

Finger-Tip Detection

ISL / 안재원



목차

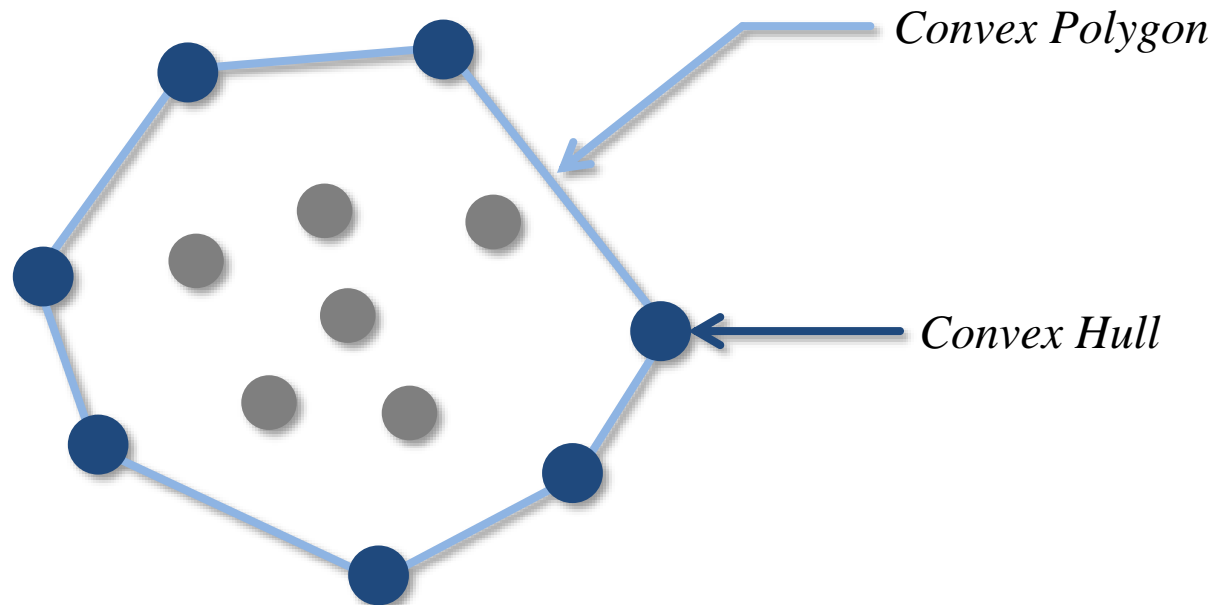
- Convex hull
- K-curvature
- Result

Convex hull

01

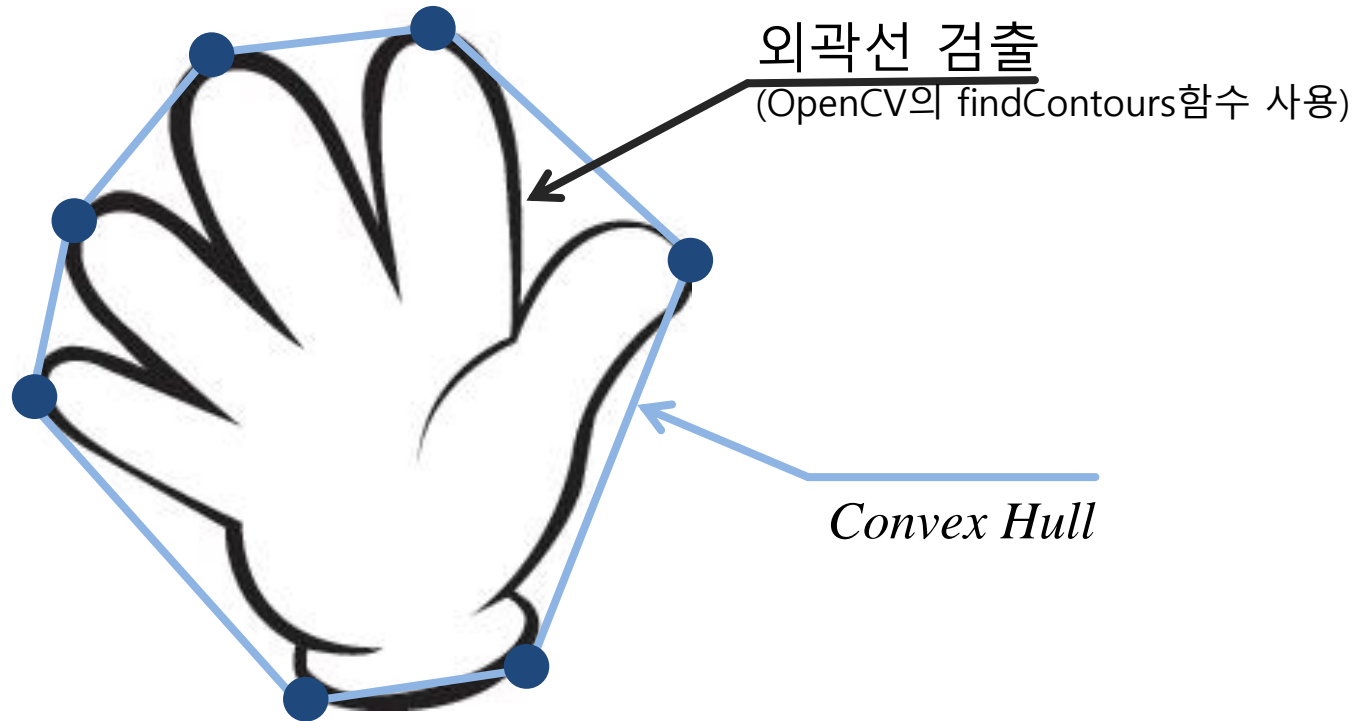
Convex hull이란?

