Spanning Trees and Kruskal's Algorithm

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WESTERN CONNECTICUT STATE UNIVERSITY
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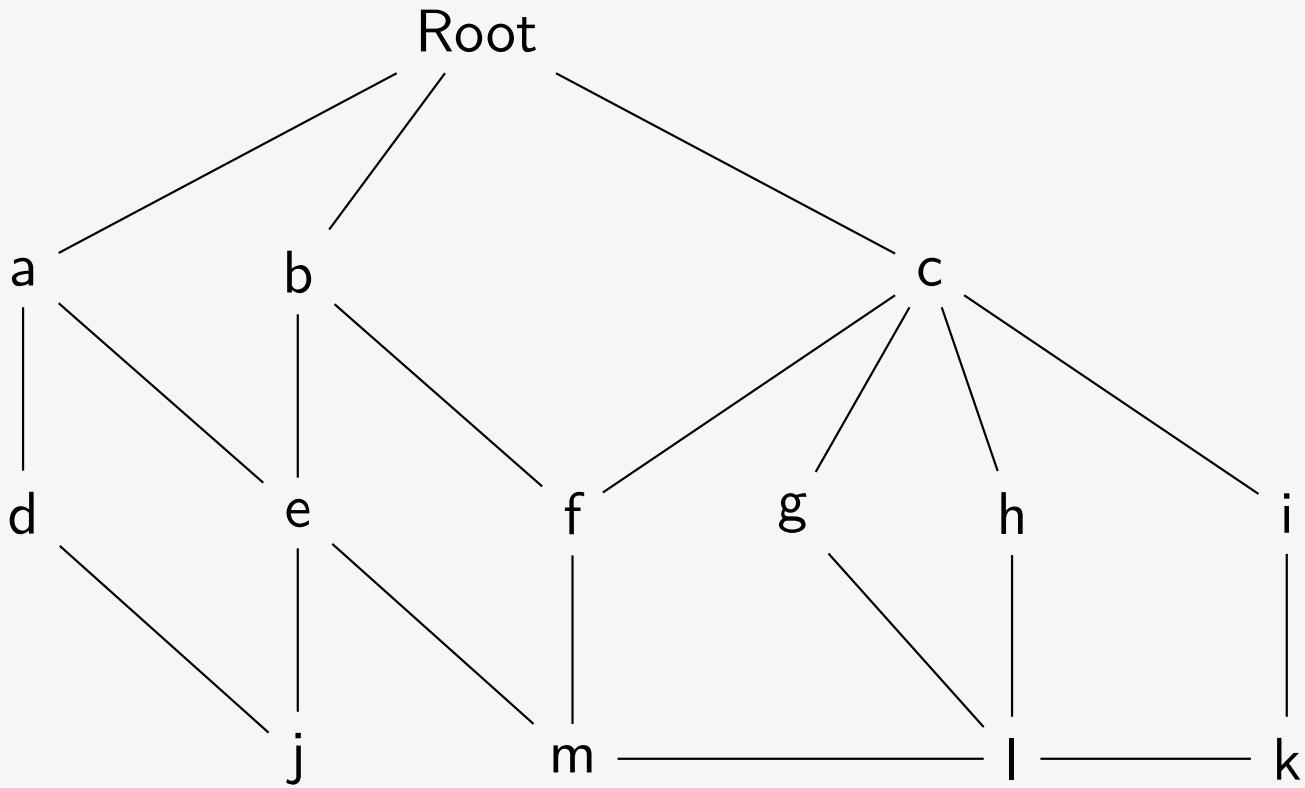

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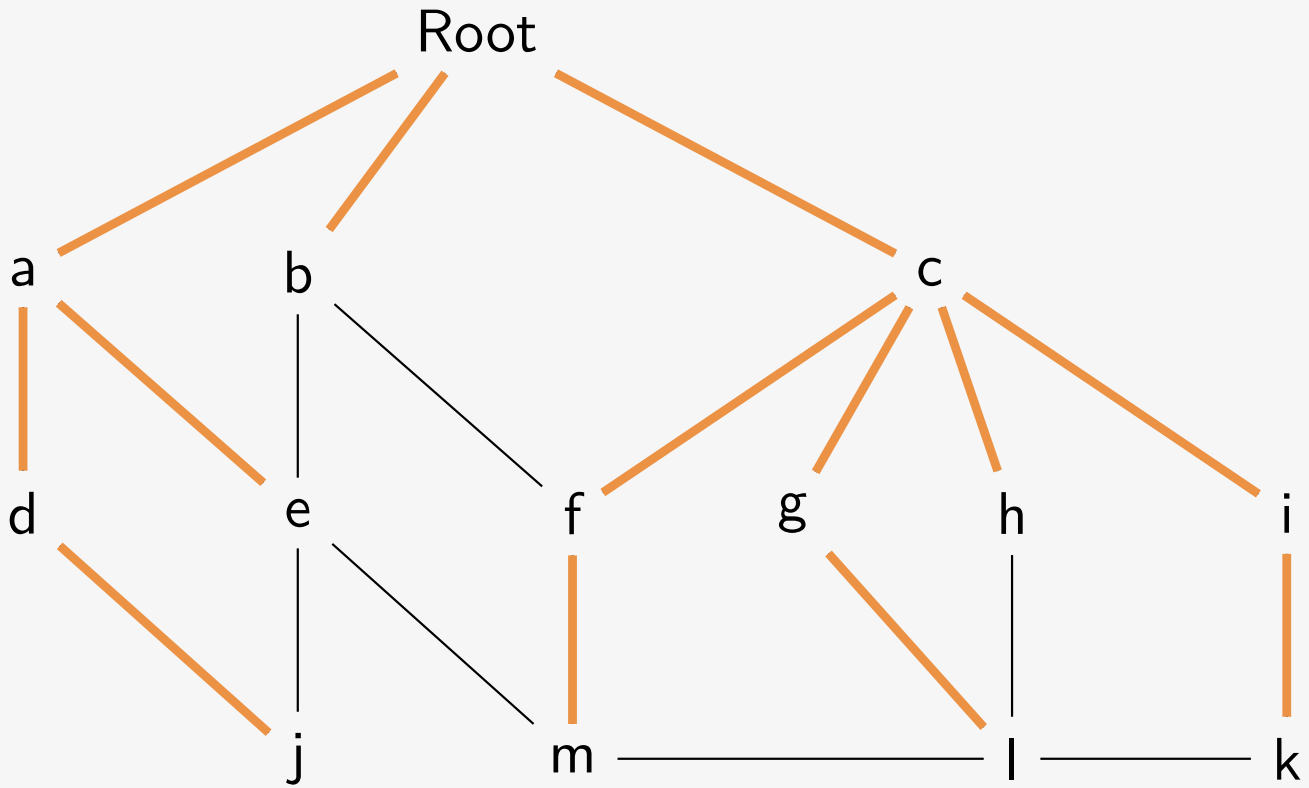

