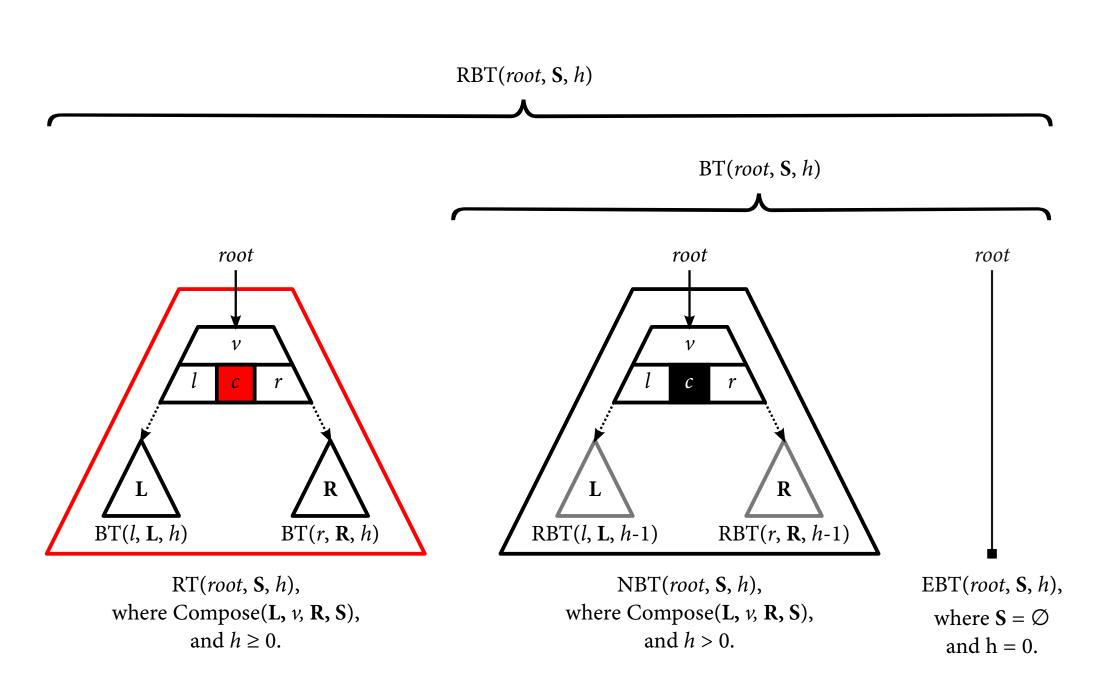


RBT predicates.



Compose(L, v, R, S)

 $L \cup \{v\} \cup R = S \land$

 $\forall l \in L. l < v \land$

 $\forall r \in \mathbf{R}. \ v < r.$

