

Triangulation

Art Gallery Theorem

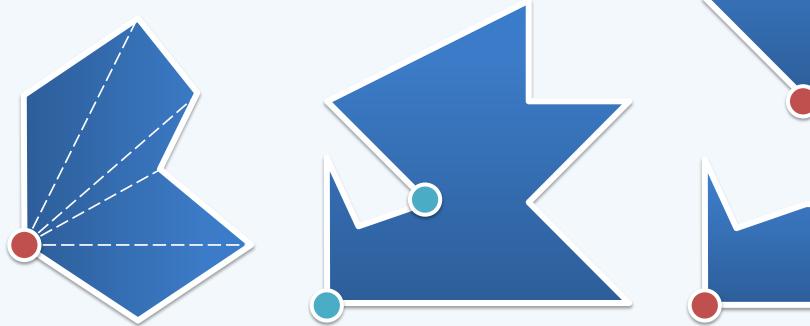
- Sufficiency by Fan Decomposition

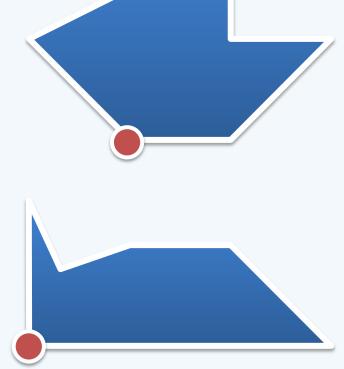
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Fan Decomposition

- Fan: a star-shaped polygon with a kernel vertex





♦ Induction: every n-gon can be partitioned into ≤ ln/3 fans