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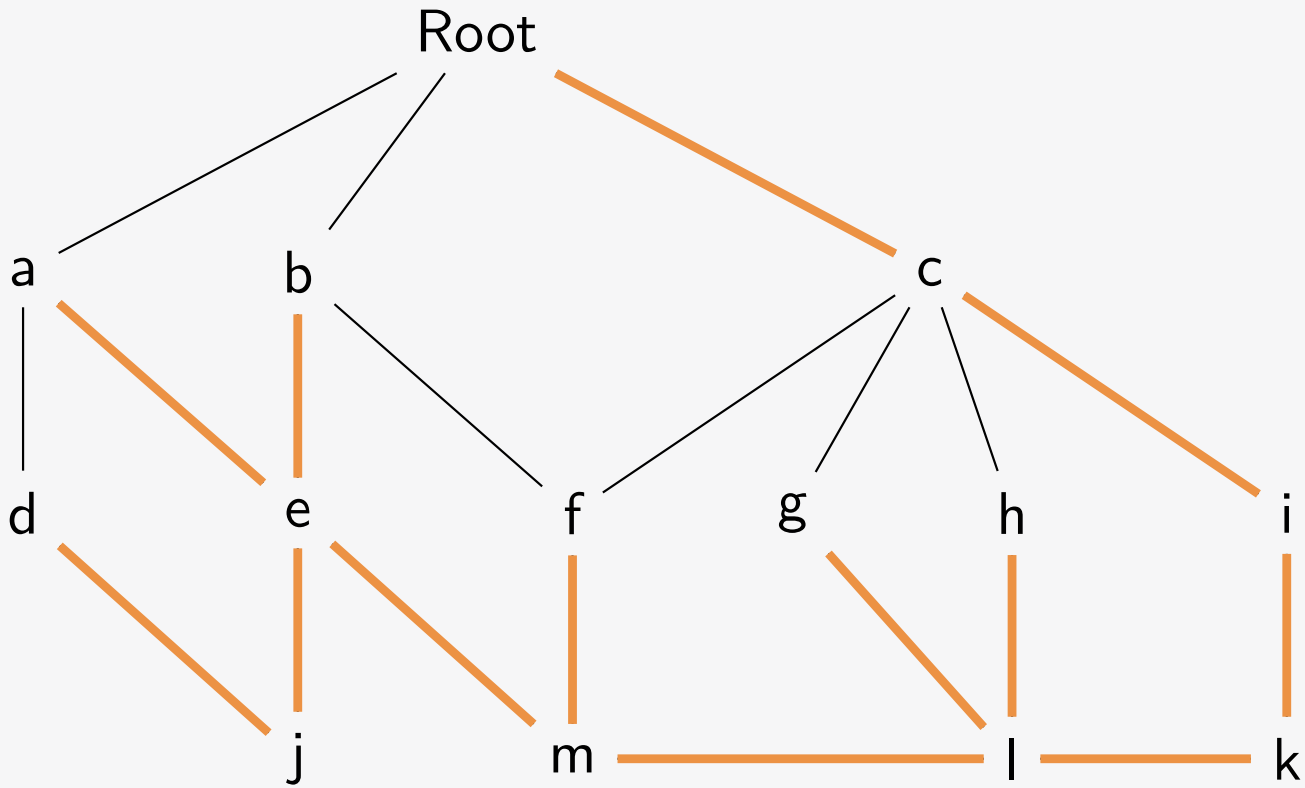

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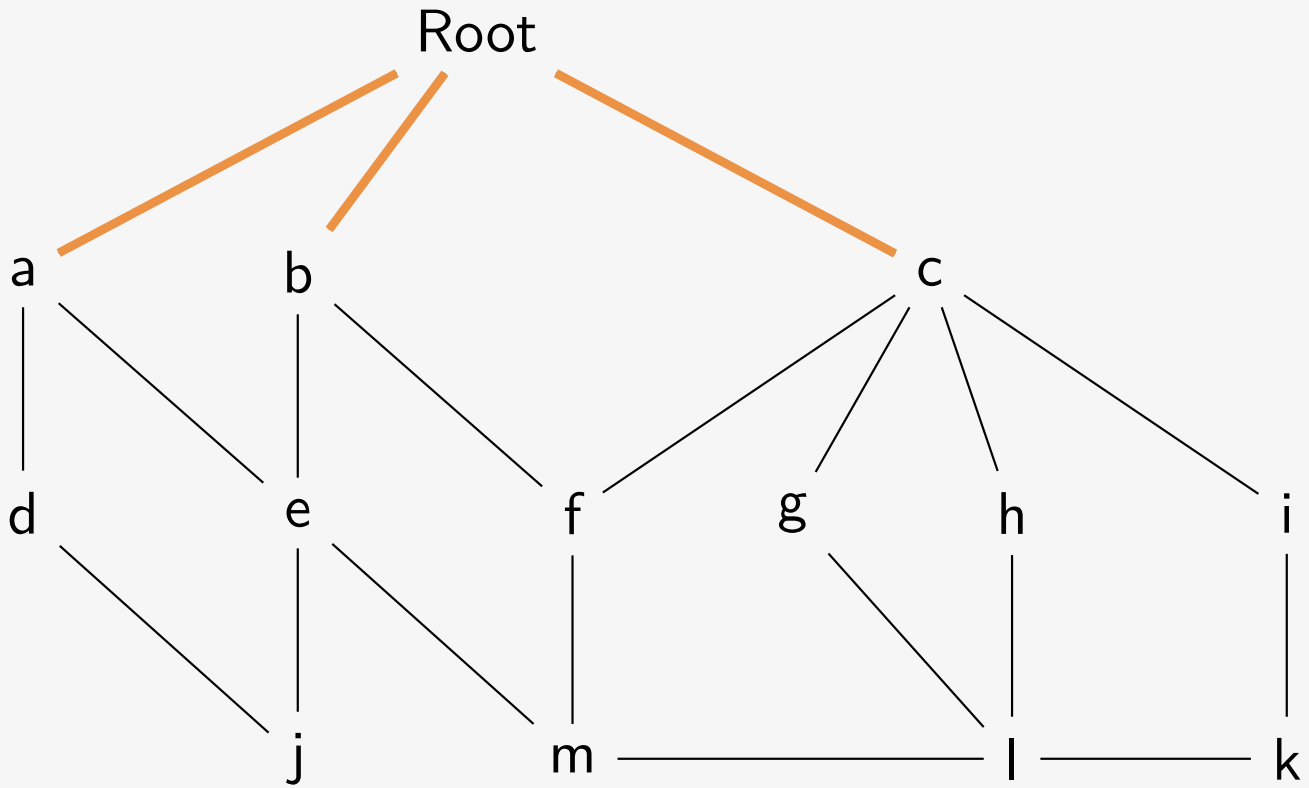

