

4. GREEDY ALGORITHMS (PART II)

- ▶ *Boruvka's algorithm demo*

Lecture slides by Kevin Wayne

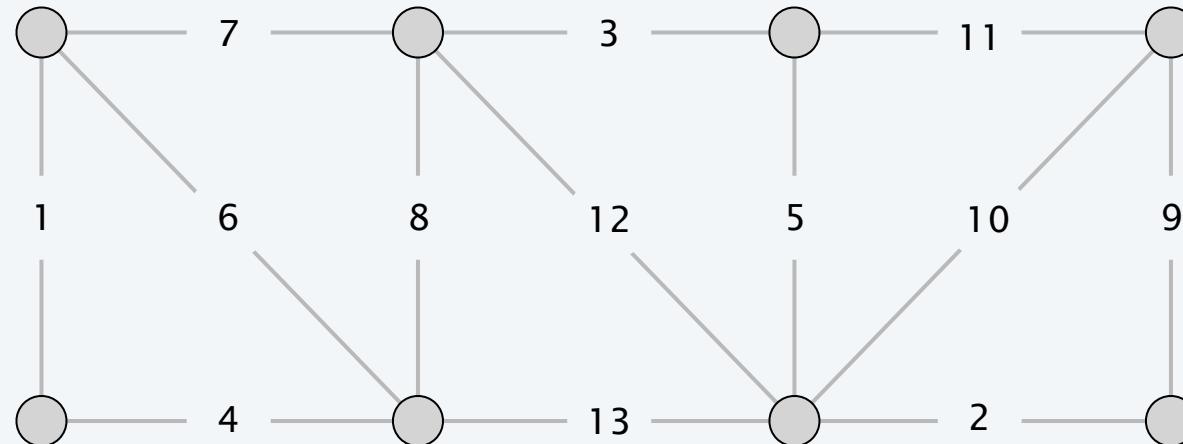
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<http://www.cs.princeton.edu/~wayne/kleinberg-tardos>

Borůvka's algorithm demo

Repeat until only one tree.

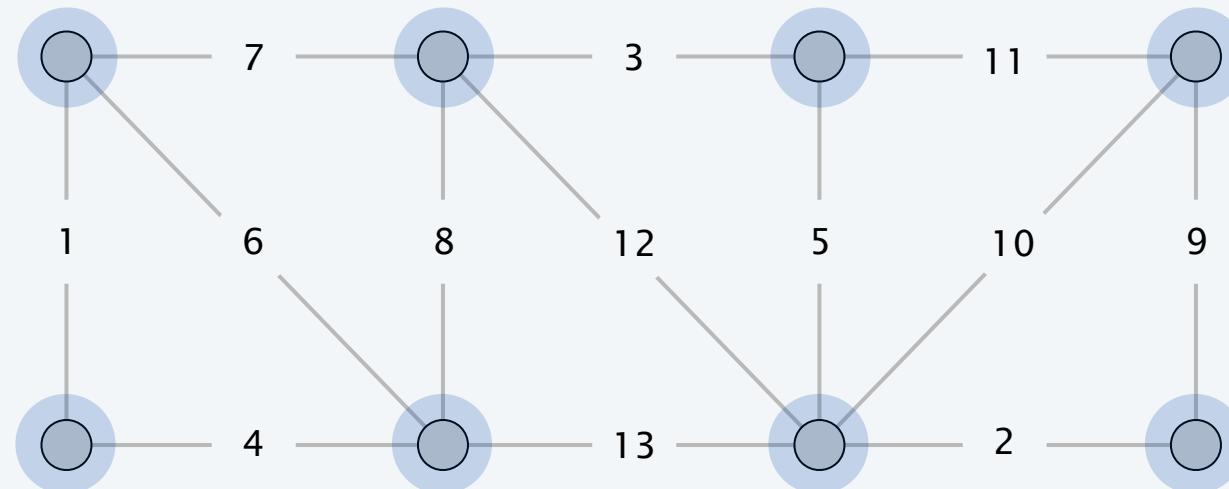
- Apply blue rule to cutset corresponding to each blue tree.
- Color all selected arcs blue.



Borůvka's algorithm demo

Repeat until only one tree.

