

Delaunay Triangulation

RIC With Example

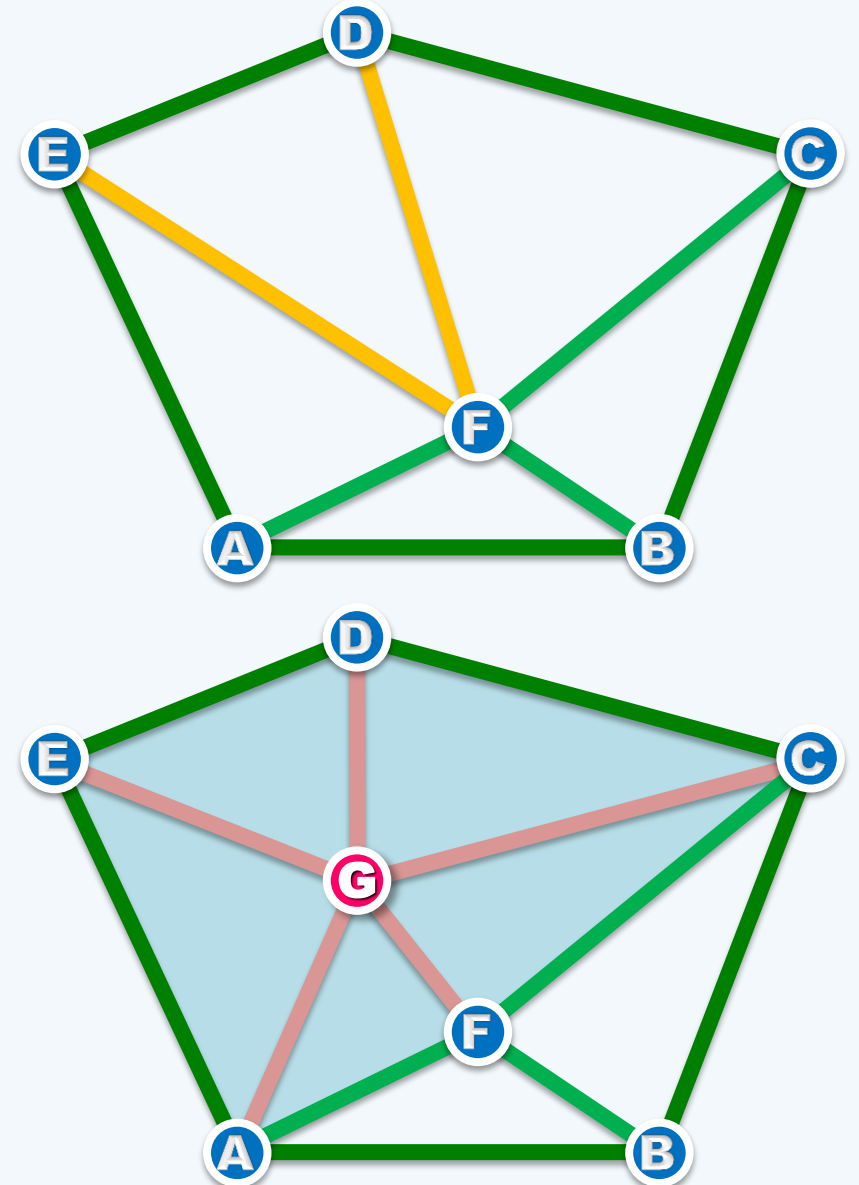
- Idea

**Mom always said: Life like a box
of chocolate, you never know
what you're going to get.**

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- ❖ As with any RIC algorithm,
the idea here is to
- **insert** the sites in a random order,
one at a time; and
 - **update** the triangulation
after each addition



Upper Bound

- ❖ It had been known for many years as a practical solution until ...
- ❖ An `expected- $O(n \log n)$` bound was established by Guibas, Knuth, and Sharir in 1992