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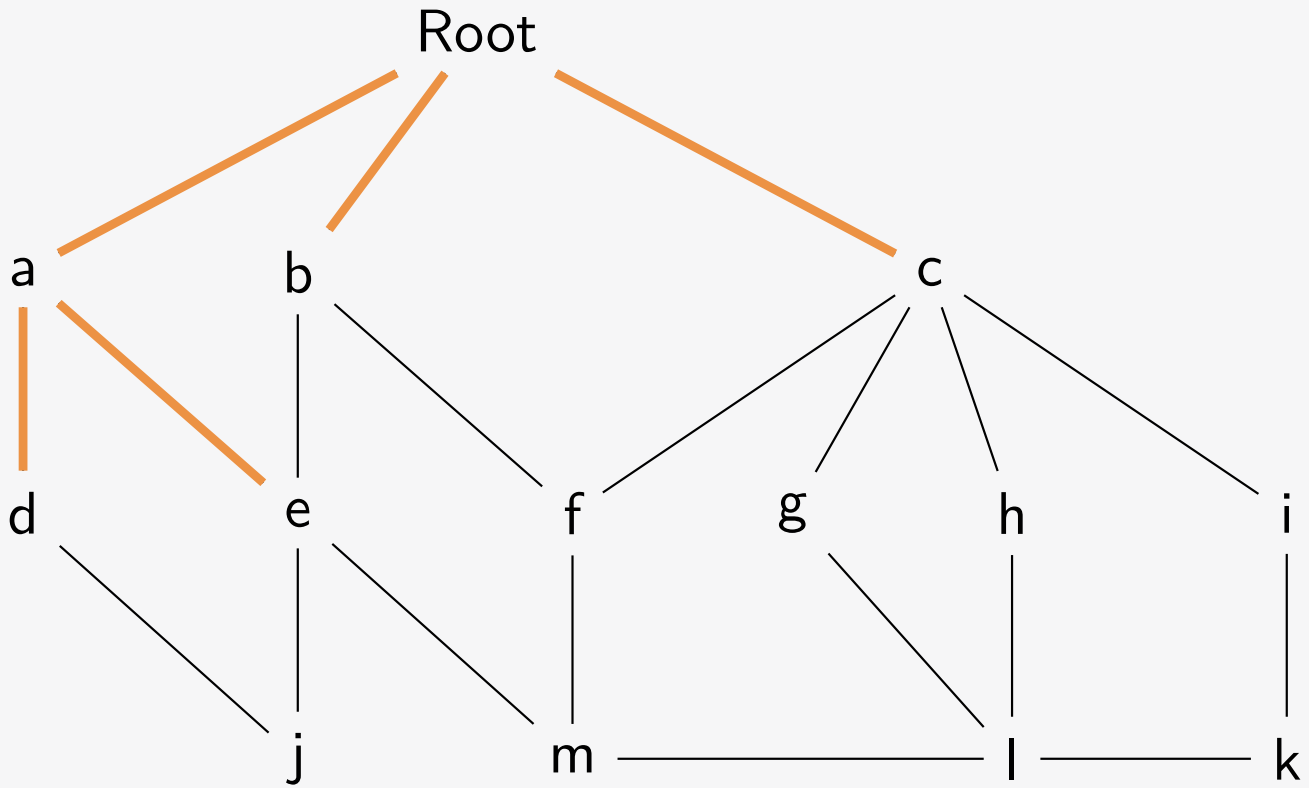

