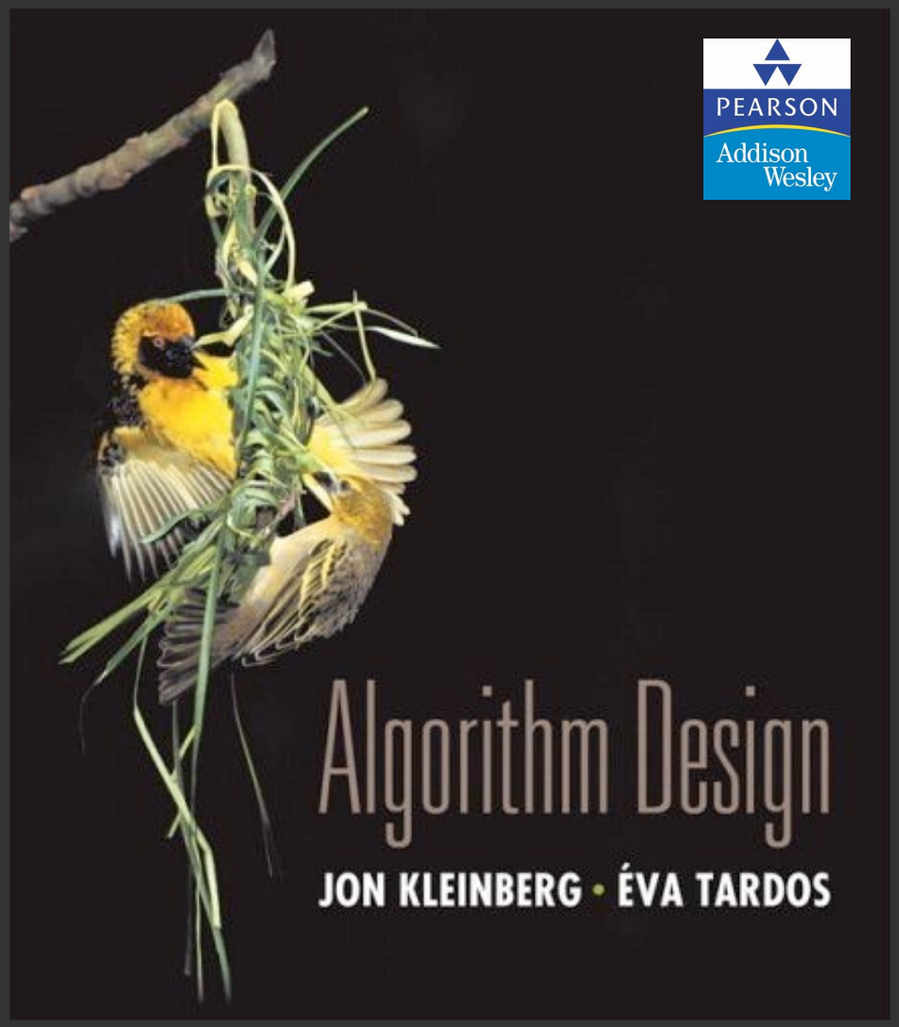


4. Greedy Algorithms II

- *Kruskal's algorithm demo*

Lecture slides by Kevin Wayne
Copyright © 2005 Pearson-Addison Wesley

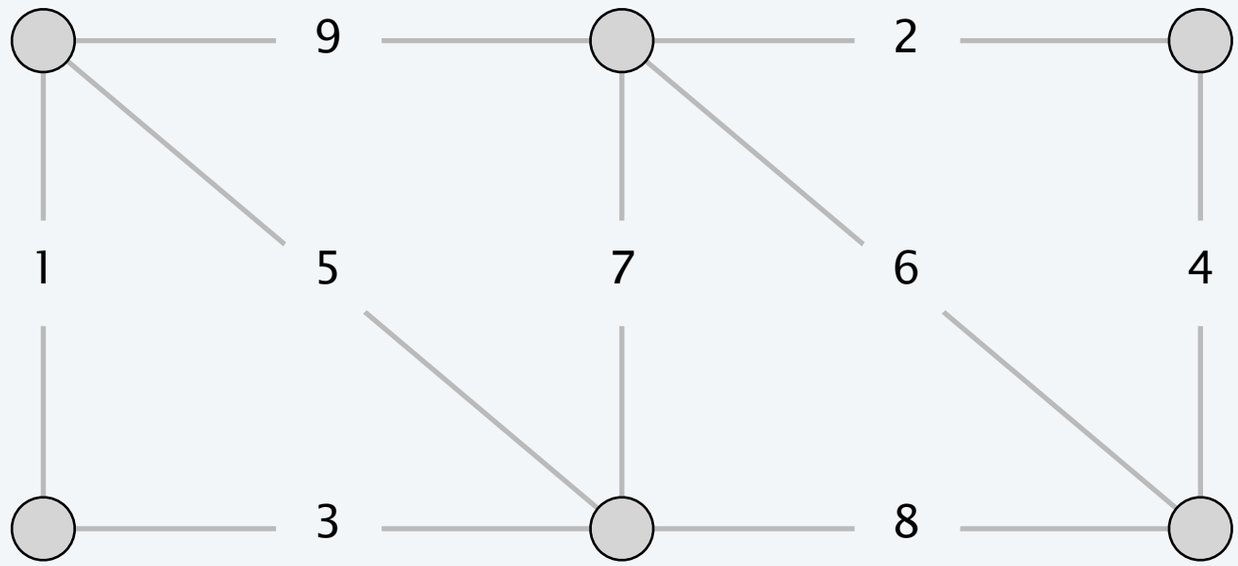