- 평면상에서 점들을 모두 포함하는 최소 크기의 도형 (Convex Polygon)이 있을 때, 이 도형을 구성하는 점.



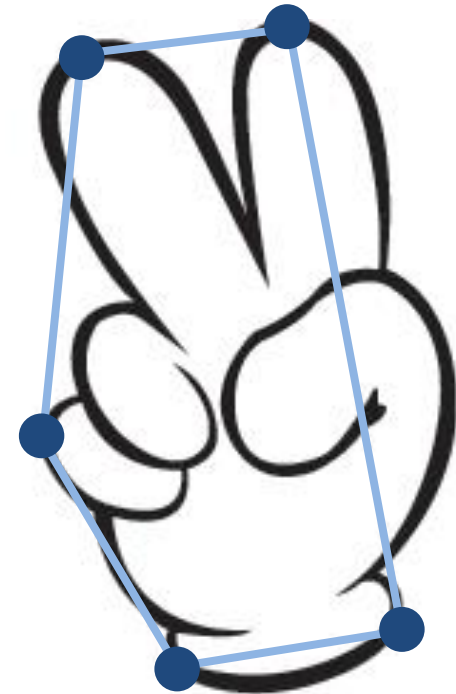
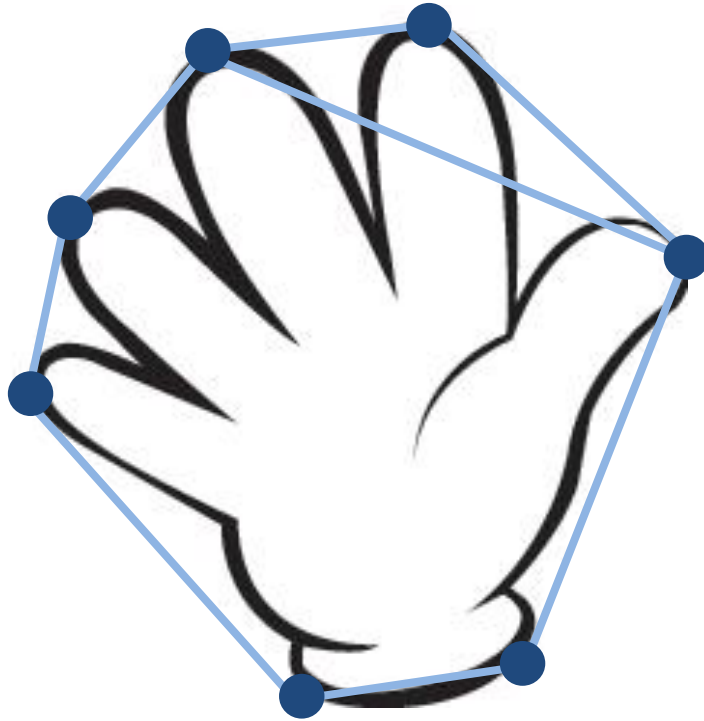
02

Convex hull



02

Convex hull

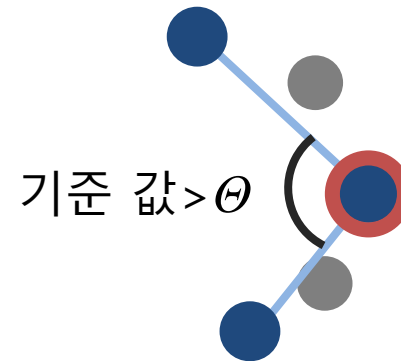
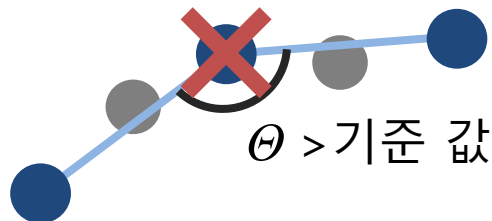


