

Point Location

Limited Node Copying

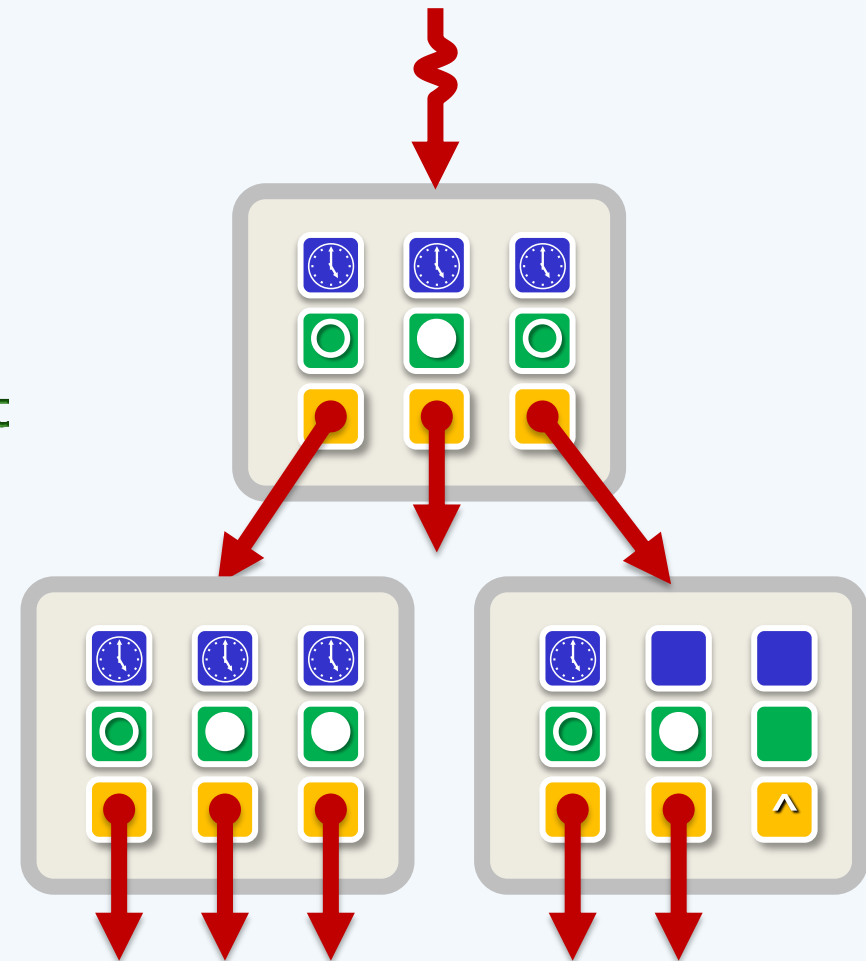
- Complexity

Junhui DENG

deng@tsinghua.edu.cn

Proliferation

❖ The copying may proliferate thru
its ancestors until
the root or a node with a free slot
is reached



Sarnak & Tarjan, 1986

- ❖ Using limited node copying,
a point location query of a subdivision
can be answered
- in $O(\log n)$ time
 - using $O(n)$ space,
 - after a preprocessing
of $O(n \log n)$ time