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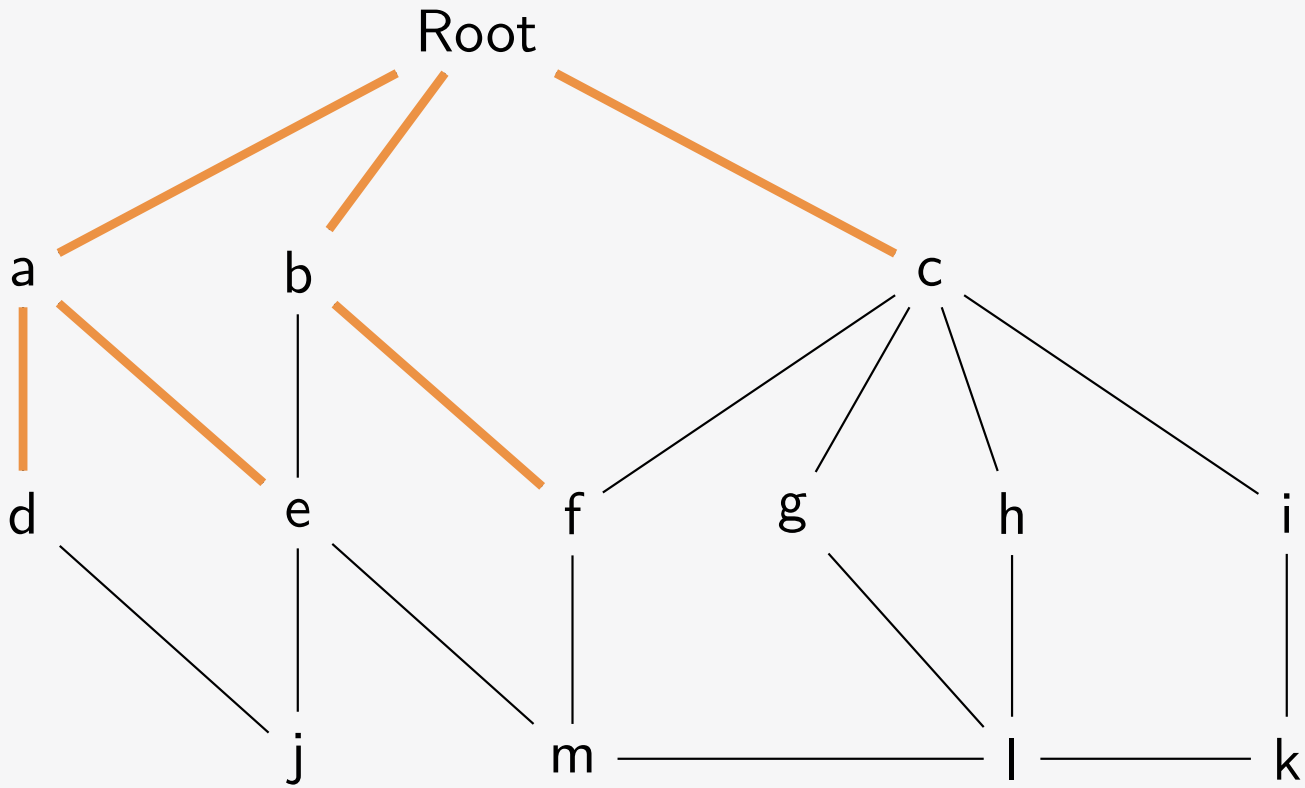

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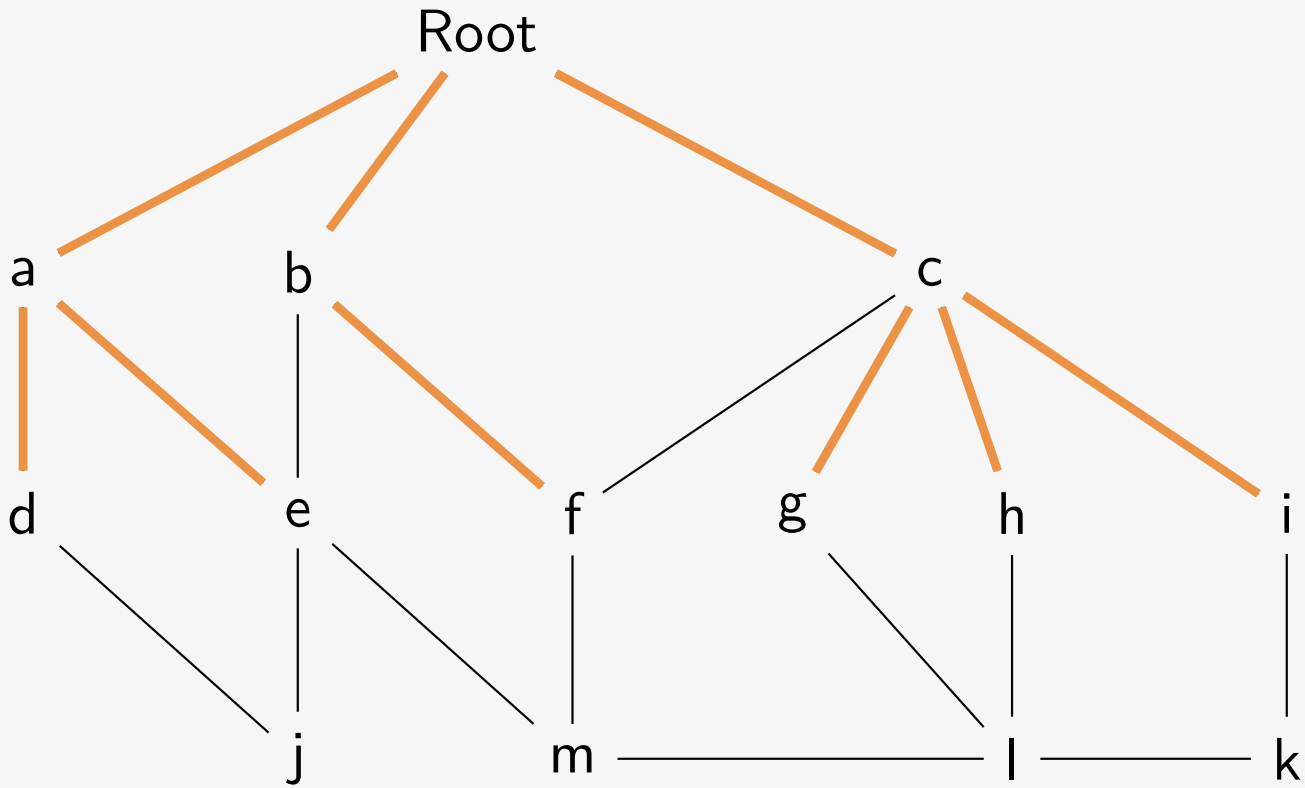