K-curvature

01

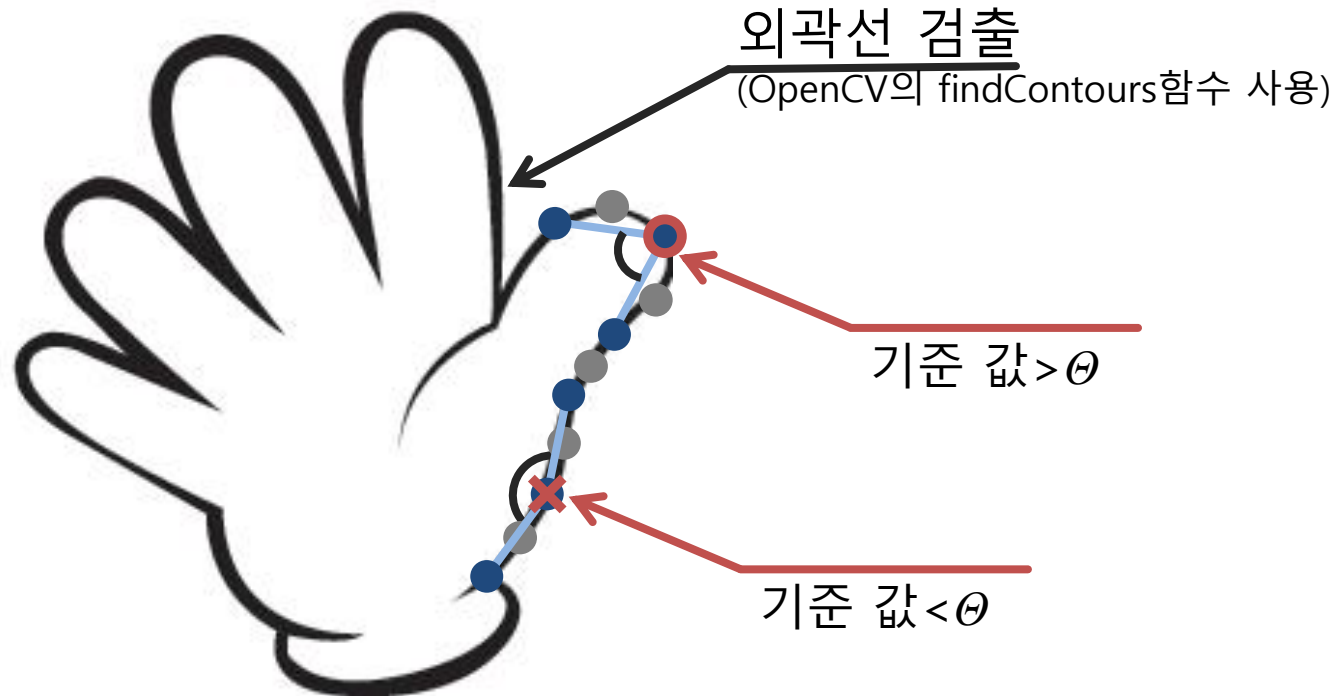
K-curvature란?

- 곡률(curvature)을 이용하는 방법으로 3점의 사이 각을 이용한다.
- 3점은 K간격을 두고 구한다.

