HW3

Autonomous Navigation and Perception

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Now we will show the result for Q 1+2 with $N_{nodes} \in \{100,500\}$ and $th_d \in \{20,50\}$.

We will show the shortest path for all the combination when using "Astar" algorithm.

Treshhold=20 Number of nodes=100
The number of edges is: 404.0
The average node degree is: 4.04

Treshhold=20 Number of nodes=500
The number of edges is: 10827.0
The average node degree is: 21.654

Treshhold=50 Number of nodes=100
The number of edges is: 1307.0
The average node degree is: 13.07

Treshhold=50 Number of nodes=500
The number of edges is: 27887.0
The average node degree is: 55.774