







Bidirectional Dijkstra

A-star Algorithm (A*)

-  **Video:** A* Algorithm
11 min
-  **Video:** Performance of A*
2 min
-  **Video:** Bidirectional A*
6 min
-  **Video:** Potential Functions and Lower Bounds
5 min
-  **Video:** Landmarks (Optional)
10 min
-  **Reading:** Slides and External References
10 min


Contraction Hierarchies


Programming Project



Slides and External References

Download the slides here:

 **19_advanced_shortest_paths_2_A_star.pdf**
PDF File



References

[A-star search algorithm.](#)

The [visualization](#) that we suggested in the previous lesson also shows A-star algorithm.

Mark as completed

