

## **Point Location**

Node Copying

- Linear Space

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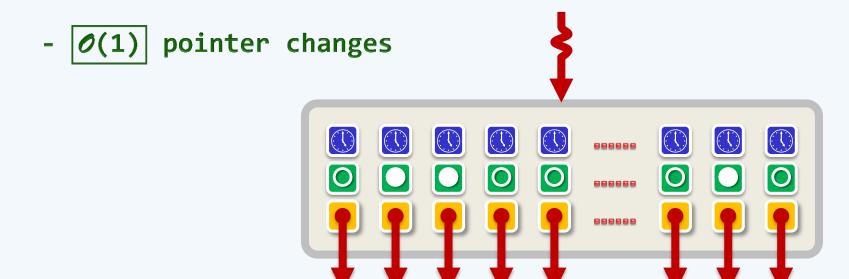
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## **⊘**(1) For Each Update

❖ With the node-copying approach,

each insertion/deletion takes only O(1) space:

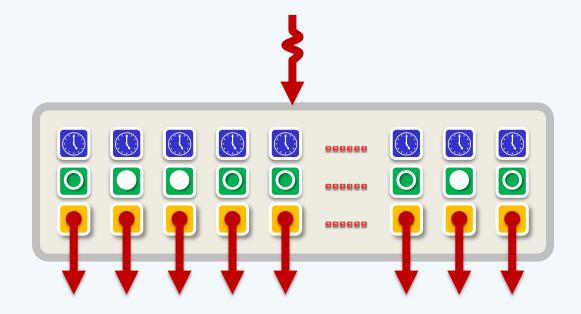
- at most one node and, as just mentioned above,



## O(n) As A Whole

- **❖** Ву
  - allowing node to become arbitrarily "fat" and
  - using time stamps,

we can store all slabs in a PPS of linear size



## Drawback

❖ Each query/update now takes more time ...