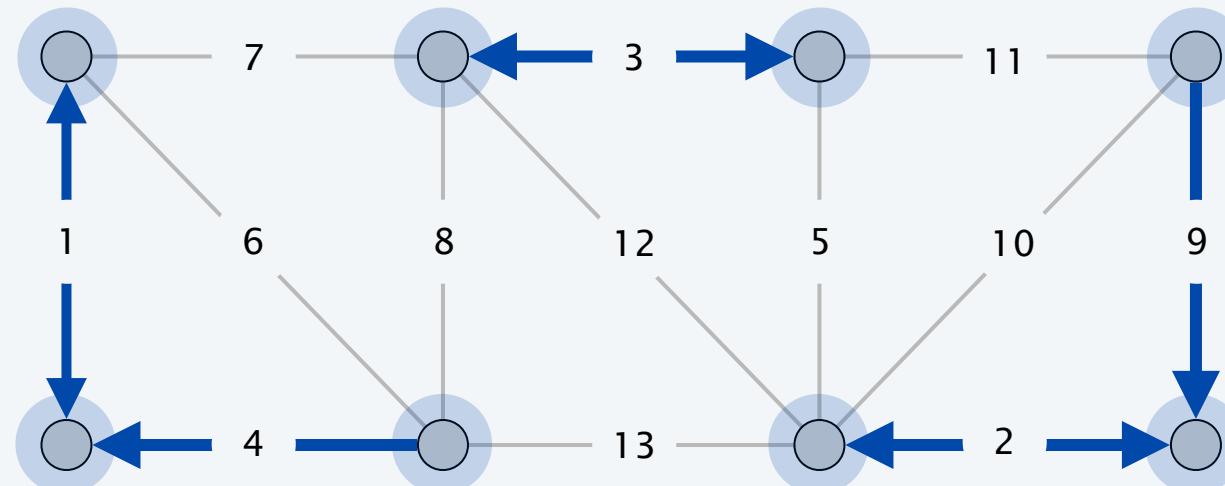
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Borůvka's algorithm demo

Repeat until only one tree.

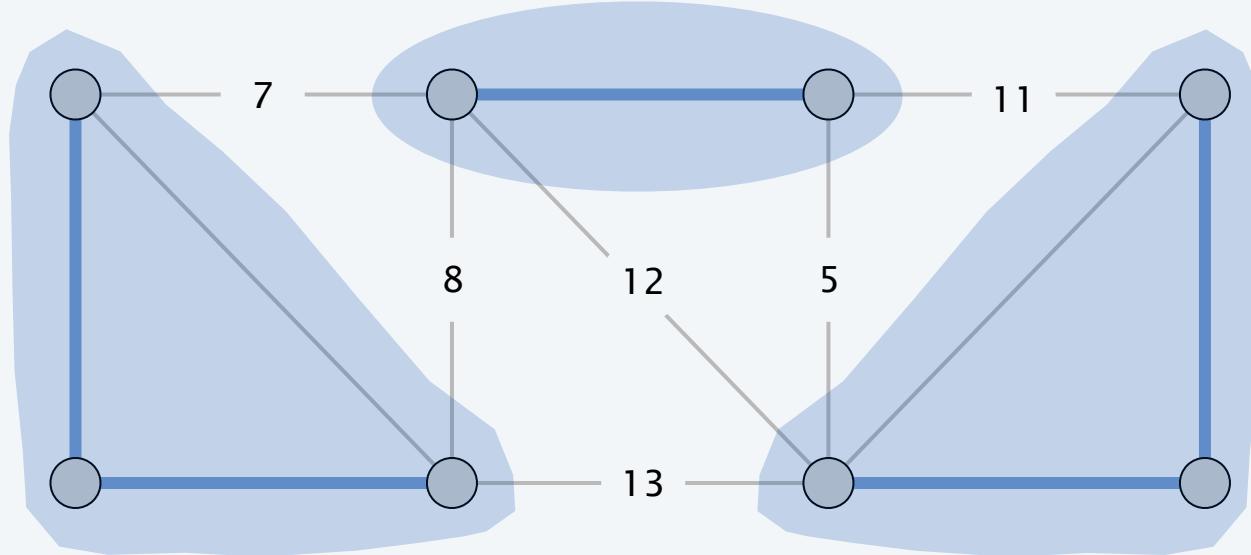
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Borůvka's algorithm demo