http://www.cs.princeton.edu/~wayne/kleinberg-tardos

Last updated on 7/25/17 10:58 AM

Kruskal's algorithm demo

Consider edges in ascending order of weight:

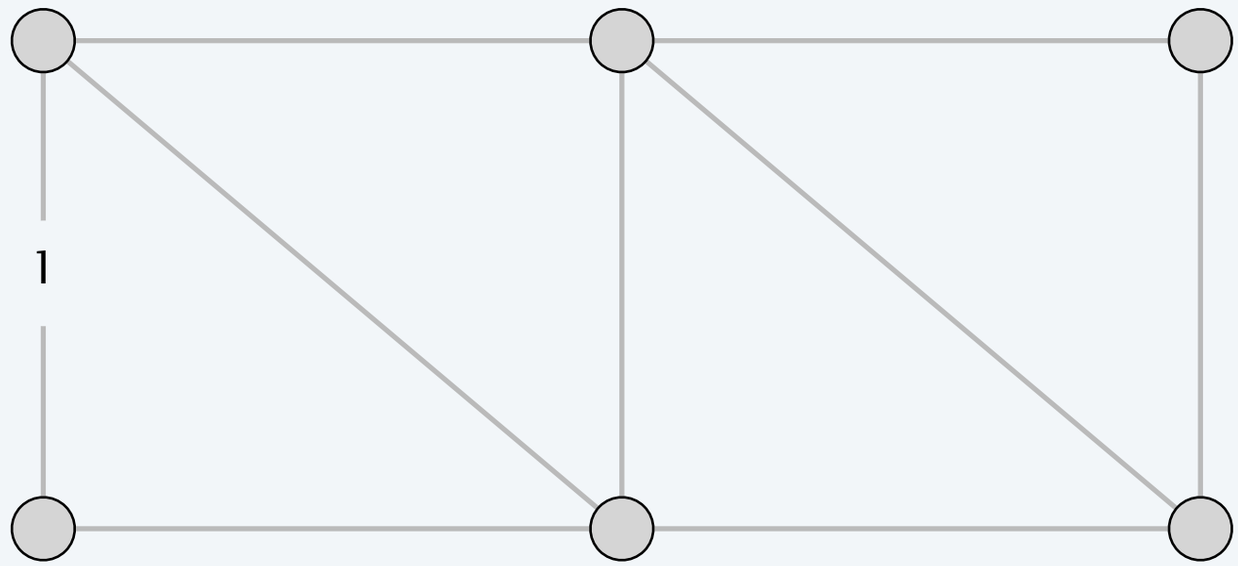
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

