Reminder V

- Partially ordered set $(S, \leq)$, left complete tree
- Priority tree — organize partially ordered information
  any algorithm ⟵ searching / removing / inserting ?
- Counting binary trees, counting labeled trees, with n vertices.
- Spanning tree (undirected or arborescence)
- tree edge / vertex, non-tree edge / vertex.
  frontier edge $\mathrm{Front}(G, T)$ when $T \subset G$.
- Algorithm for growing a tree, discovery number
  ⟹ ordered tree.
- Skip edge, cross edge.
  ↑ one endpoint an ancestor
  ↖ no endpoint an ancestor