Convex combination

Convex related

Extremity: draw a line, left.empty or right.empty…

In-Triangle Test

To-Left Test: if all to-left test has the same result, then it is inside the triangle.

Determinant:

Extreme edge/Non-extreme edge

Output sensitive algorithm

Output Sensitivity

Linear reduction

Jarvis March Algorithm

Lowest-then-leftmost point as O

Lifting transform

Try to implement some geometrical algorithms

Graham Scan

1. Presorting

LTL point, rotate the second extreme point

Store all point in sorted angle in two stacks, 1 extreme, the order to do…

Read this post… carefully

<https://medium.com/generative-design/working-with-geometry-in-python-a256de7bb1b1>