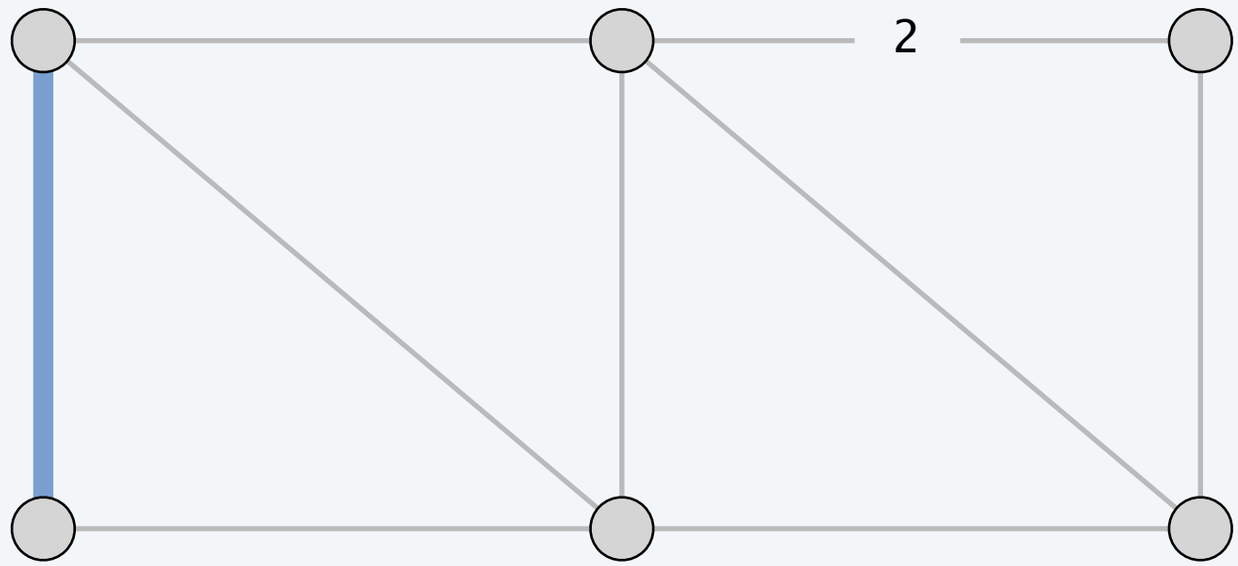
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

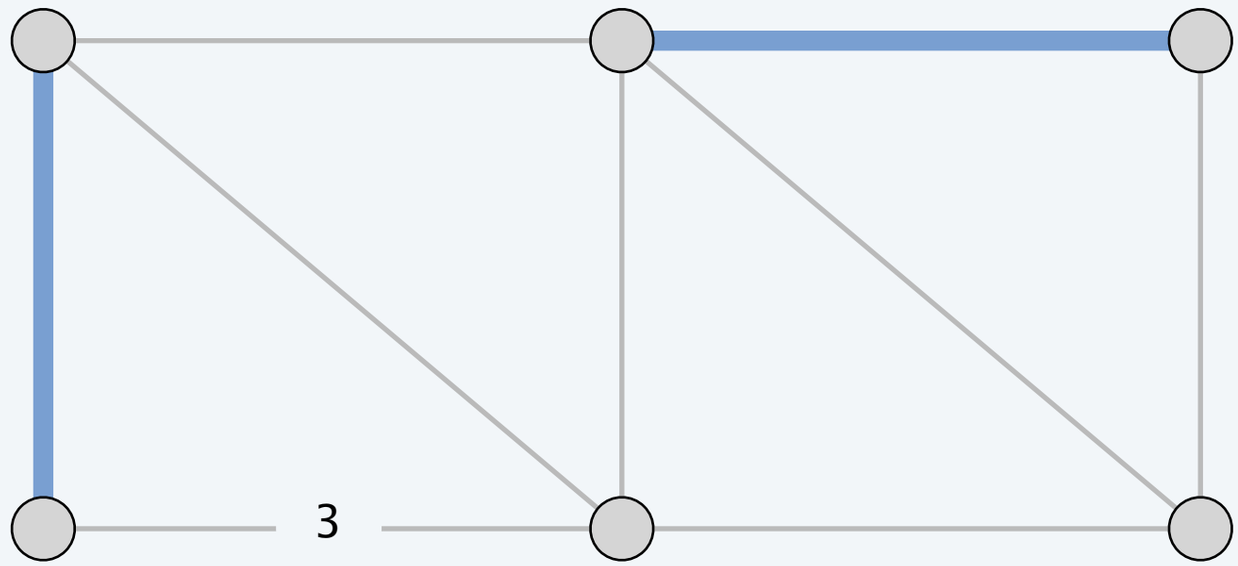
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

