

Terminologies

Intersecting Halfspace

Junhui DENG

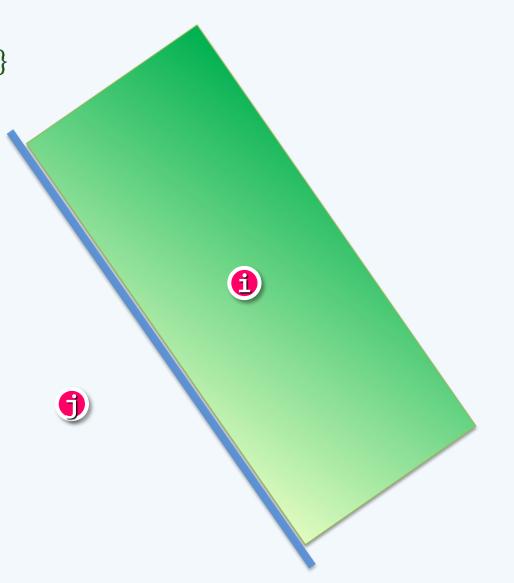
deng@tsinghua.edu.cn

Minimum Distance

 \bullet For any p_i and p_j ,

$$\{q \in \mathcal{E}^{\mathsf{d}} \mid d(q, p_{\mathsf{i}}) < d(q, p_{\mathsf{j}})\}$$

is an open halfspace



Halfspace Intersection

is the intersection of n - 1 halfspaces

and hence is **convex**

(but not necessarily bounded)

