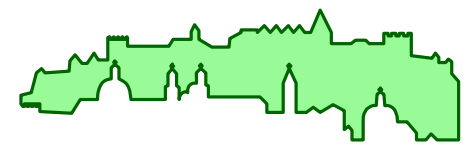


Weighted Voronoi Diagrams

in the L_∞ -Norm

Günther Eder and Martin Held

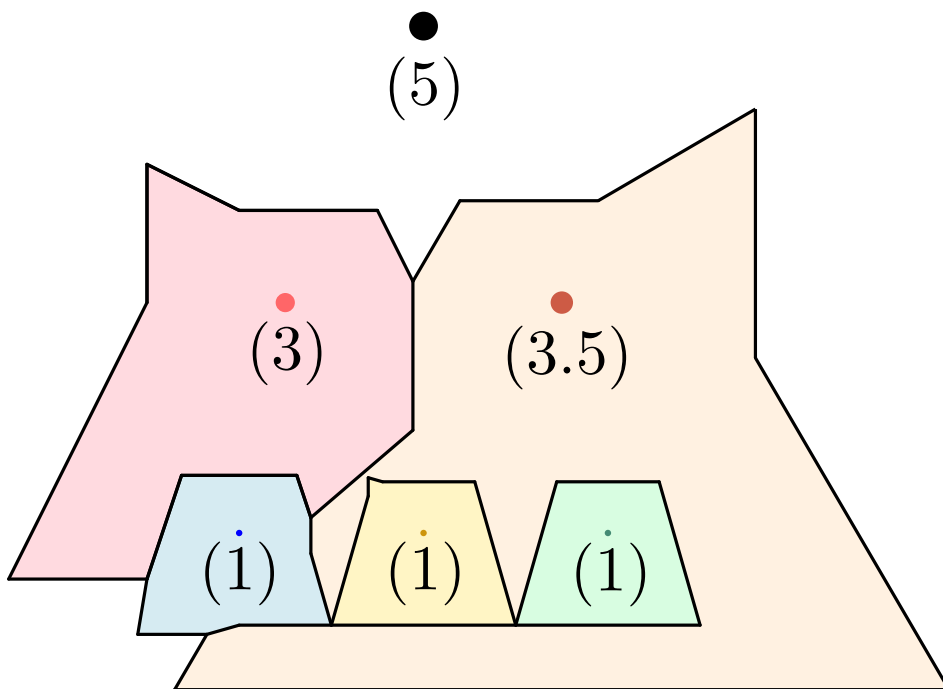


UNIVERSITÄT SALZBURG
Computational Geometry and Applications Lab

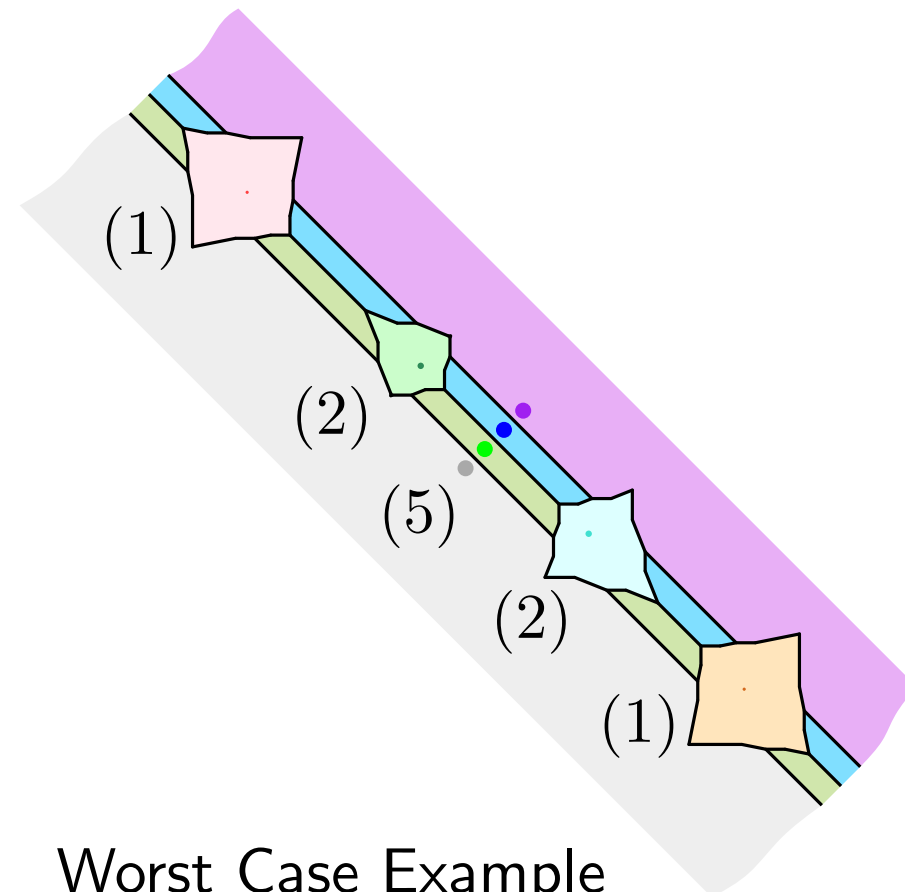
Tuesday,
11:00 – 11:15

- Planar Straight Line Graph
- Incremental Construction

- Comb. Complexity $\Theta(n^2)$
- Algorithm Runtime $\mathcal{O}(n^2 \log n)$



\mathcal{V}^∞ – Example



Worst Case Example