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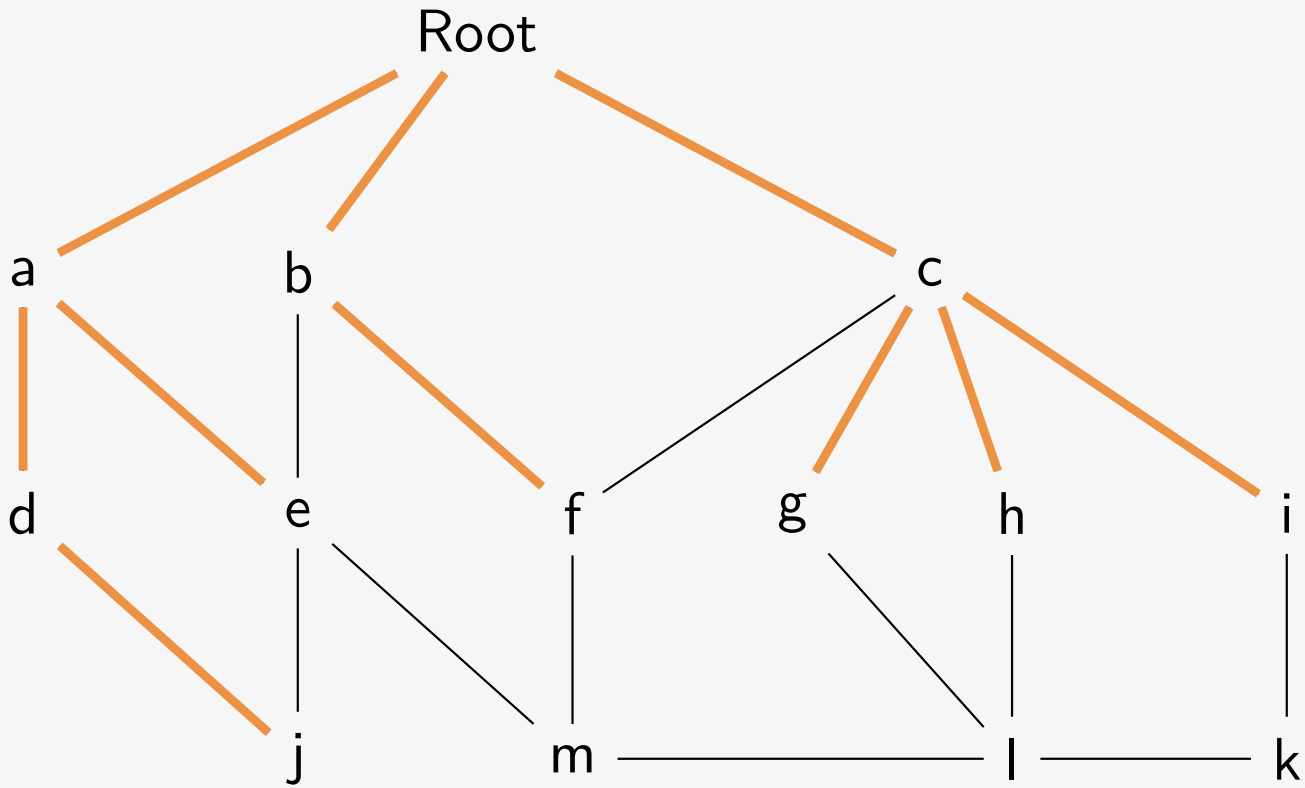

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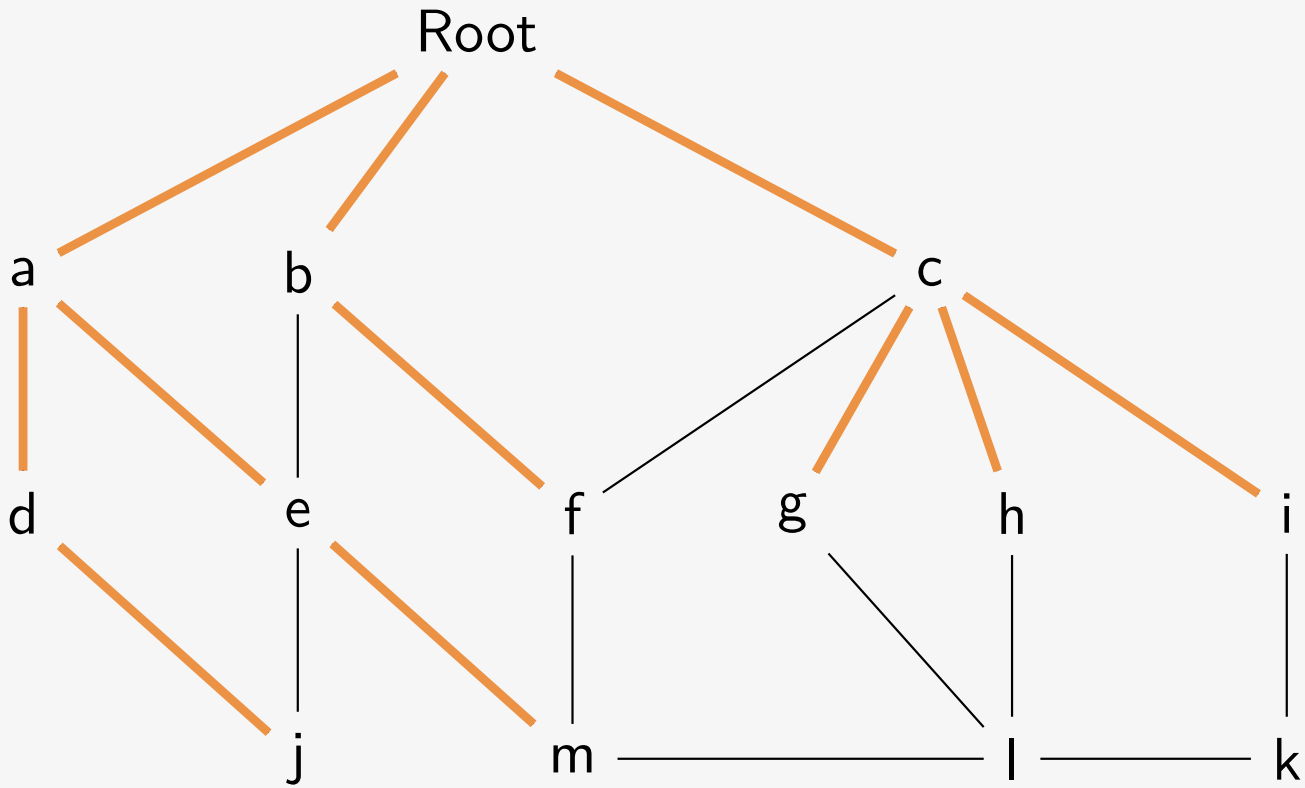

