

Convex Hull

Extreme Edges

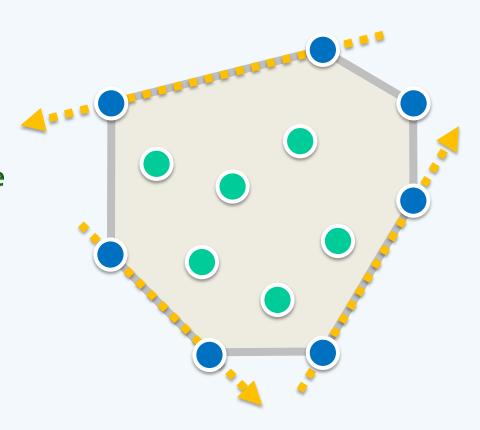
- Definition

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Extreme Edges

- ❖ The EP method
 - requires $O(n^4)$ time to identify all EP's and
 - needs additionally O(nlogn) timeto sort them into CH(P)
- ❖ How to improve it?



To-Left Tests

- ♦ How to find all the EE's?
- \star For $s \in S$ and $t \in S$,

all points in S\{s, t} lie

to the same side of e

❖ Ambiguity: collinear points

