

Convex Hull

Incremental Construction

- Support-Lines

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Tangents

❖ If `ICPT` returns `true`,

we just `discard` the new inserted point (8)

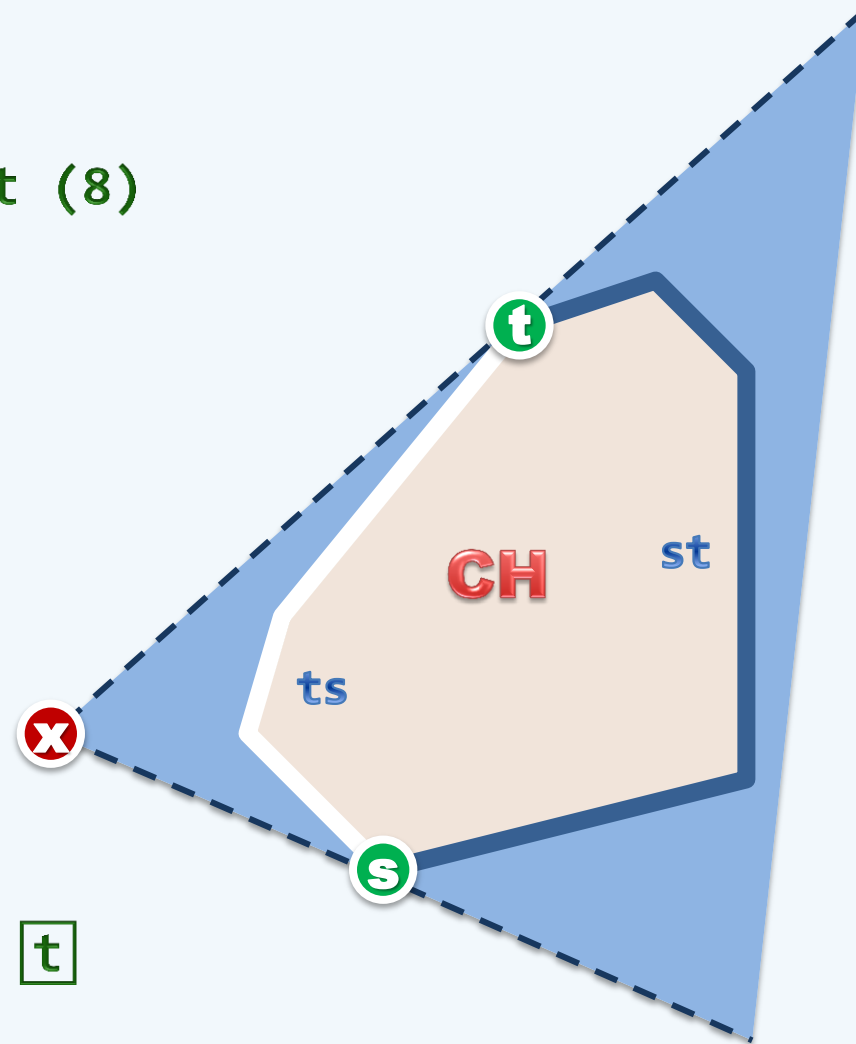
❖ But if `false`,

how to `attach` the point (6/7/9)

to the hull?

👁 For a point `x` exterior to the hull,

there are two tangent points `s` and `t`



Tangents

❖ Hence to update the hull, we simply

- throw **ts** away and
- connect **x** with **s** and **t** resp.

❖ Then, how to **locate** the tangents?

