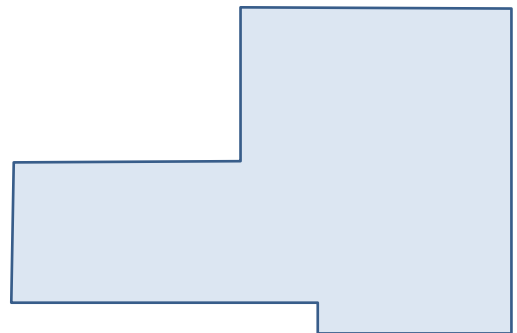
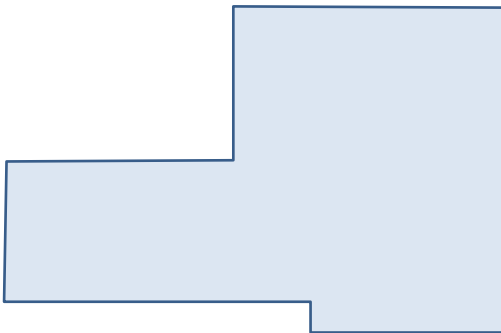


Exercises for Spatial Databases and GIS

Sheet 4 (until 28.11.2014)

Exercise 1 (Label Placement within Polygons)

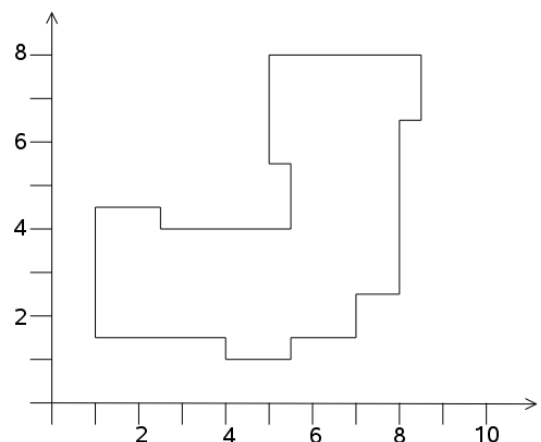
- Determine a baseline for label placement within the given polygon using
 - the Schoppmeyer/Heisser procedure
 - the Petzold/Plümer procedure



- Give an example of a polygon whose Voronoi skeleton isn't connected.

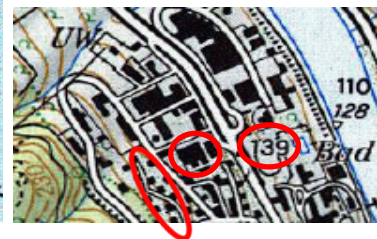
Exercise 2 (Generalization of buildings)

- Generalize the building given below using the Douglas/Peucker algorithm.
- Can you think of a strategy for building generalization that guarantees the preservation of right angles?



Exercise 3 (Basic Generalization Operations)

1. Which basic generalization operation was used in the marked areas?



2. Give examples for all eight basic generalization operations

