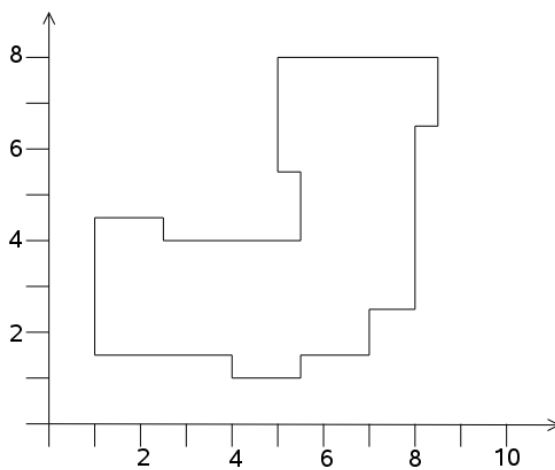


## Exercises for Spatial Databases and GIS

### Sheet 3 (until 16.11.2011)

#### Exercise 2 (Generalization of buildings)

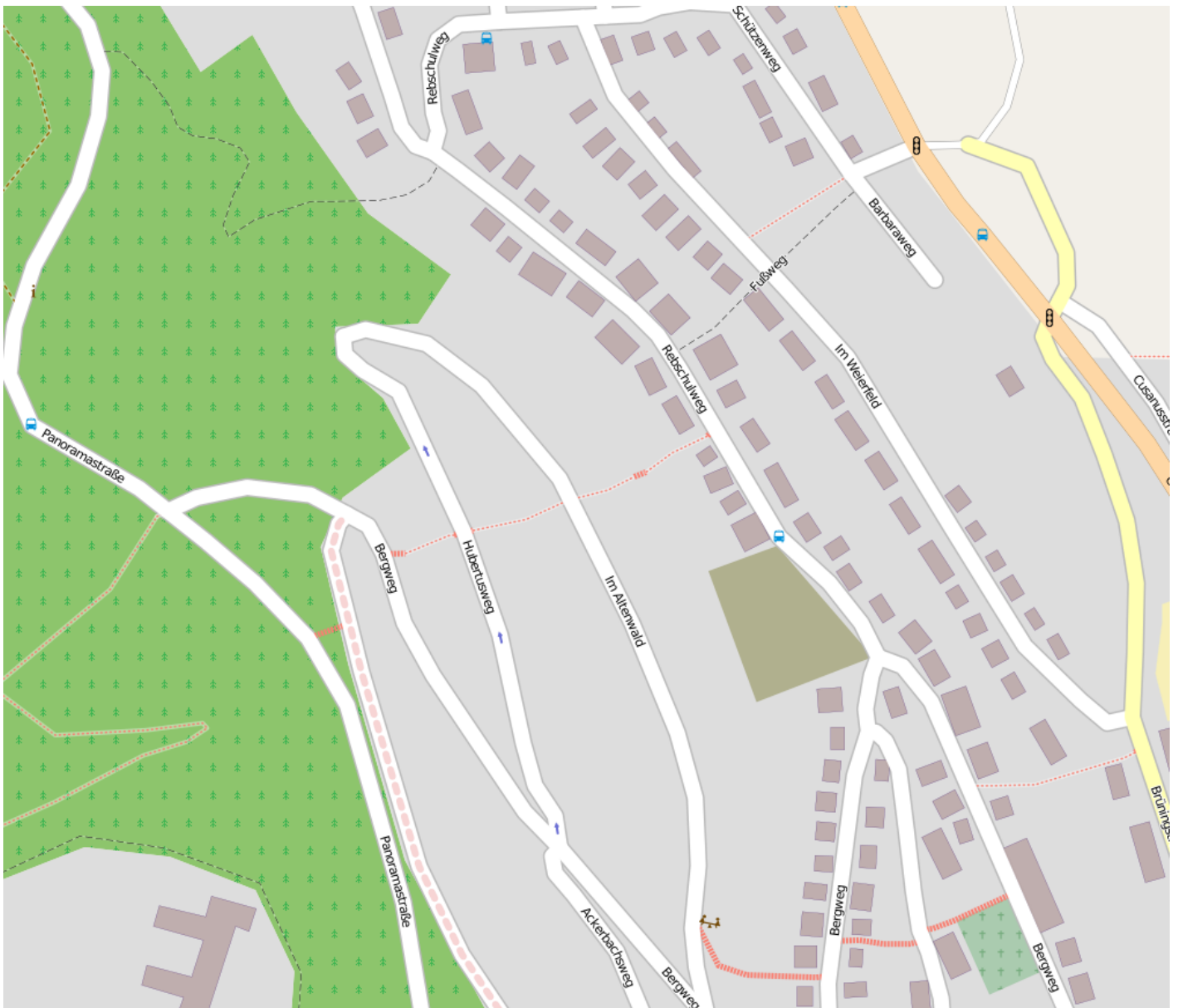
1. Generalize the building given below using the Douglas/Peucker algorithm.



2. Can you think of a strategy for building generalization that guarantees the preservation of right angles?

### Exercise 3 (Generalization Operations)

- Which generalization operations have been applied to transform the map below to the one to the right?  
Is it an appropriate generalization?



2. Which generalization operations would you apply, if you want to present the big map below in a smaller size, like the one to the right?