 $K = 2$


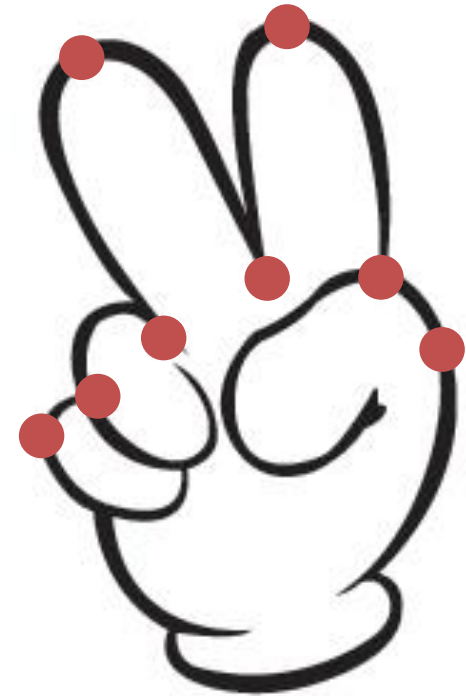
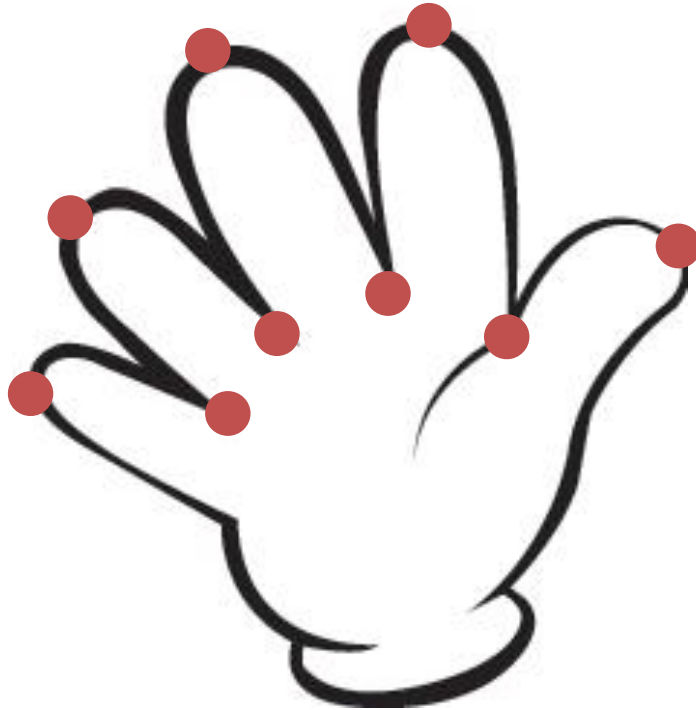
02

K-curvature



02

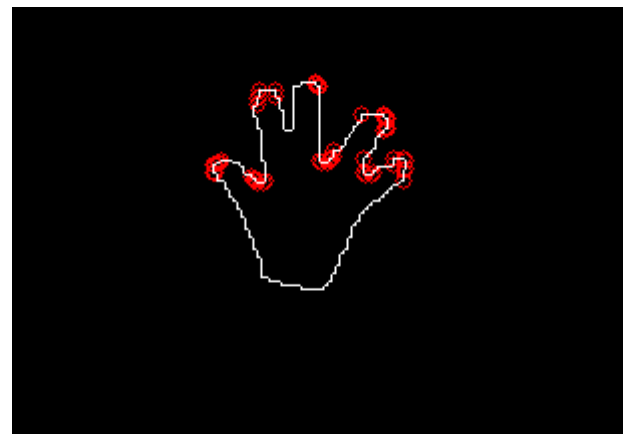
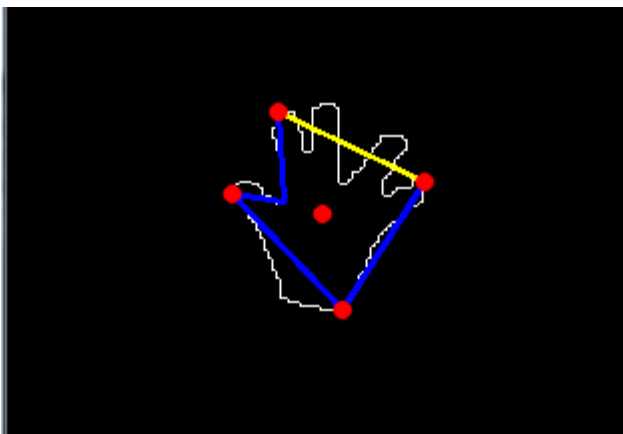
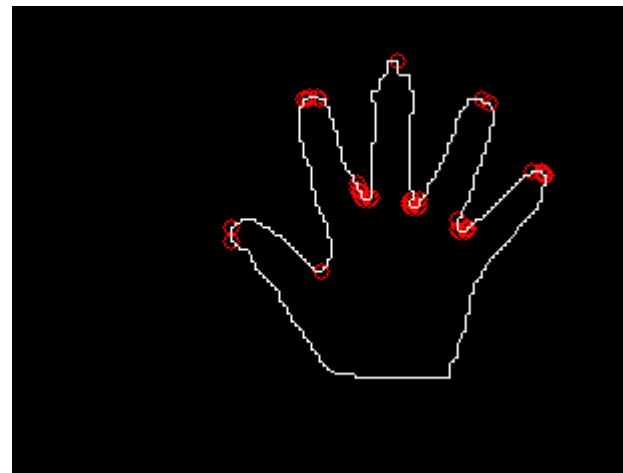
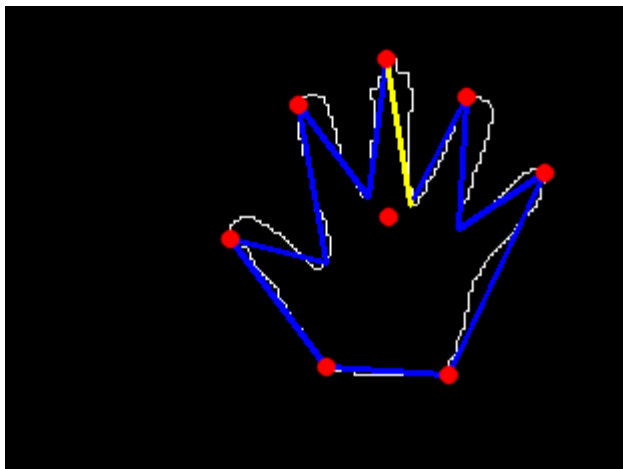
K-curvature



