

# Voronoi Diagram

$VD_{\text{sorted}}$

- Sorting Not Made Easier By VD

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- ❖ The interesting opposite question asks that ...
- ❖ Does  $VD(S)$  help to sort sites in  $S$  by, say, the  $y$ -coordinate?
- ❖ A negative answer to this question was given by ...
- ❖ [Seidel, 1985]

With  $VD(S)$ , it still takes  $\Omega(n \log n)$  time to sort all sites in  $S$