

Point Location

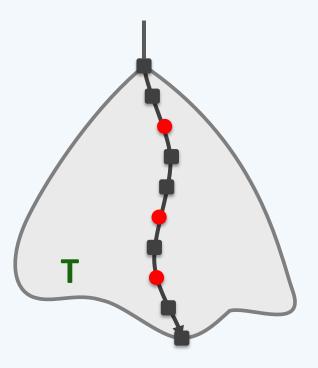
Limited Node Copying

- Recoloring

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- ❖ For Red-Black trees, it's true that
 - each insertion/removal
 causes only O(1) rotation, but
 - there would be $\Omega(\mbox{logn}) \mbox{ nodes being recolored}$
- * How to distinct such nodes
 between consecutive versions?



- ❖ In fact, it's not necessary to do this because
 - the node colors are used
 only for update, but
 - for a partially persistent structure
 only the current/last version
 can be updated