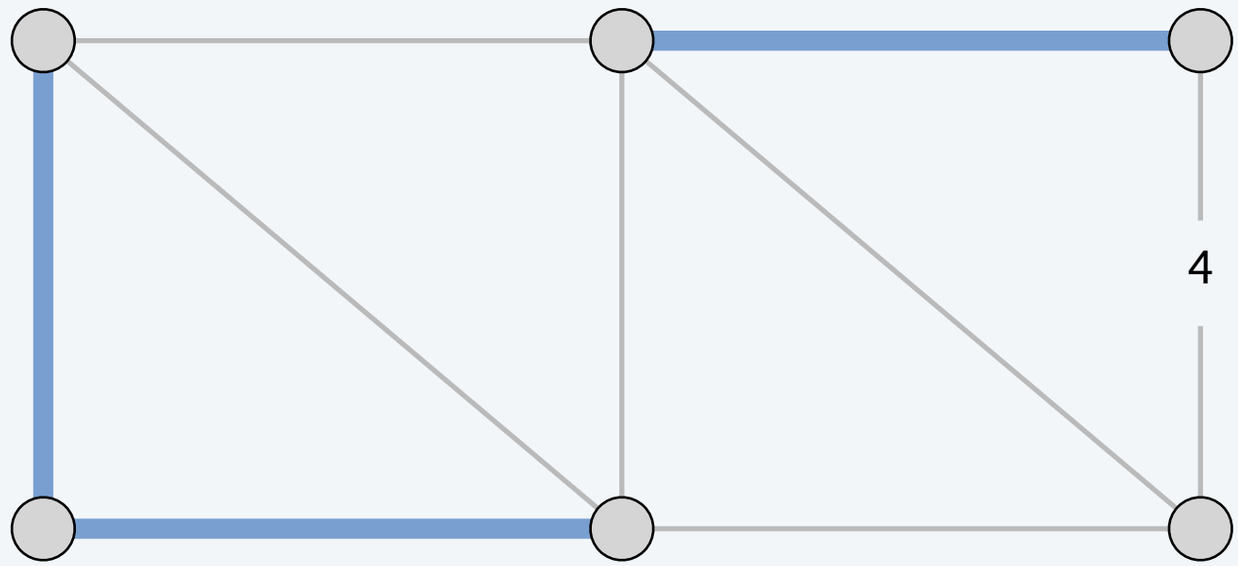
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

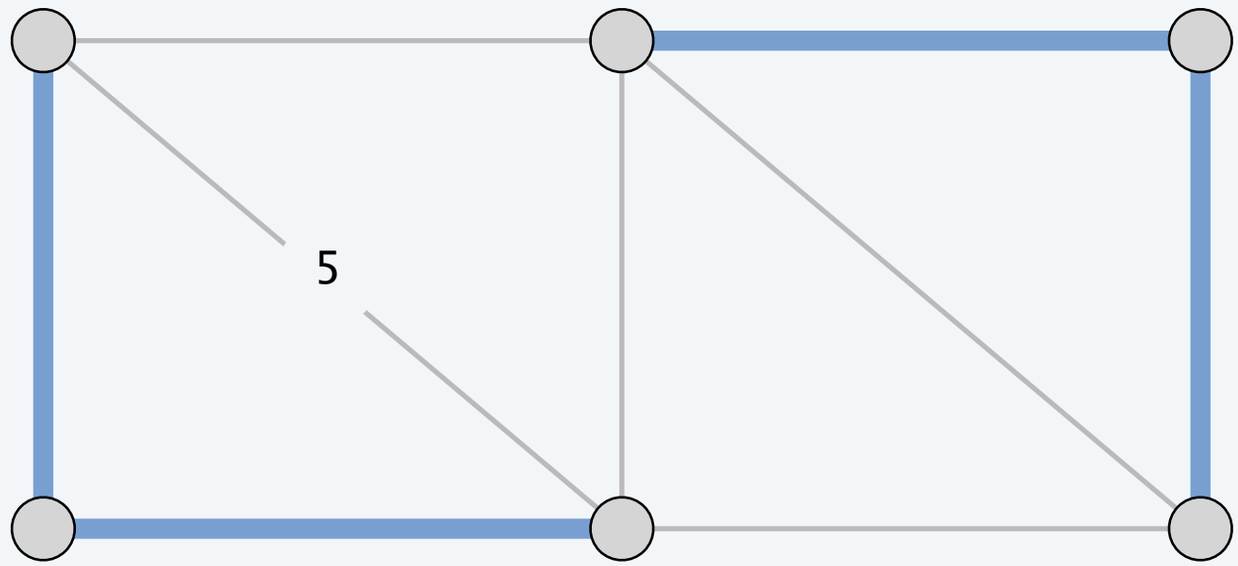
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

