

Geometric Range Search

Range Tree: Optimization

- Idea

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❖ So the idea for an improvement is that
we merge all the different lists
into a single massive list

∴ Thus, to answer a planar query, we can

- do a global search in this listin O(logn) time, and then
- use the information about the location of the key to answer each of the remaining y-queries in O(1) time