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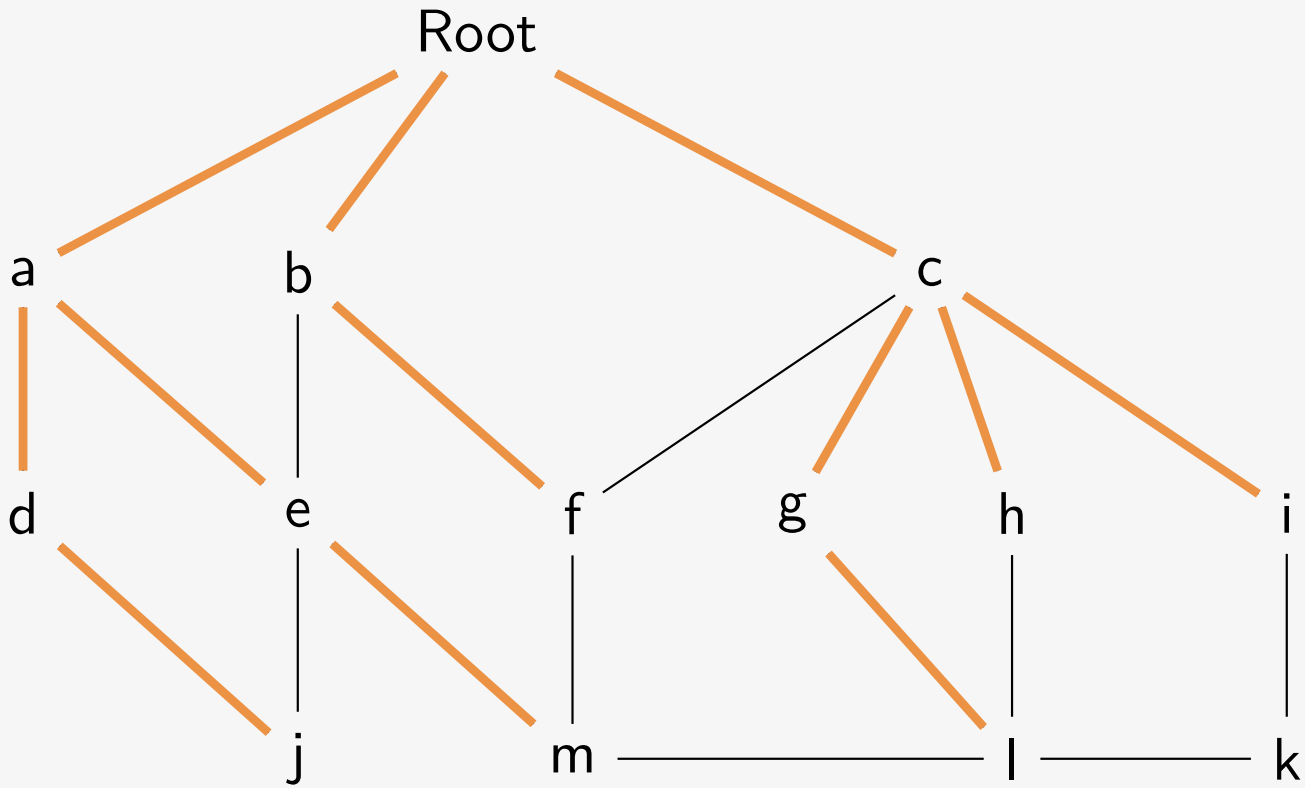

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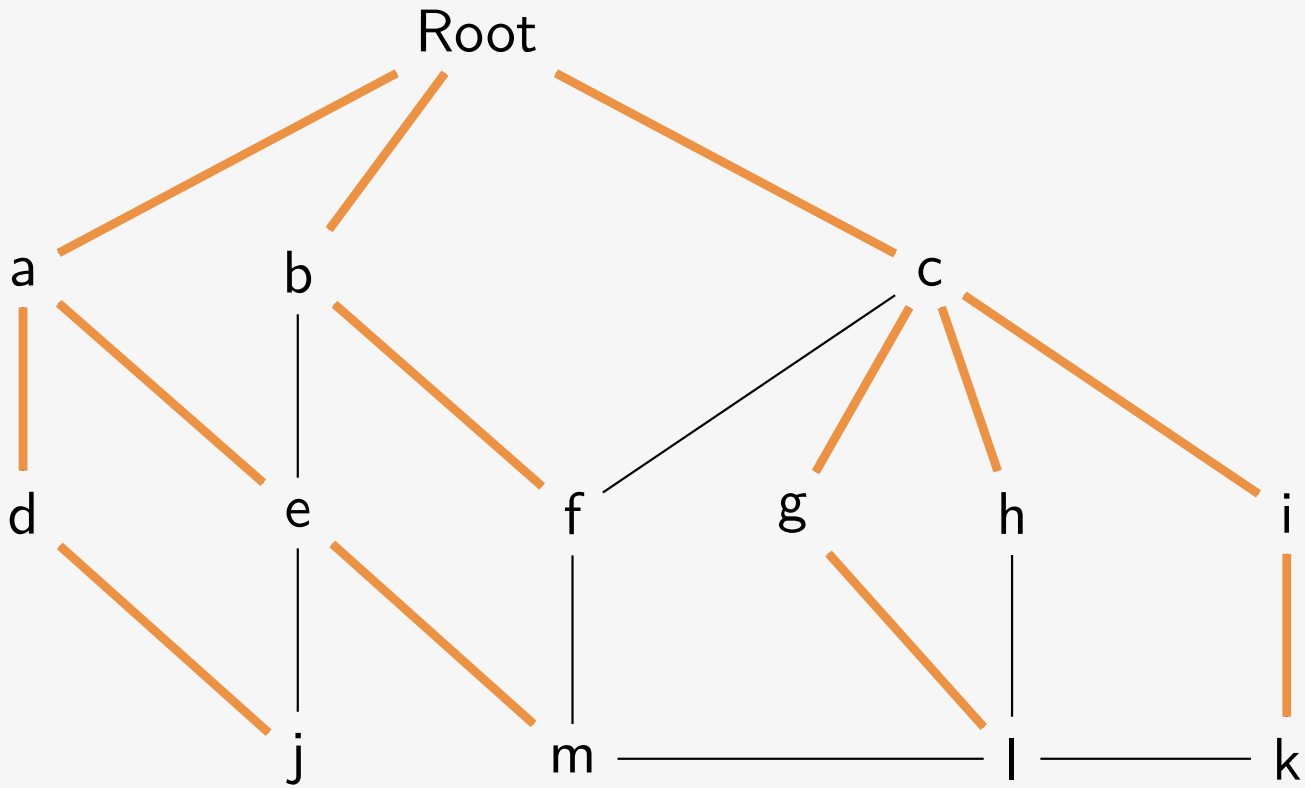

