

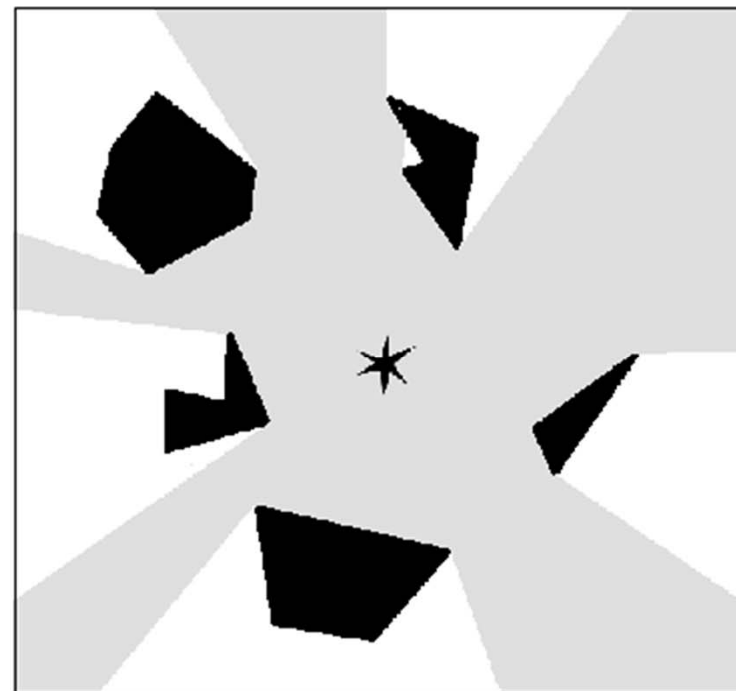
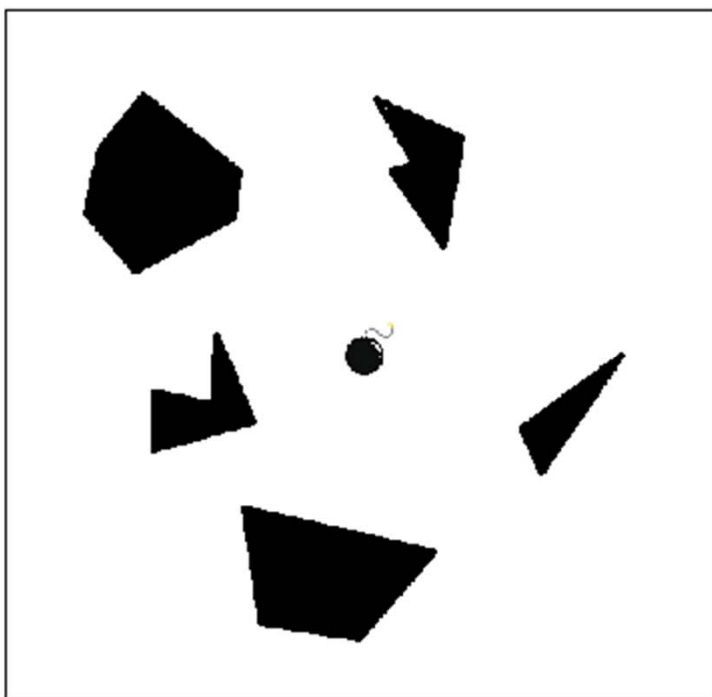
Problem E: Alice and Bomb

原案: 野田

解答: 岩田・牟田

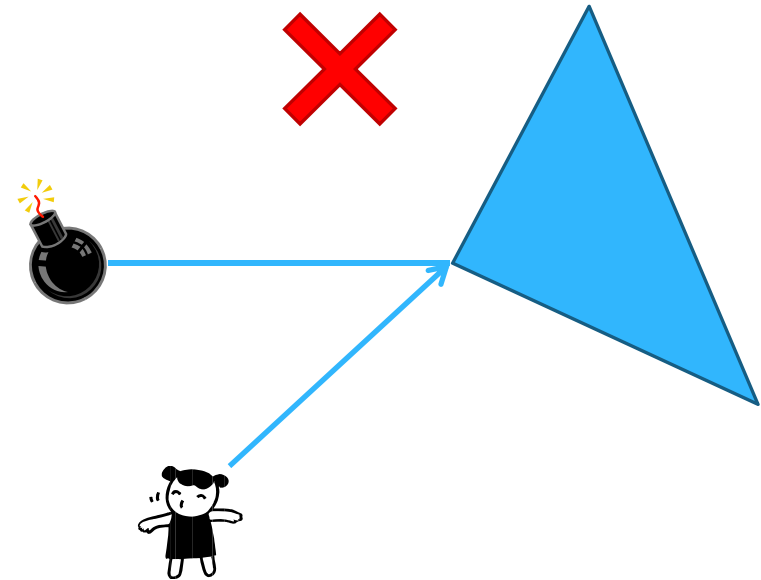
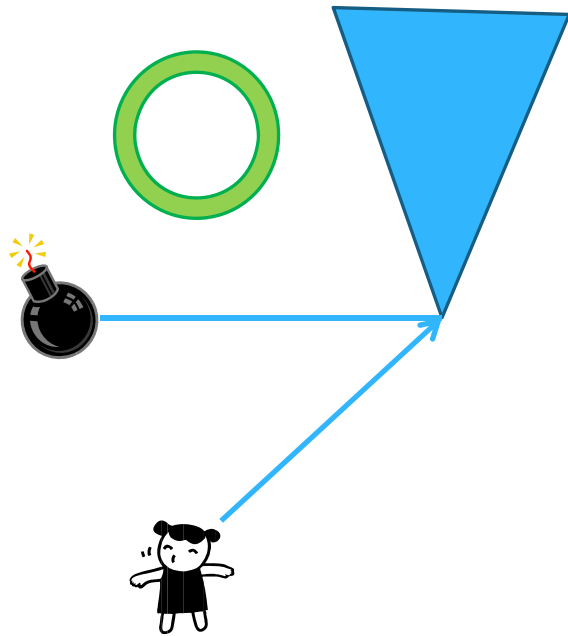
解説: 岩田

