Ordered Collection ADT: Search Trees

Conceptual view \( \langle a, a, f, g, r, t, v, w, y \rangle \)

Methods

- Iteration is sorted

Most data structures for ordered collections

- Add, locate/search, remove
- Min in ex \( a \)
- Max in ex \( y \)
- Successor in ex successor\((k)\) is \( R \)
- Predecessor in ex predecessor\((k)\) is \( g \)

Support these in logarithmic time