Result

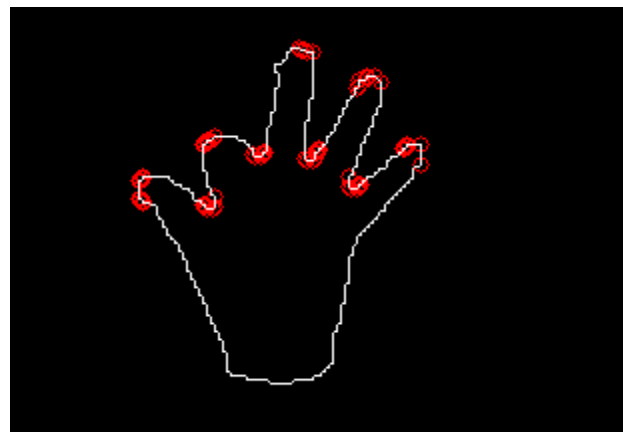
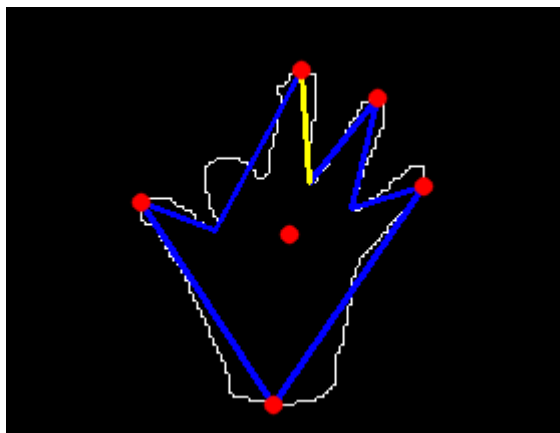
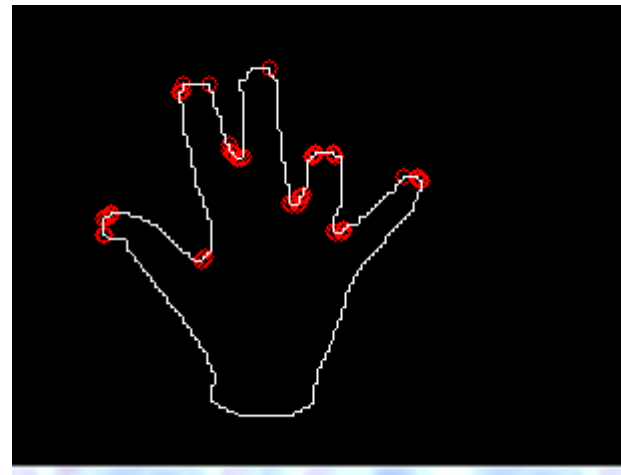
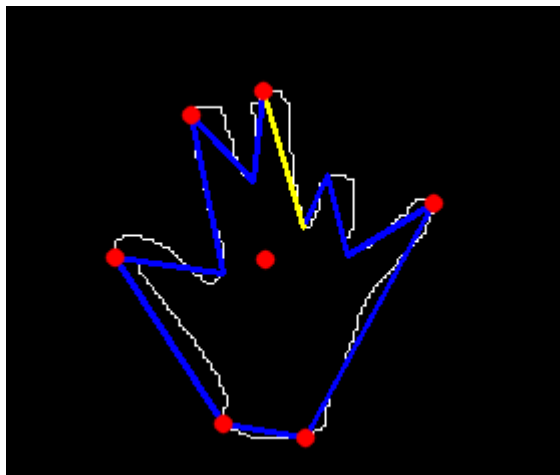
01

Result



01

Result



감사합니다.
