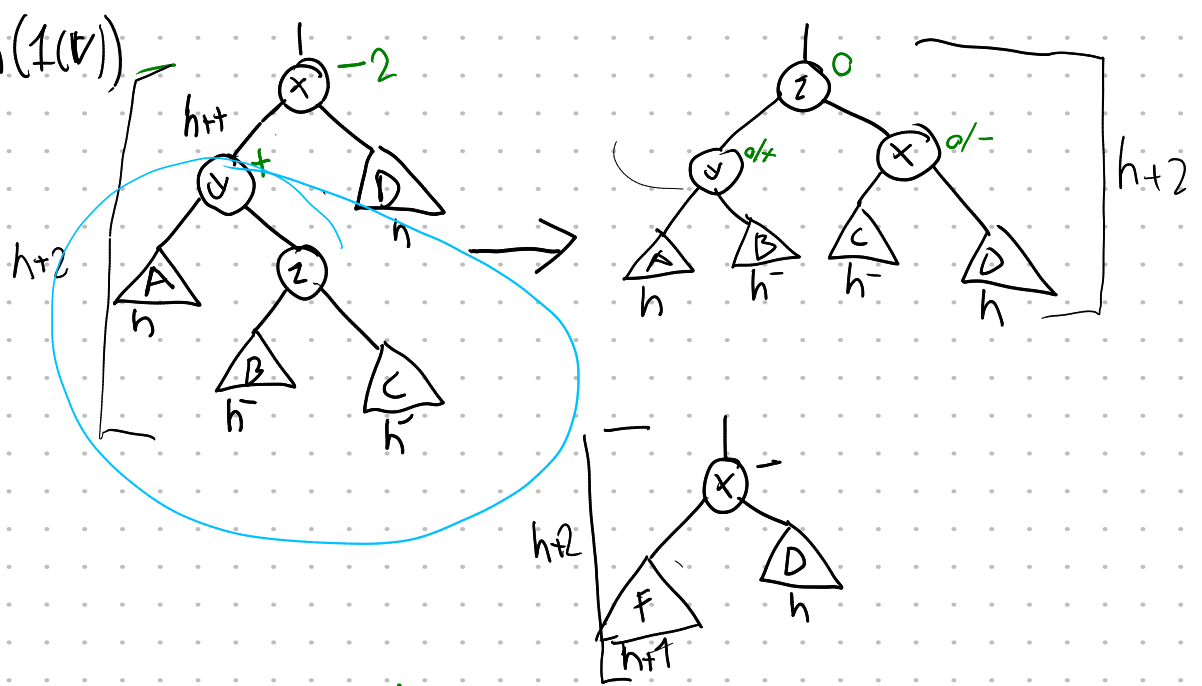
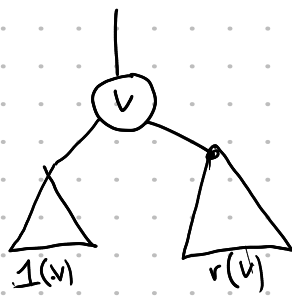


$$h(r(v)) - h(l(v))$$



hloubková vyváženost

AVL:  $\forall v : |h(l(v)) - h(r(v))| \leq 1$

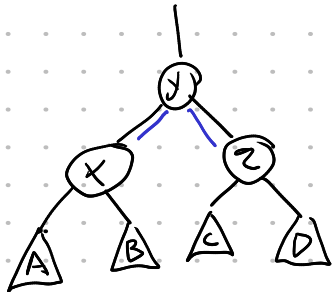
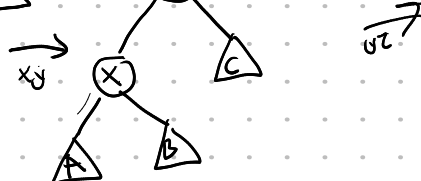
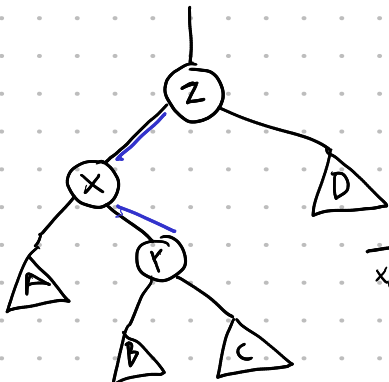
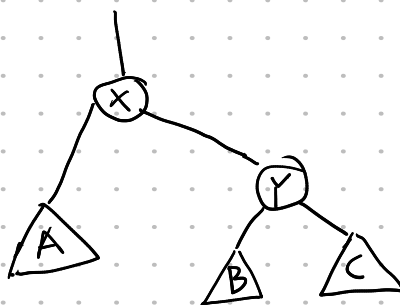
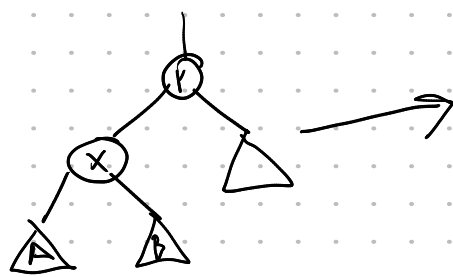
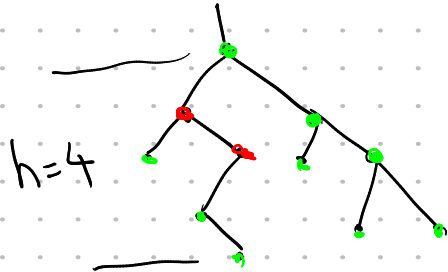


$h(r(v)) - h(l(v))$

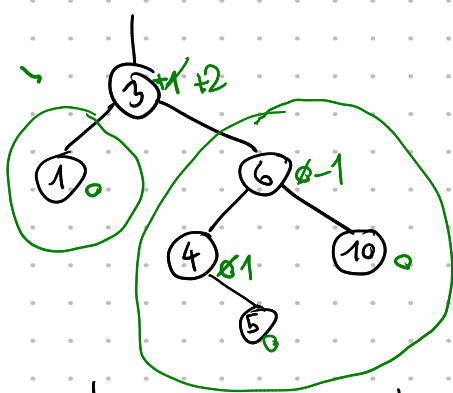
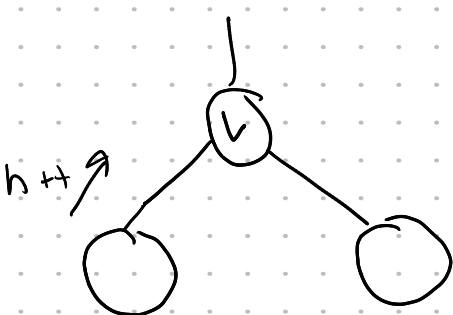
$h(r(v)) = h(l(v)) + 1$

$h(r(v)) = h(l(v)) - 1$

$h(r(v)) = h(l(v)) + 0$



$h(r(v)) - h(l(v)) \in \begin{cases} +1 \\ 0 \\ -1 \end{cases}$



- 1)  $+ \rightarrow 0$ , NEPROPAGUJE
- 2)  $0 \rightarrow -1$ , PROPAGUJE
- 3)  $- \rightarrow -2$