問題概要



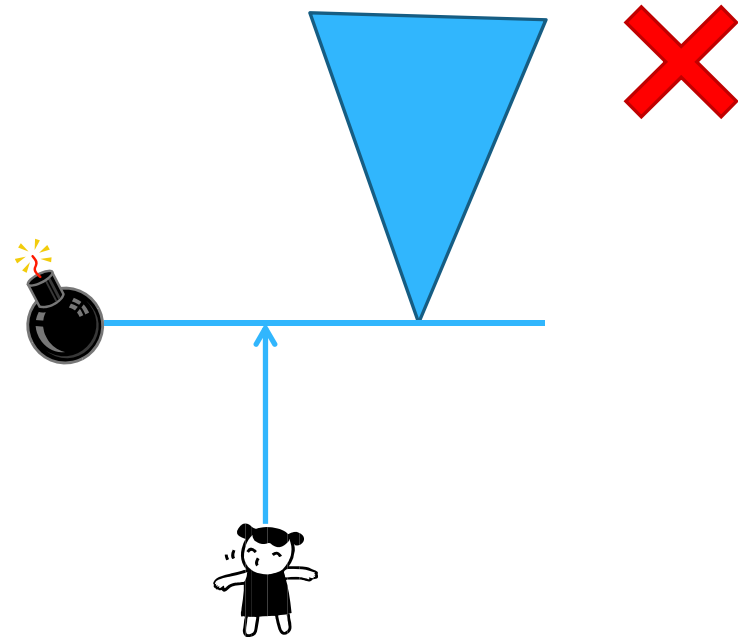
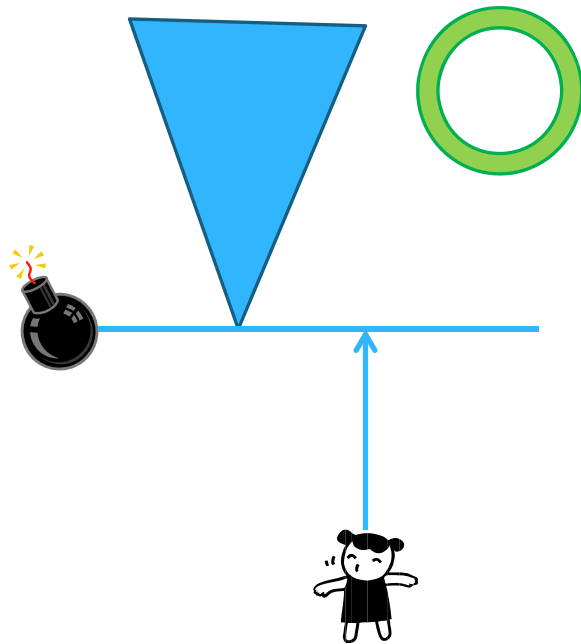
終点の候補(1)