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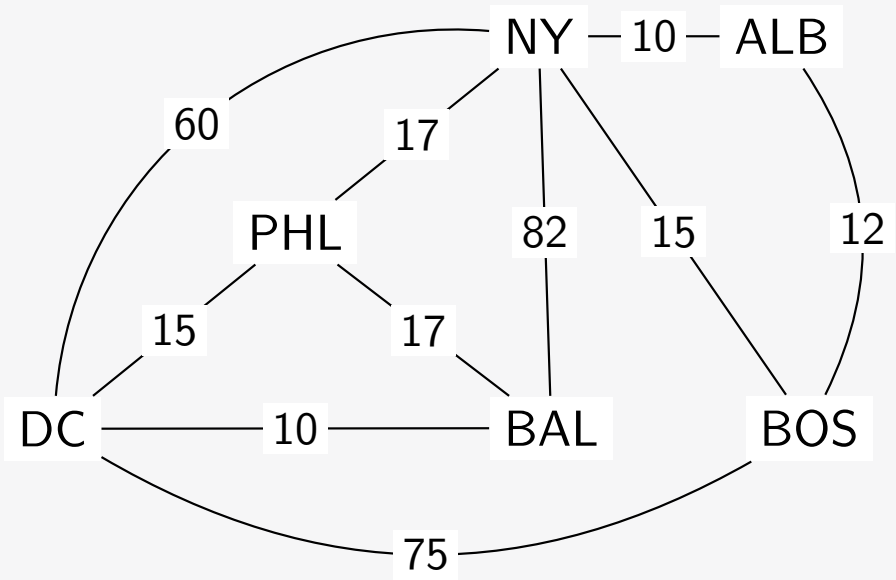

- Find the unused edge with the lowest value
- If it doesn't create a circuit add it to the tree
- Repeat until there are $n-1$ edges

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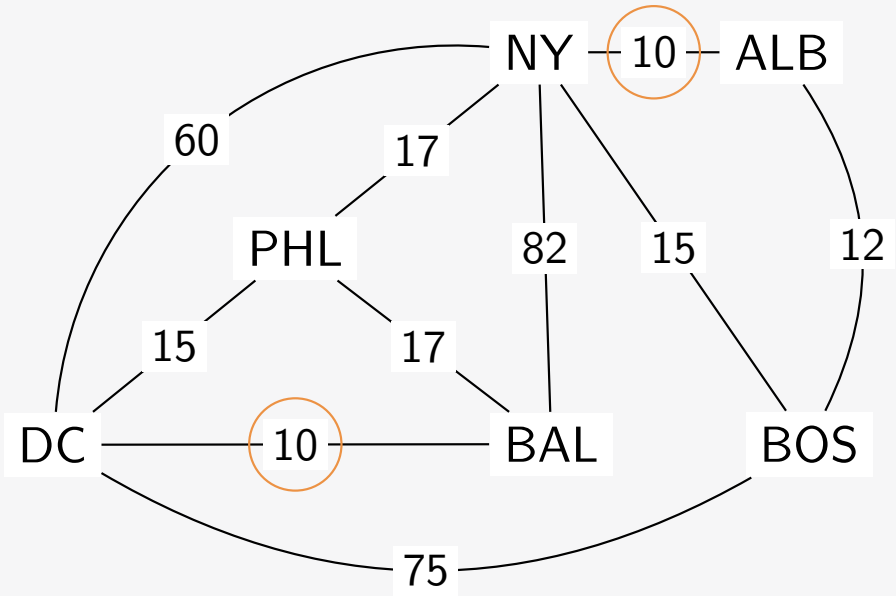

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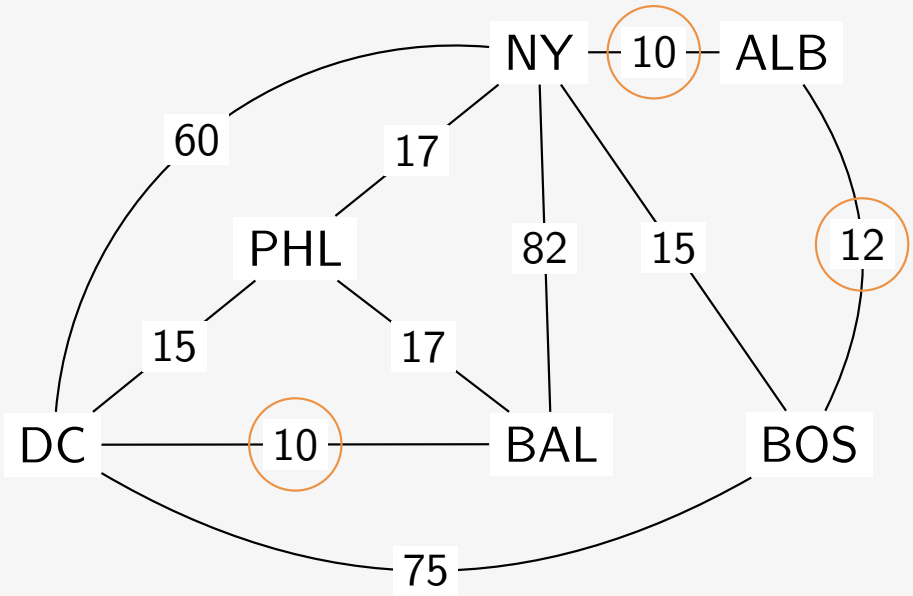

