

# Voronoi Diagram

$VD_{\text{sorted}}$

- Lifting

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❖ For each set of

$n$  reals  $x_1, \dots, x_n$

and

$\varepsilon > 0$

a planar sorted sequence

is induced:

$$S = \left\{ p_i = \left( x_i, \left\lceil \frac{i}{n} \varepsilon \right\rceil \right) \right\}$$

$i = 1, \dots, n$

