VORONOI DIAGRAMS

Let S be a set of points in the plane, called "sites".

For any site p, the **VORONOI REGION** $\text{Vor}(p)$ is the set of points that are at least as close to p as to any other site.

The **VORONOI DIAGRAM** is $\text{Vor}(S)$, the collection of all boundaries of the Voronoi regions. This consists of **VORONOI EDGES** and **VORONOI VERTICES**.