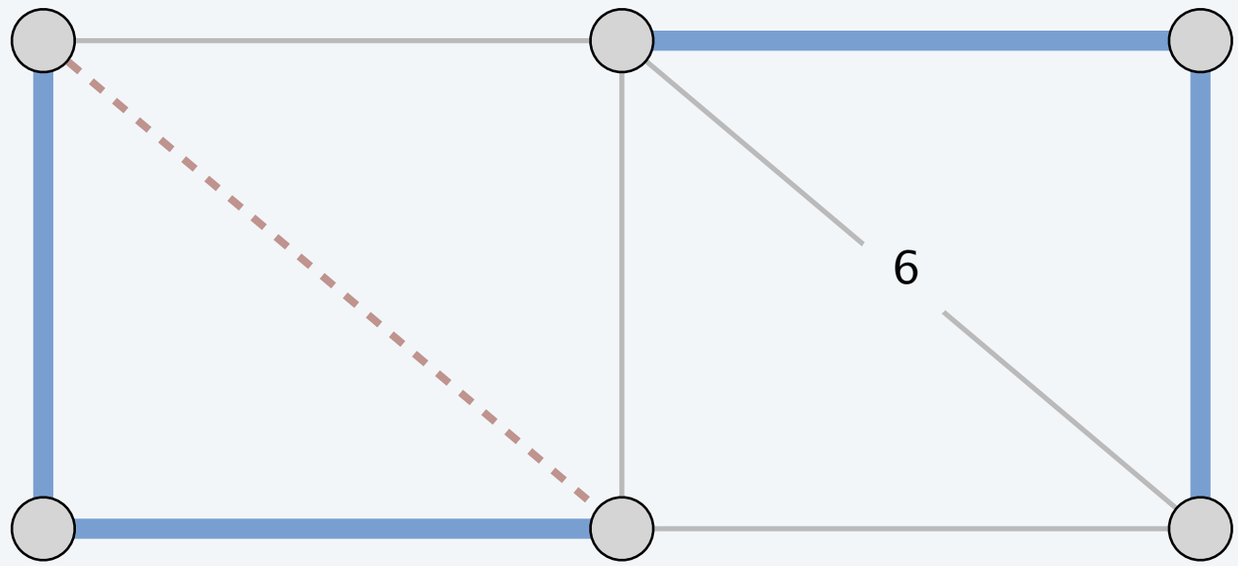
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

