

Department of Computer Science Institute for optical Systems Prof. Dr. G. Umlauf

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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.