

Triangulation

Art Gallery Problem

- Hardness

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- ❖ The minimum **vertex** guard problem for polygons is **NP-hard**
- ❖ The minimum **point** guard problem for polygons is **NP-hard**
- ❖ The minimum **edge** guard problem for polygons is **NP-hard**



❖ The minimum **vertex** guard problem

for **orthogonal** polygons

is **NP-hard**

❖ The minimum **point** guard problem

for **orthogonal** polygons

is **NP-hard**