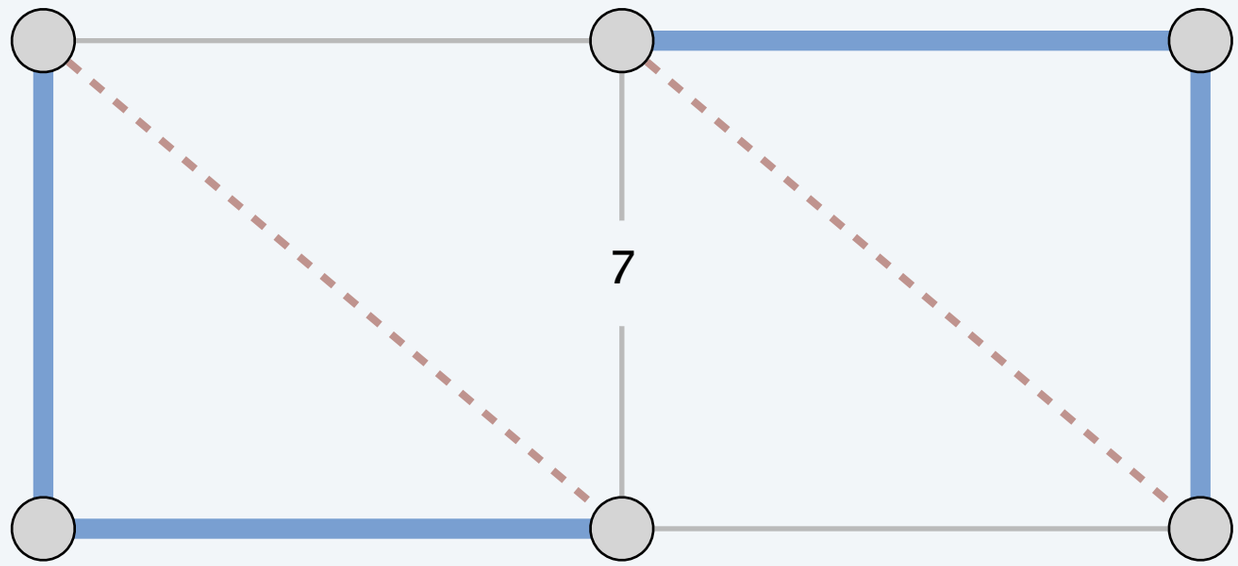
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

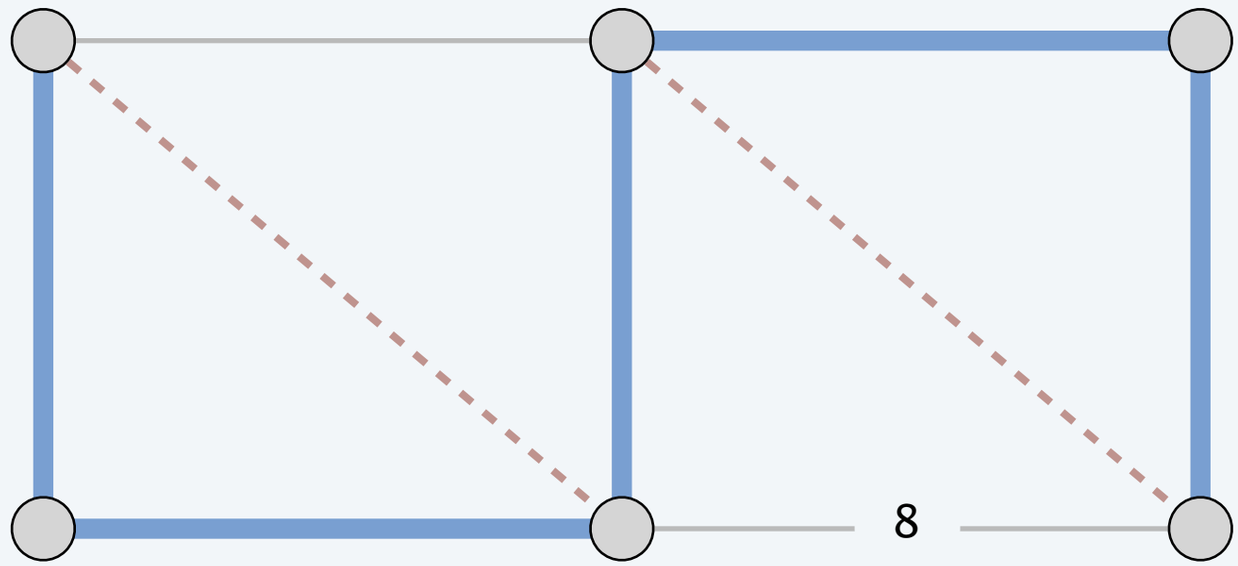
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

