

Convex Hull

Graham Scan: Correctness

- Left Turn

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Induction

❖ [Inductive Assumption]

After the k -th point has been scanned

points in stack S give

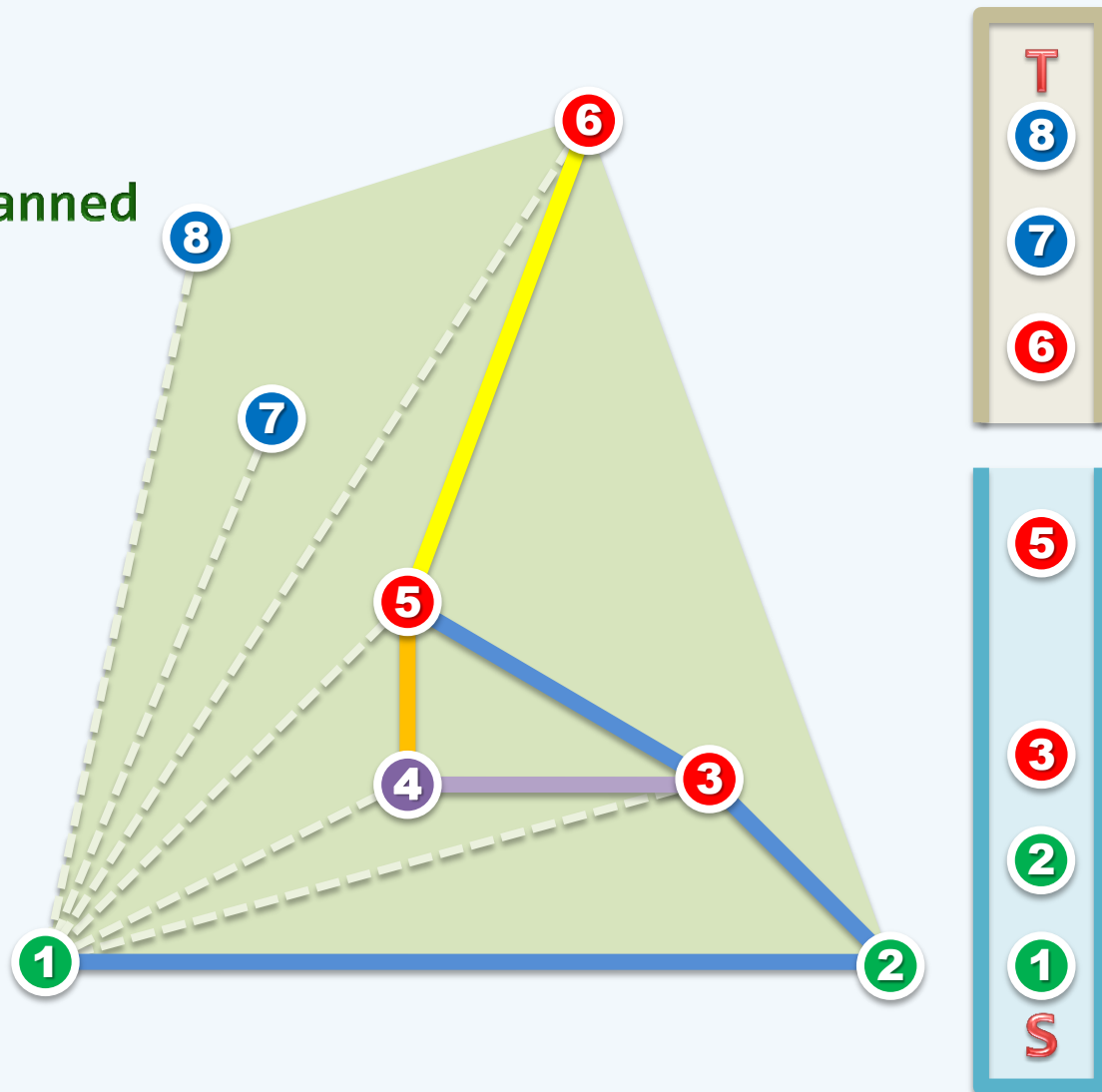
the **convex hull** for

the first k points

❖ [Inductive Base]

when $k = 3 \dots$

❖ There would be two cases ...



Left Turn

