

# Voronoi Diagram

Sorted Sets

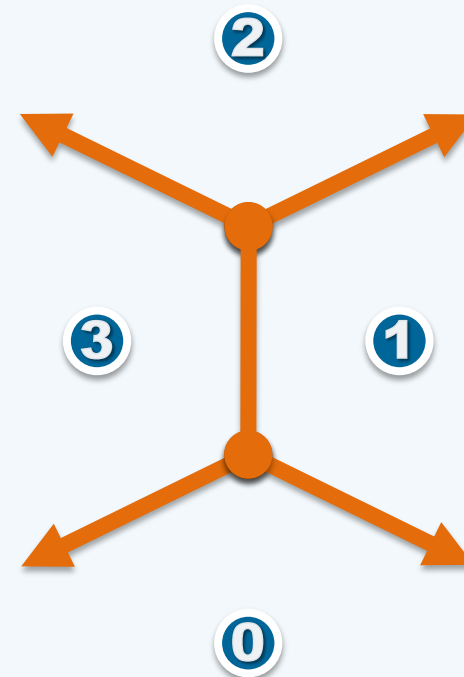
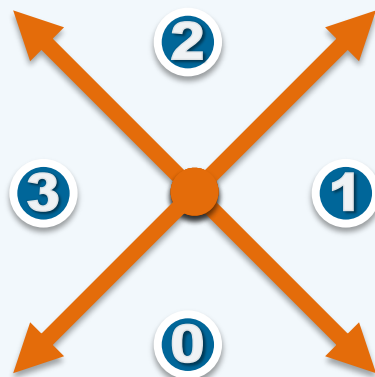
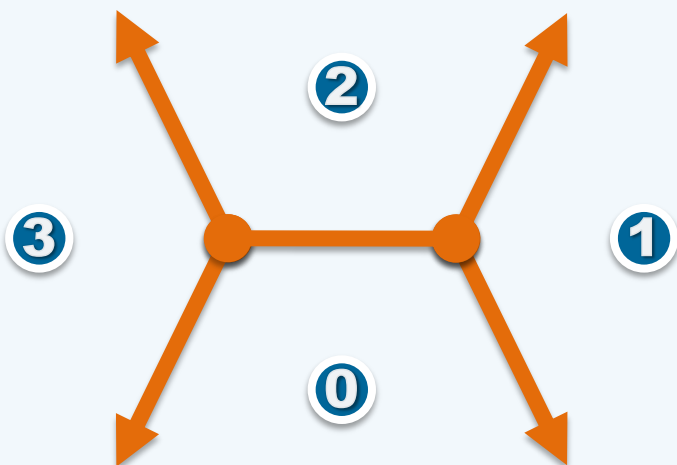
- VD As A Geometric Structure

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❖ The reason behind is that

- CH is **topologically unchangeable** under affine transforms, while
- VD is **NOT**



❖ The following statements are equivalent:

- $x$  is an extreme point of  $S$
- $x$  is the closest site

from a point at infinity

- $\text{Cell}(x)$  is unbounded

