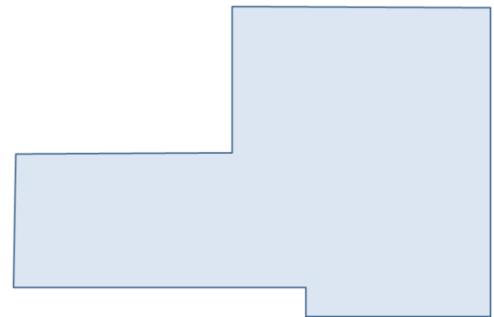
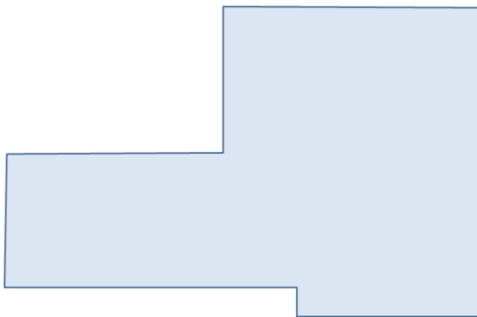


Exercises for Spatial Databases and GIS

Sheet 4 (until 30.11.2012 !)

Exercise 1 (Label Placement within Polygons)

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



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

Exercise 2 (Overlay Operations)

Which geometry type(s) does the result of the following operations have?

1. Intersection of two polygons
2. Intersection of a line and a polygon
3. Intersection of a point and a line
4. Subtraction of a polygon from a polygon
5. Union of two polygons
6. Union of two lines