

Voronoi Diagram

DCEL

- Vertex & Face

Junhui DENG

deng@tsinghua.edu.cn

Vertex

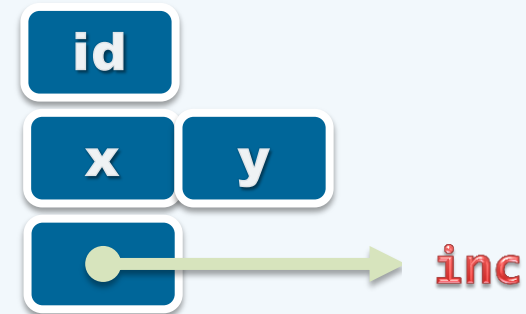
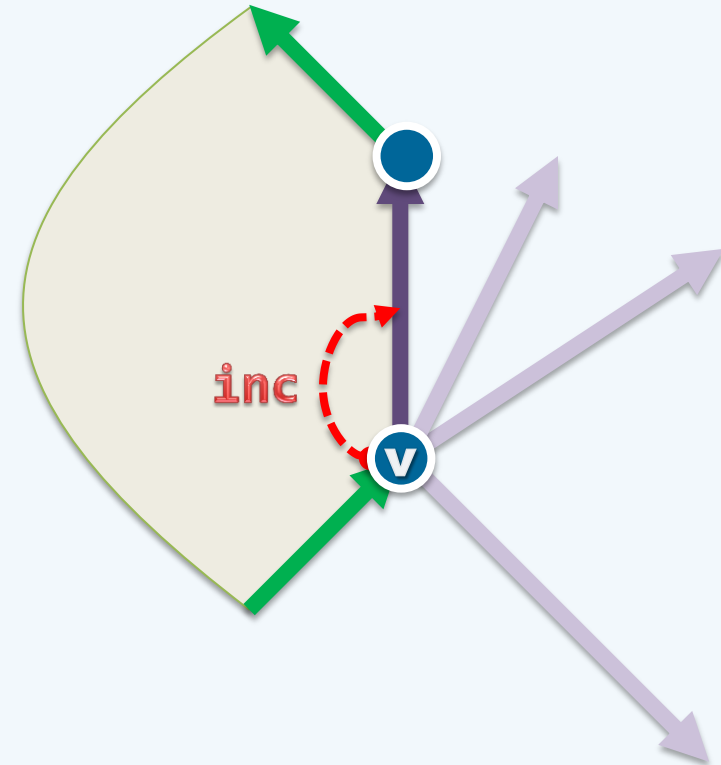
❖ For each vertex v , DCEL stores

`id` `//identifier`

`x & y` `//coordinates of v`

`inc` `//reference to the first`

`//outgoing incident half-edge`



Face

❖ For each face, DCEL stores

`id` `//identifier`

`inc` `//the "first" half-edge`
 `//incident to the face`
 `//from left`