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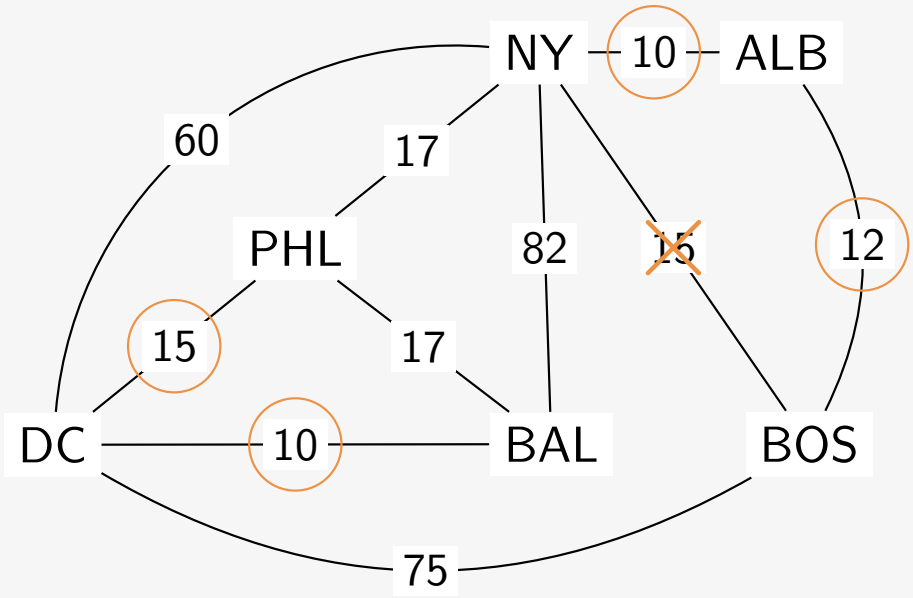

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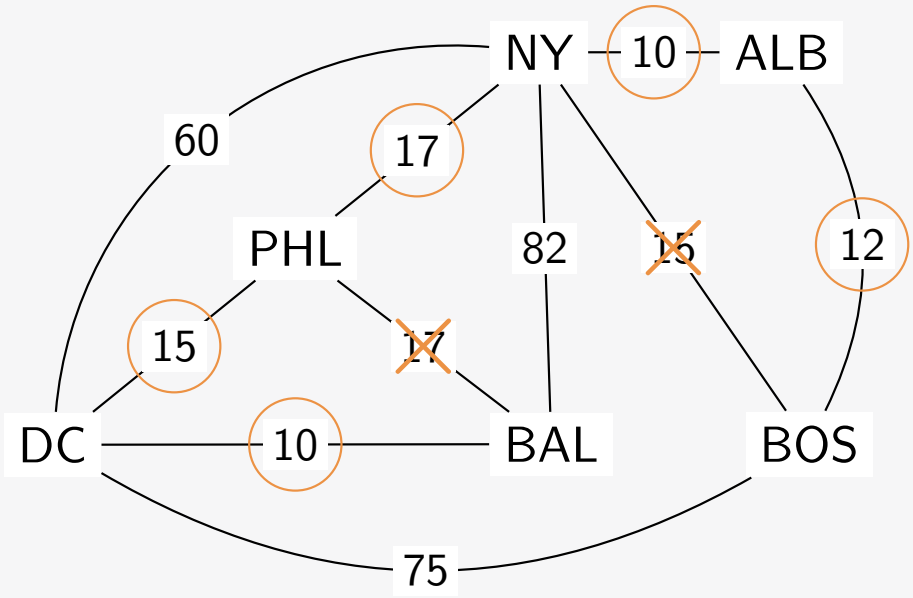

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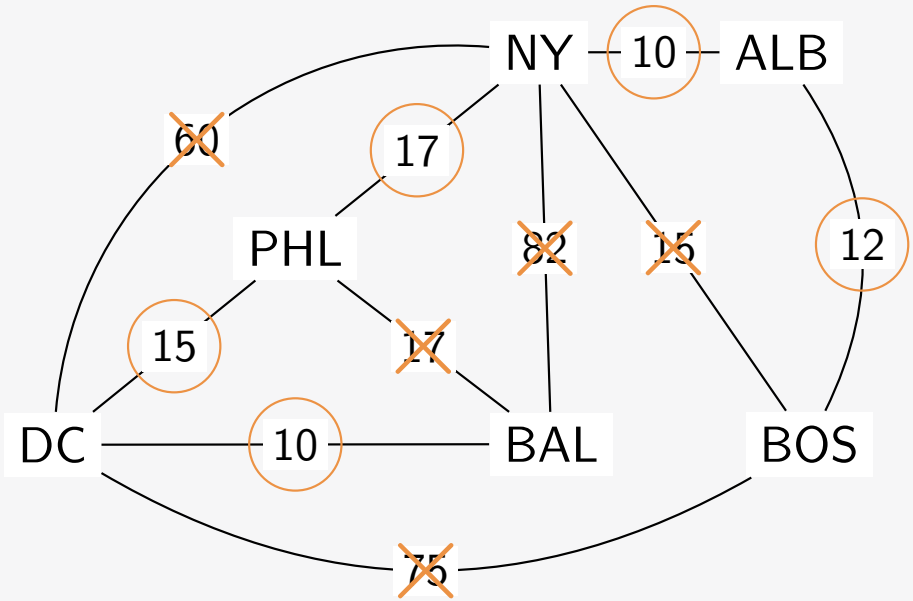

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