* 多角形の頂点



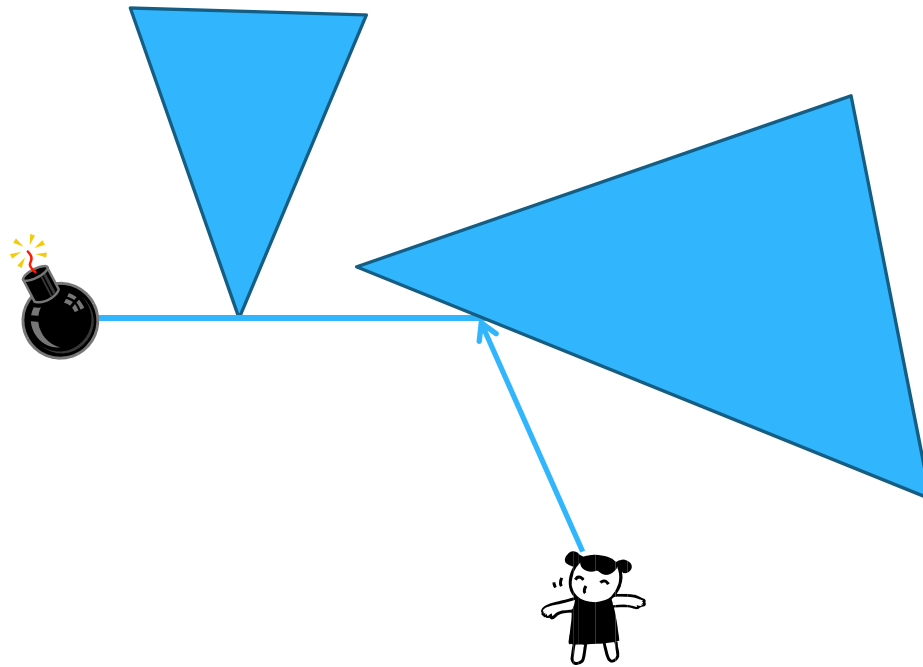
終点の候補(2)

* 垂線の足



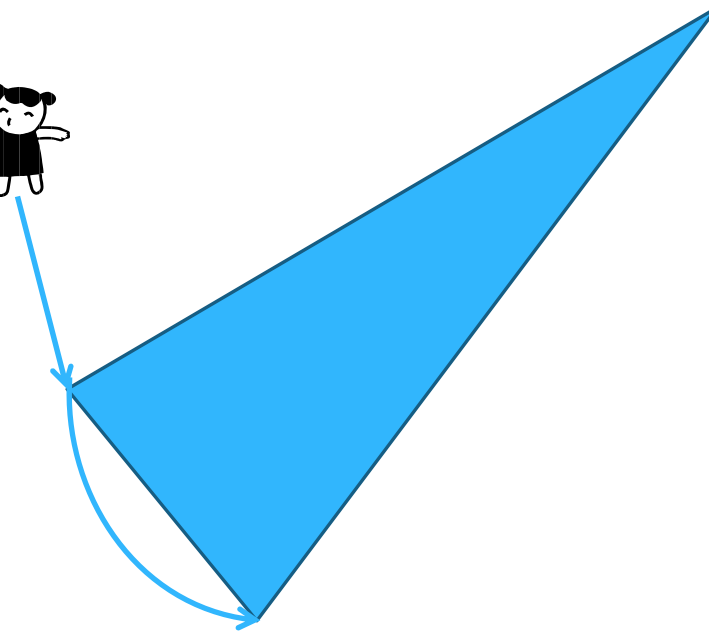
終点の候補(3)

* 交点



経路点の候補

* 頂点のみ

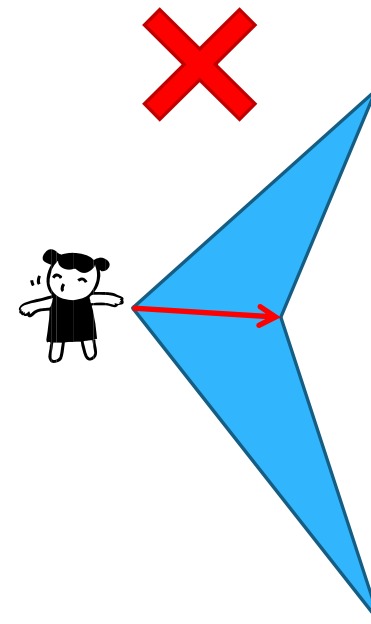
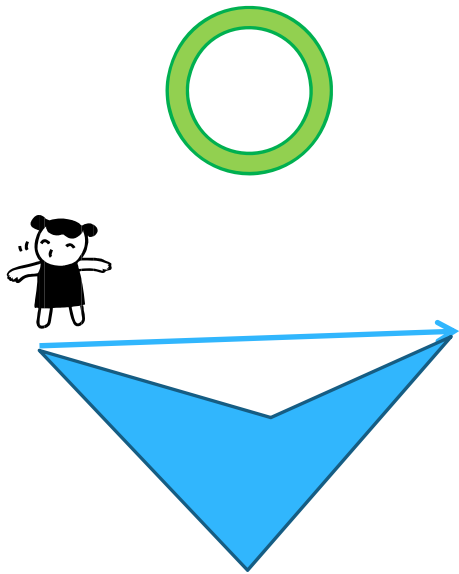


最短路の計算

- * ダイクストラするだけ
 - * 頂点数 $n = \sum m_i \leq 500$
 - * 辺の数 $O(n^2)$
 - * 移動可能か判定 $O(n)$
 - * 全体で $O(n^3)$

注意点

- * 多角形の内部を通ってはいけない



提出状況

- * First submission : 279min (USAGI Code)
- * First accepted : N/A
- * Number of submissions : 4
- * Number of accepted : 0