

Delaunay Triangulation

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- Hardness

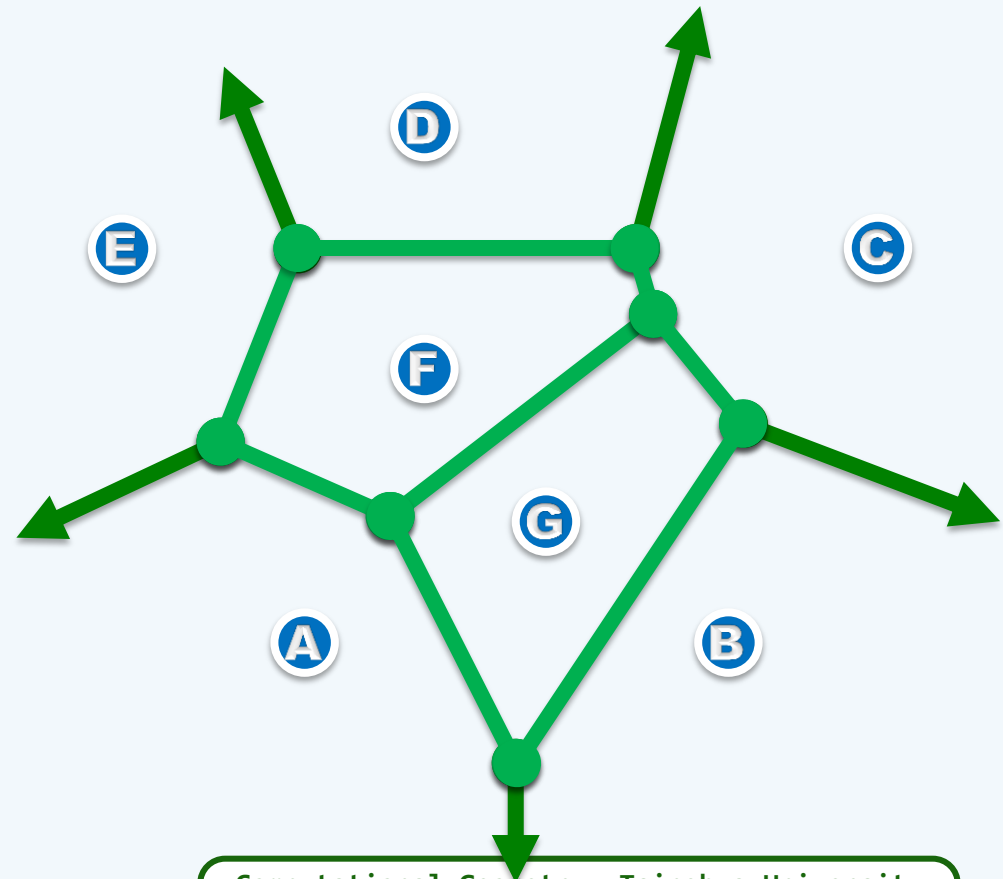
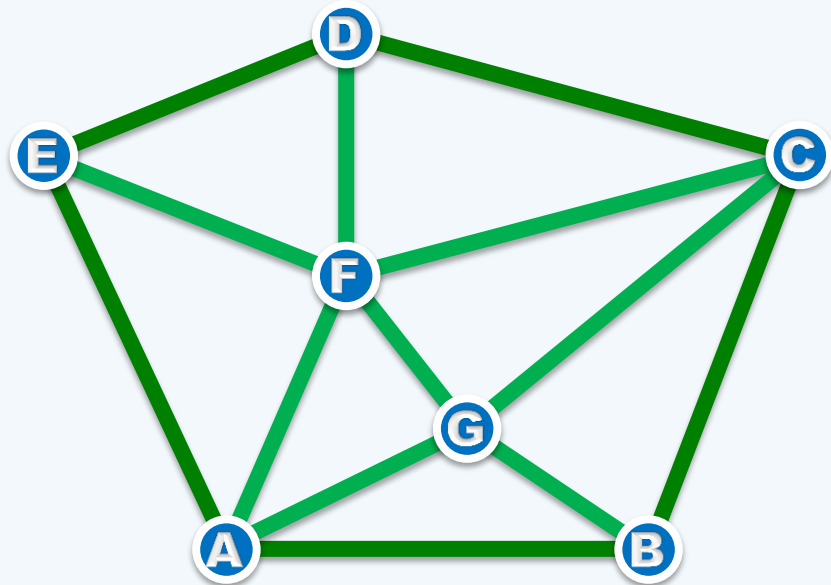
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Lower Bound

❖ It requires $\Omega(n \log n)$ time to construct $DT(S)$ in the worst cases,

where $n = |S|$



Upper Bound

❖ For any planar set S of n points,

DT(S) can be constructed in $\mathcal{O}(n \log n)$ time

