

Geometric Range Search

BBST

- Structure

Junhui DENG

deng@tsinghua.edu.cn

- ❖ For each v , $v.\text{key} = \max\{ u.\text{key} \mid u \in \text{L-Tree}(v) \} = v.\text{pred()}.key$
- ❖ For each u in $\boxed{\text{L}}/\boxed{\text{R}}\text{-Tree}(v)$, $x(u) \boxed{\leq}/\boxed{>} x(v)$
- ❖ $\text{search}(x)$: returns the maximum key not greater than x

