

Konstanz, 21.10.2024

## **Practical Assignment 3**

### **„Computational Geometry WS2024/25“**

**Deadline 16.12.2024**

#### **2d-Trees**

1. Implement an interactive construction of a 2d-tree of a set of points in the plane and visualize the resulting partition.
2. Implement an interactive range search for a rectangular query range based on the 2d-tree and visualize the range search result.