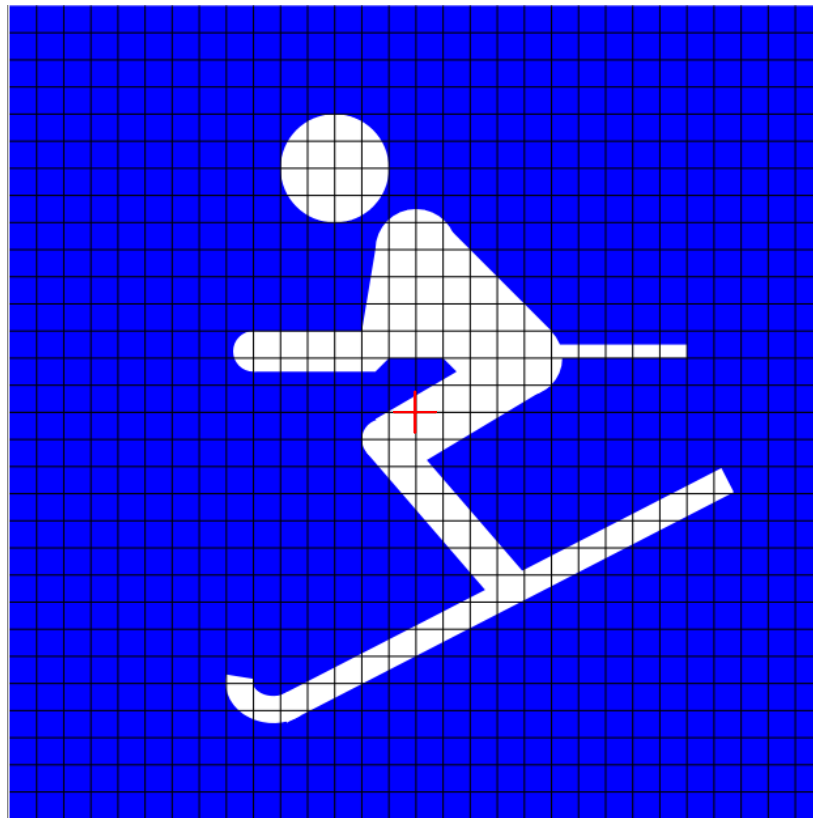


Exercises for Spatial Databases and GIS

Sheet 7 (until 08.01.2010)

Exercise 1 (SVG)

Implement the signature “ski school” as a group of SVG-commands. The grid width is 2 and the red cross is not a part of the signature, it marks the origin of the grid.



Exercise 2 (BSP tree)

Each river shown in the picture on the next page should be stored as one object.

1. What problems arise if you want to use a r- tree to index them? Which variant is the most suitable?
2. And if you want to use a BSP tree? Can you think of an approximation which might simplify the construction of the tree or improve its structure?

