sim_bidirectional_rrt

October 5, 2020

1 Bidirectional Sampling-Based Motion Planning

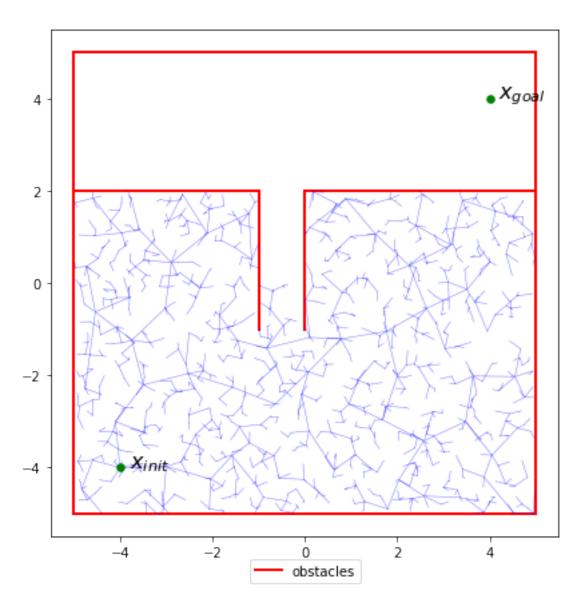
1.0.1 Set up workspace

1.1 Normal RRT

On this "bugtrap" problem, normal RRT often will fail to find a find a path.

1.1.1 Geometric planning

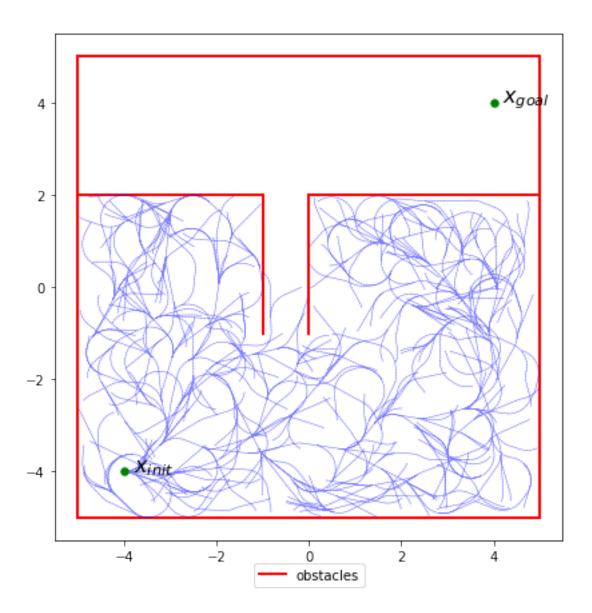
Out[30]: False



1.1.2 Dubins car planning

Solution not found!

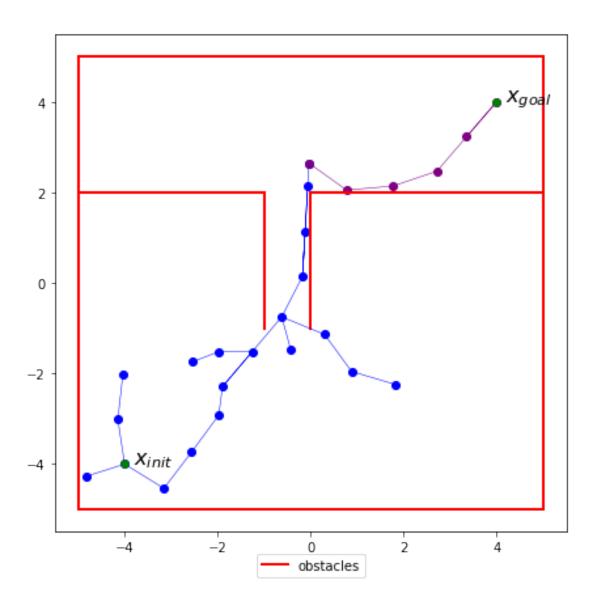
Out[29]: False



1.2 RRTConnect

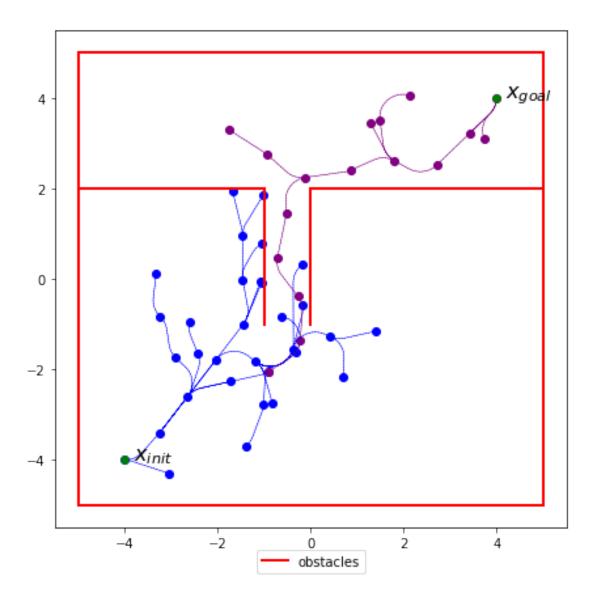
1.2.1 Geometric planning

found: True
outofmem: False



1.2.2 Dubins car planning

found: True
outofmem: False



In []: