Delaunay Triangulation

Point Set Triangulation
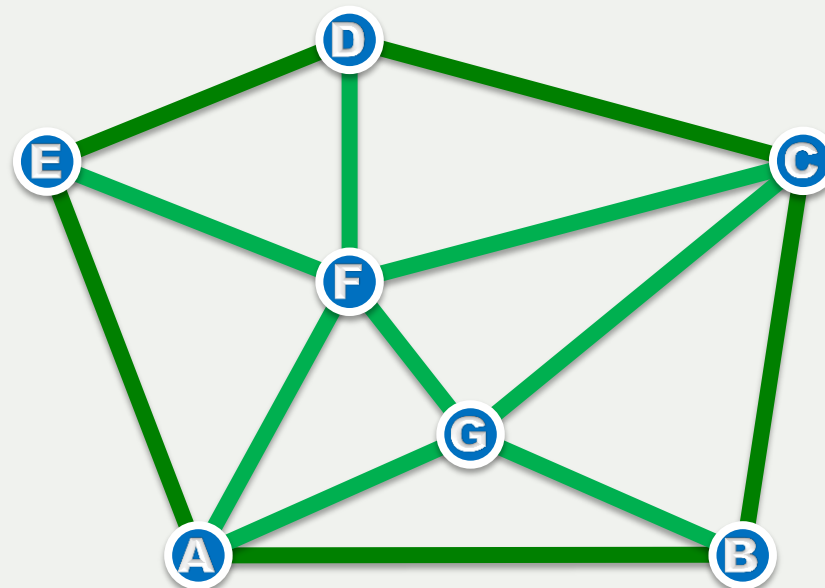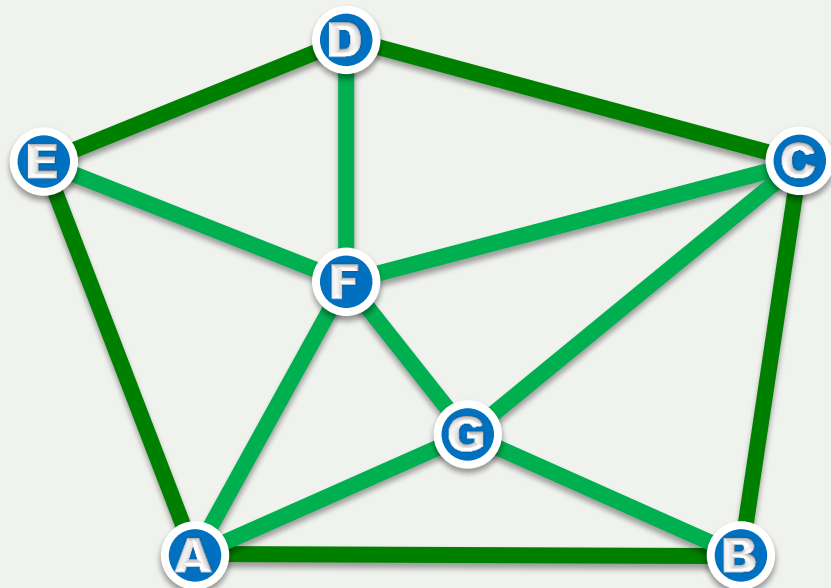
- Definition

Junhui DENG

deng@tsinghua.edu.cn

❖ Let P be a set of points in the plane with |P| = $\boxed{n}$ and |conv(P)| = $\boxed{h}$

❖ For any points $\boxed{a}$ and $\boxed{b}$ of P, segment $\boxed{ab}$ is called a $\boxed{\text{diagonal}}$ of P

Triangulation

❖ A triangulation of P is a `maximal set` of `non-conflicting` diagonals

which partitions `conv(P)` into `2-simplices` (i.e. triangles)