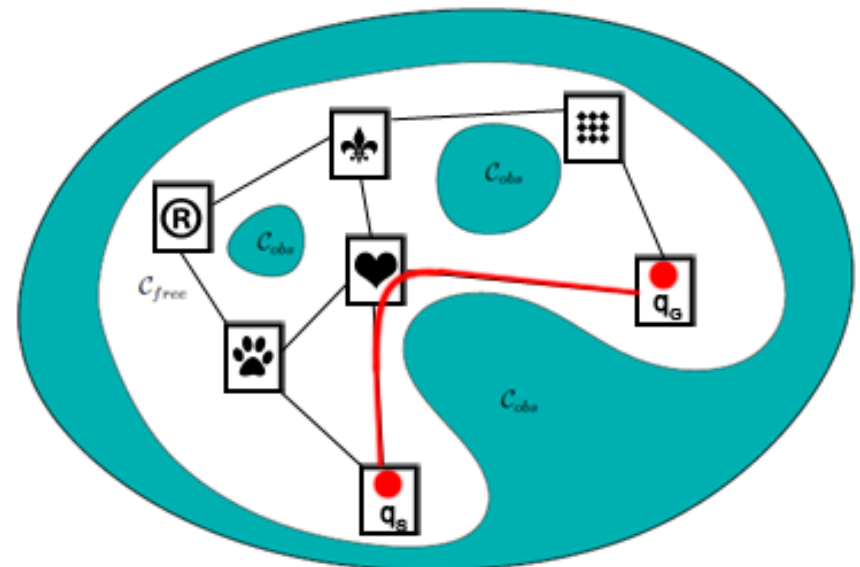
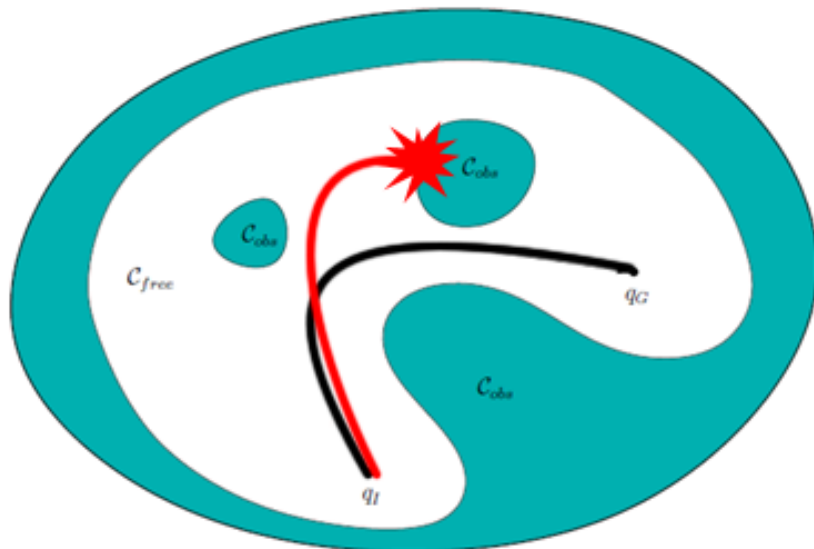
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# Project Proposal

- Given a graph  $\mathbf{G}=(\mathbf{V},\mathbf{E})$ , where  $\mathbf{V}$  is the **set of markers** connected via edges  $\mathbf{E}$  **generate** a feasible **trajectory** from a given **start point** to an **end point**



## Status

# Demonstration

## What's next

### 1. Test and configure trajectory control

- Adjust gains
- Evaluate WIFI delay

### 2. Merge trajectory control with landmark detection

- Retrieve waypoints according to marker position
- Plan path on graph

### 3. Allow interactive selection of target position with autonomous planning