

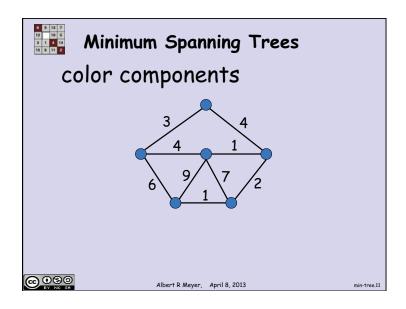


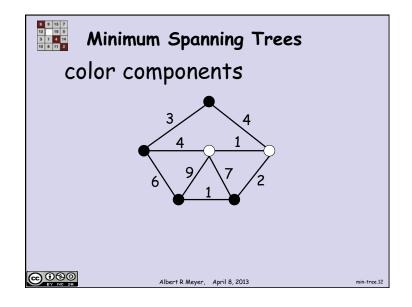
Build MST using gray edges

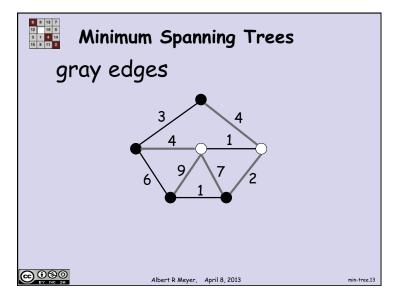
- Start with vertices
- Color components black & white
- gray edge ::= ○
- add min weight gray edge

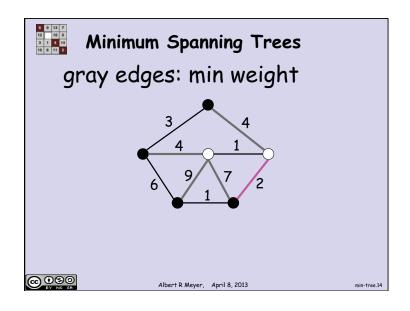
<u>@0</u>90

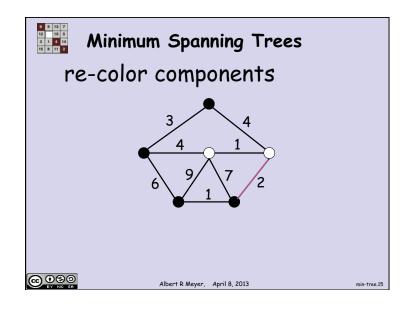
Albert R Meyer, April 8, 2013

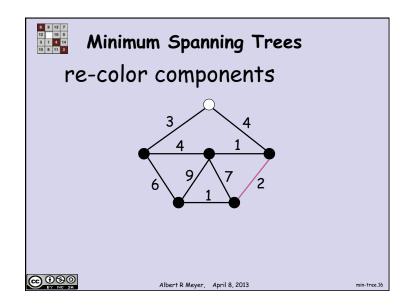


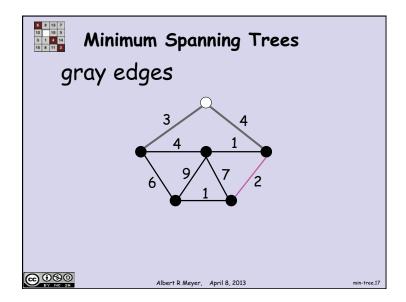


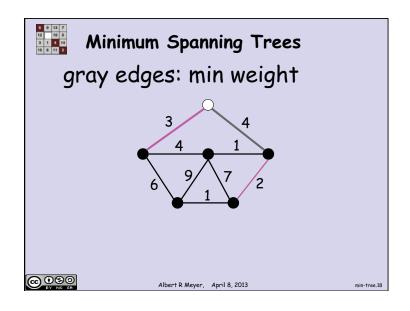


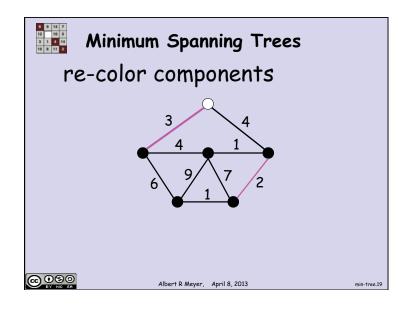


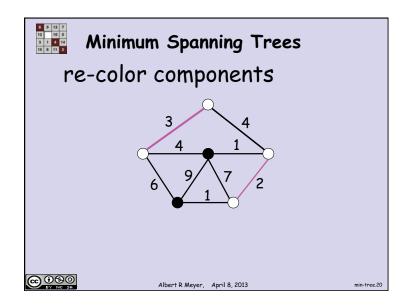


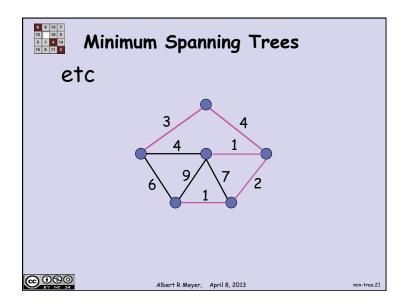














Ways to grow an MST

- start at any vertex, keep building one tree. (Prim)
- keep choosing min weight edge between diff components (Kruskal)
- grow trees in parallel (Meyer)



Albert R Meyer, April 8, 2013

min-tree.2

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