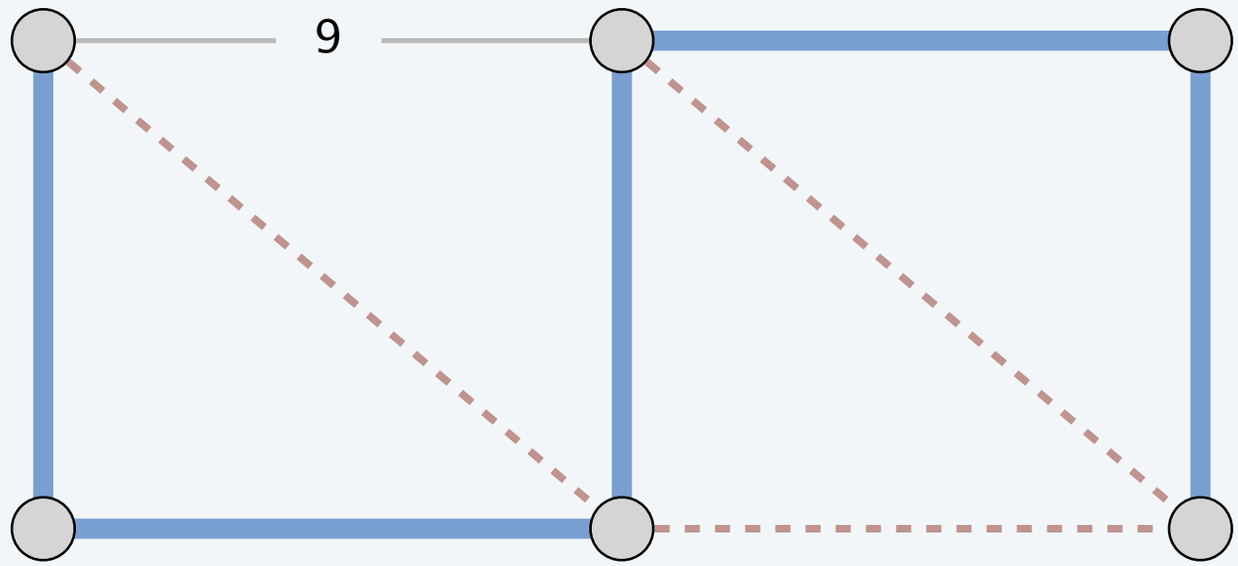
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

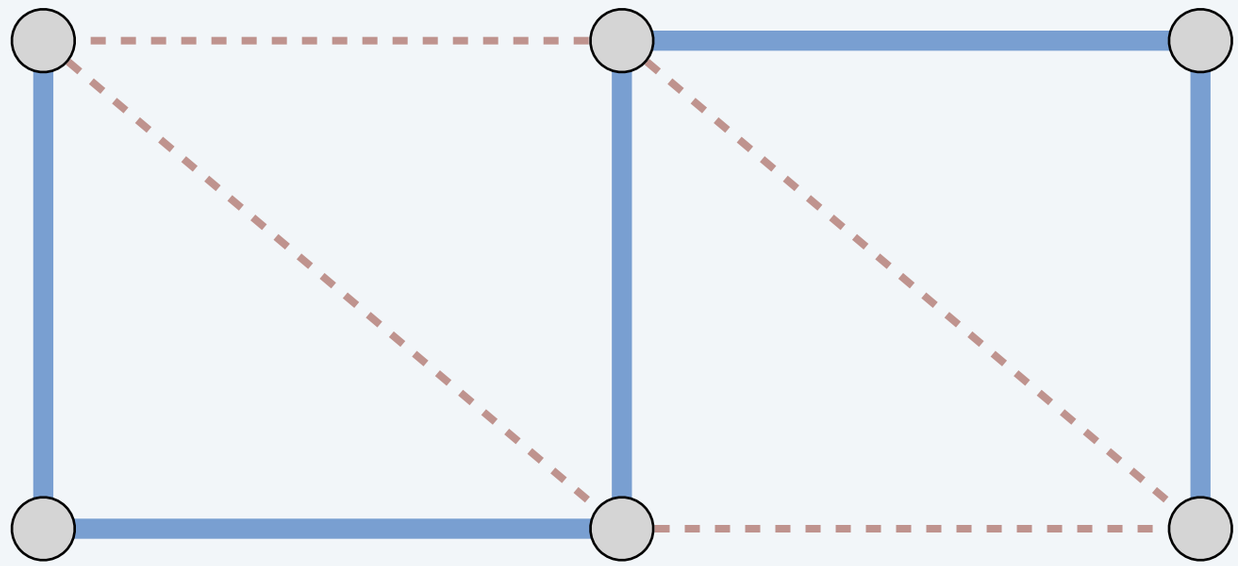
- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

- Add to T unless it would create a cycle.



Kruskal's algorithm demo

Consider edges in ascending order of weight:

- Add to T unless it would create a cycle.