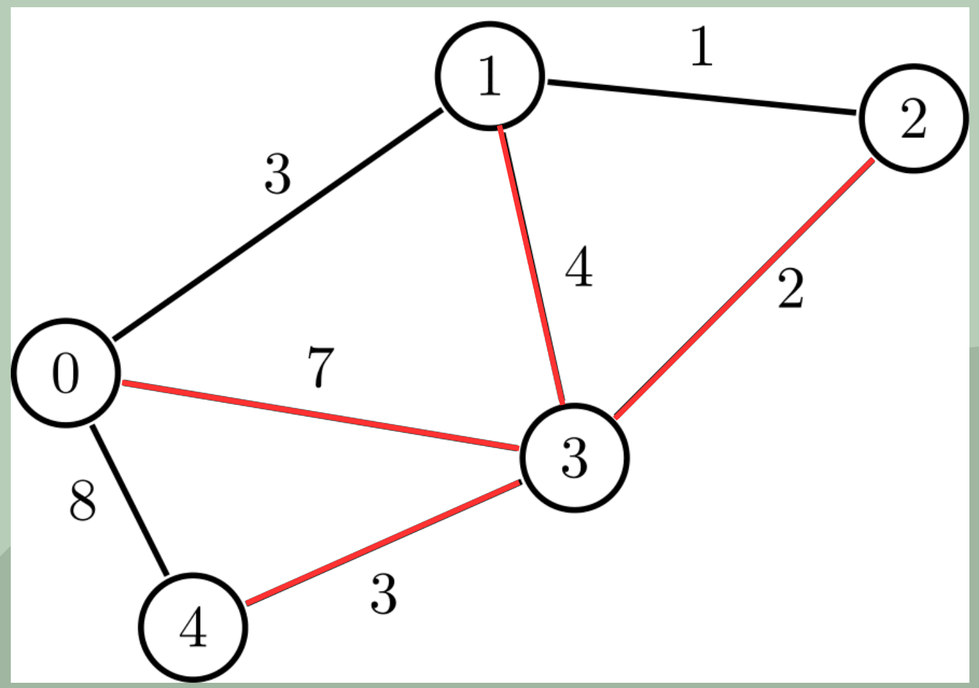
Longest Path

Jacob Susko and Zach Kiser

Approximate Solution

Approximate

Select locally optimal solution at each step (7 in this case)



How does it work?

A greedy algorithm that selects an initial node and iterates through all neighbors, selecting the highest edge weight at each step

When is an approximation not optimal?

Briefly elaborate on what you want to discuss.

Runtime and Approximation Ratio

The runtime is O(E), where E is the number of edges in the graph

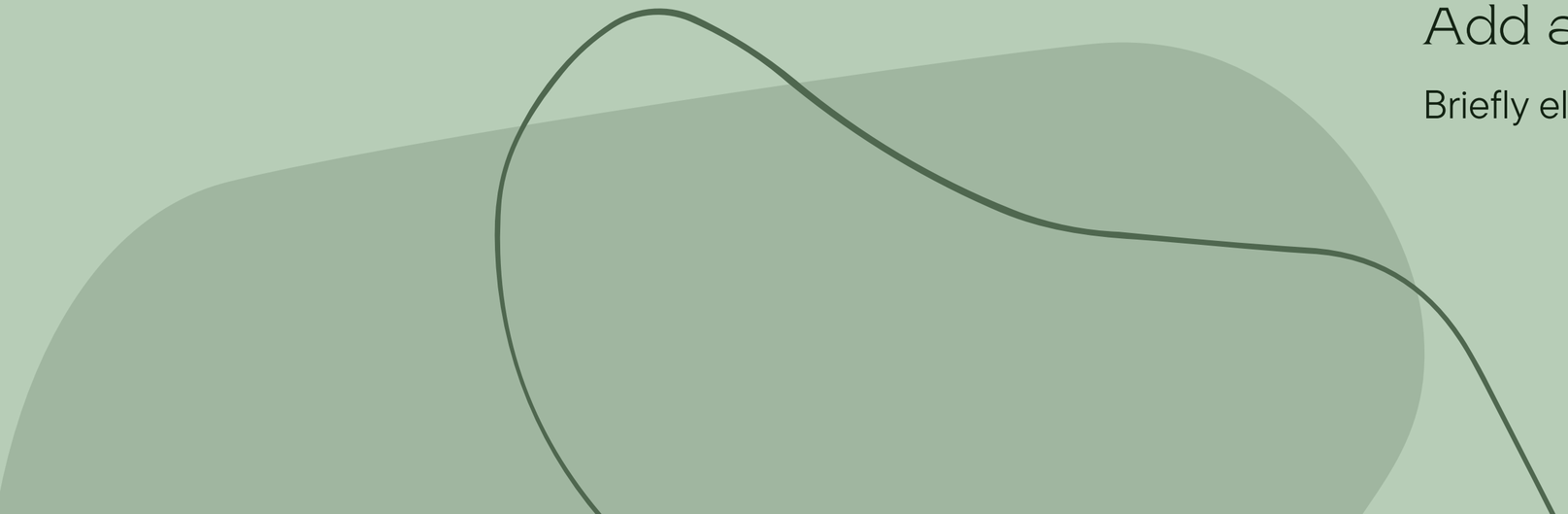
Exact Solution

Exact

How does it work?

Reduction

Why is Bellman-Ford not optimal?

Add a main point

Briefly elaborate on what you want to discuss.