

Windowing Query

Interval Tree: Construction

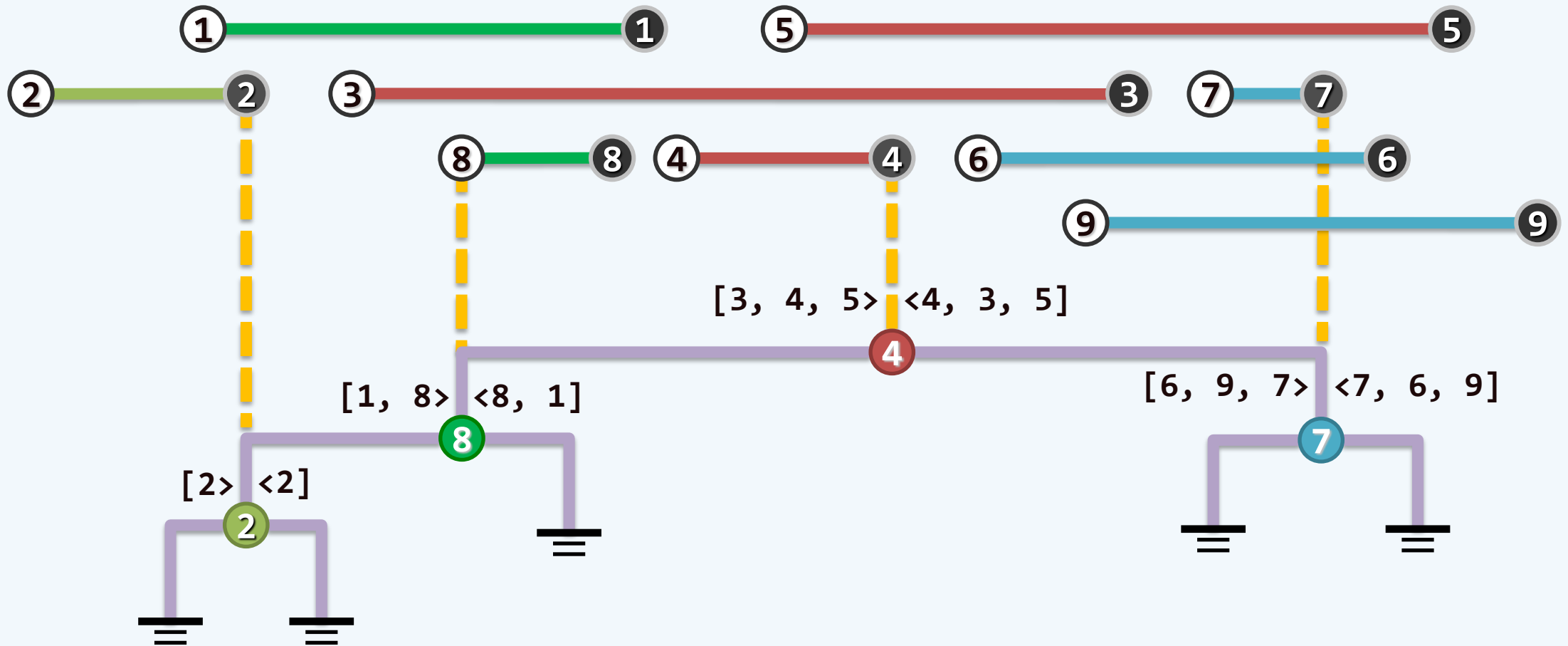
- Complexity

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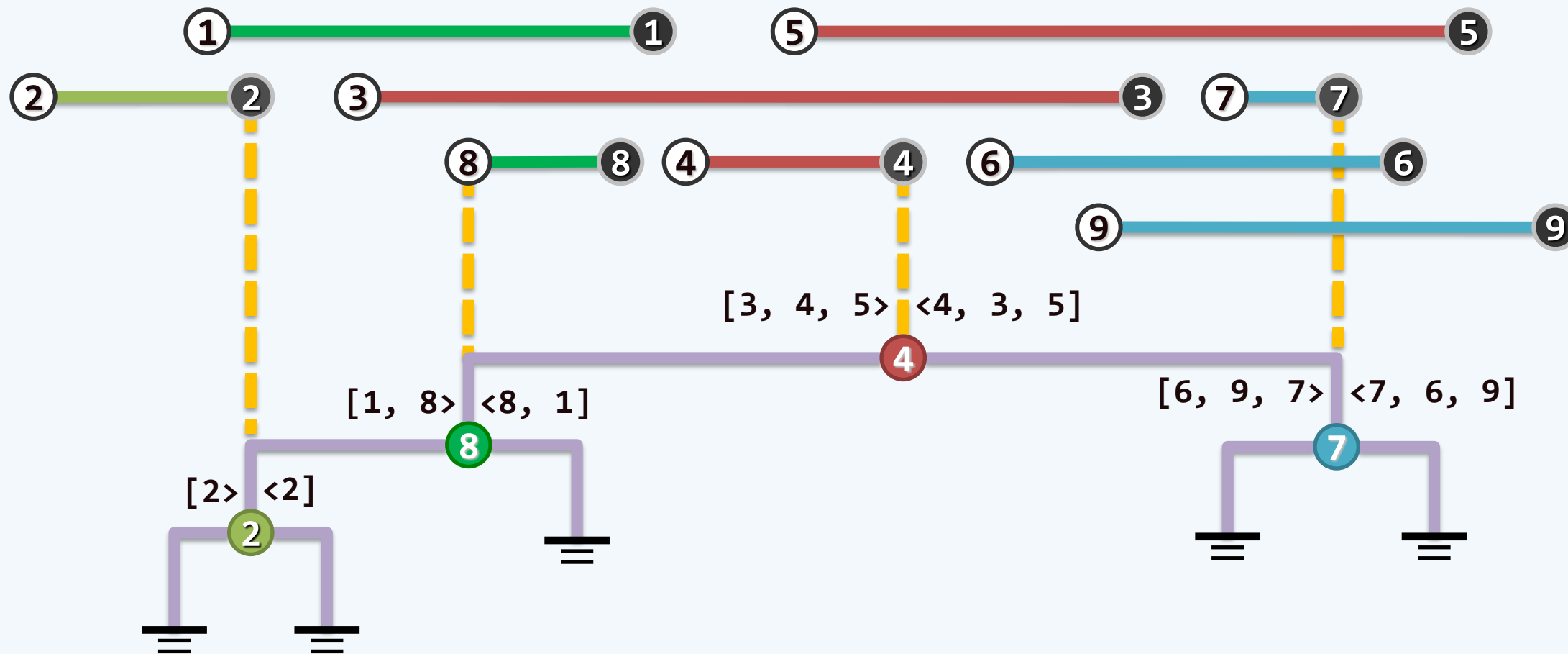
$O(n)$ Size

❖ Each segment appears twice



$O(\log n)$ Depth

❖ Partitionings are done evenly



$O(n \log n)$ Construction Time

❖ Hint: avoid repeatedly sorting