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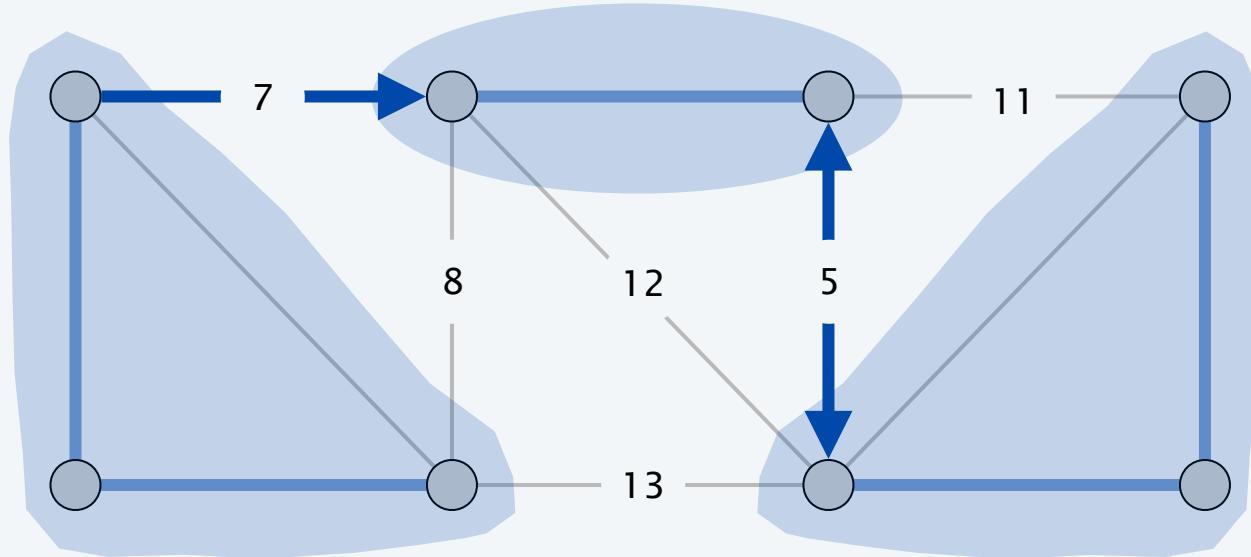
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Borůvka's algorithm demo

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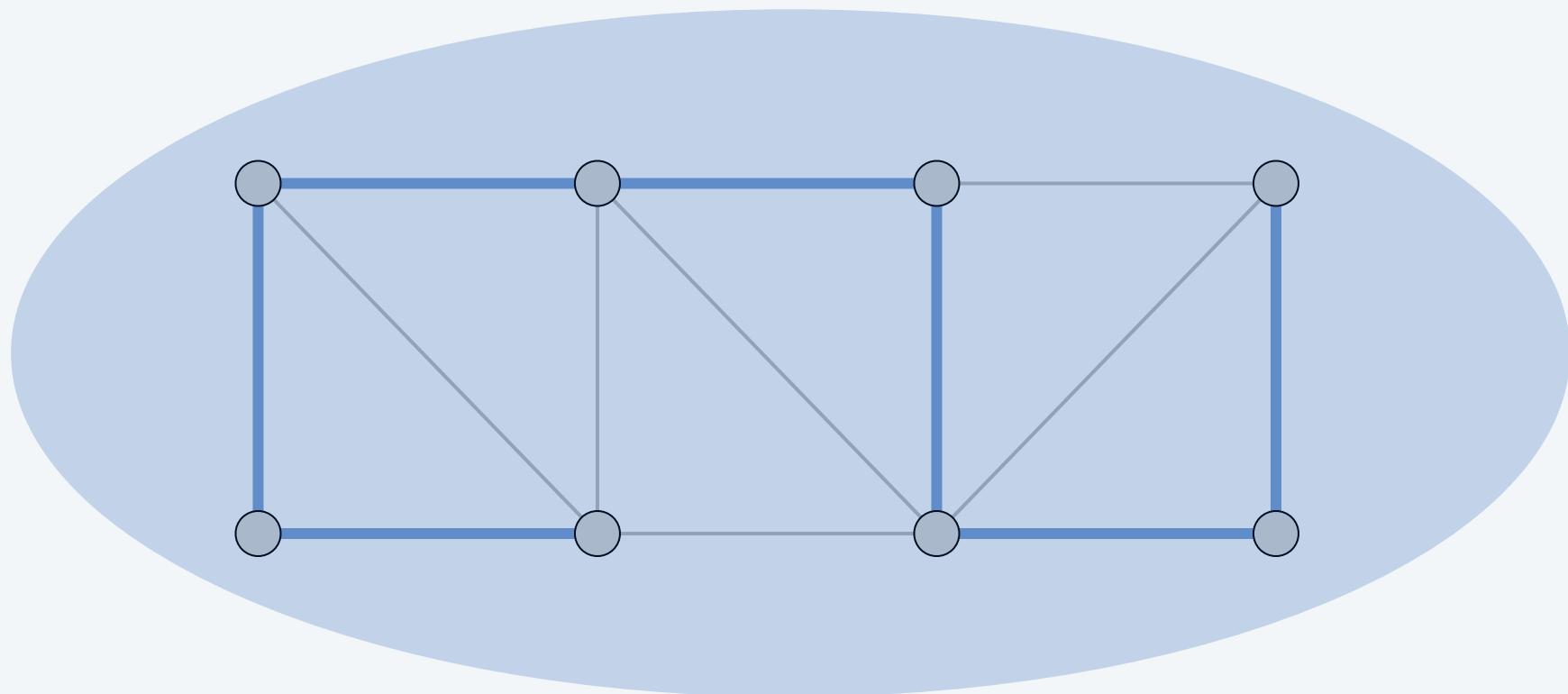
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