

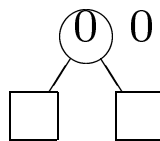
Aufbau eines AVL-Baumes

Hinweis: Die Balancewerte werden jeweils nur korrekt wiedergegeben bis zum ersten Knoten von unten, dessen Balancewert außerhalb des zulässigen Bereiches $\{-1, 0, 1\}$ ist.

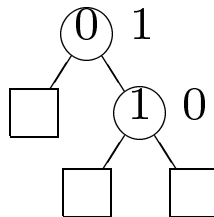
Leerer AVL-Baum:



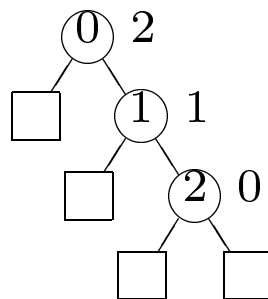
Einfügen von 0:



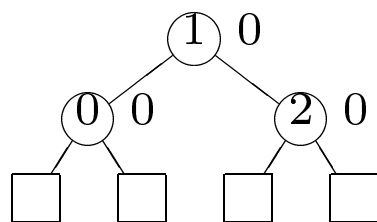
Einfügen von 1:



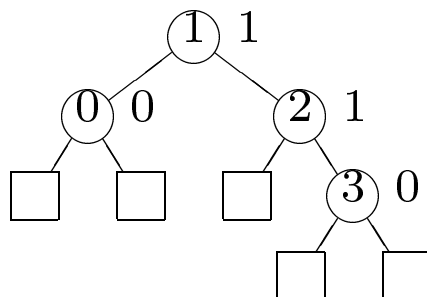
Einfügen von 2:



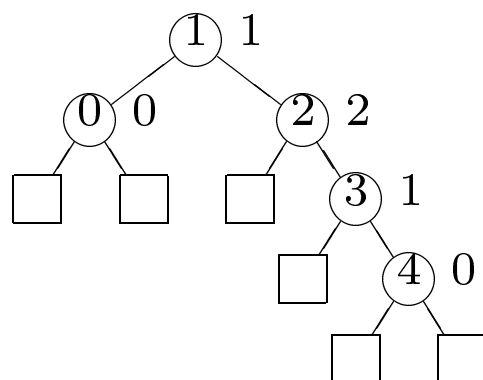
Rotiere links in 0:



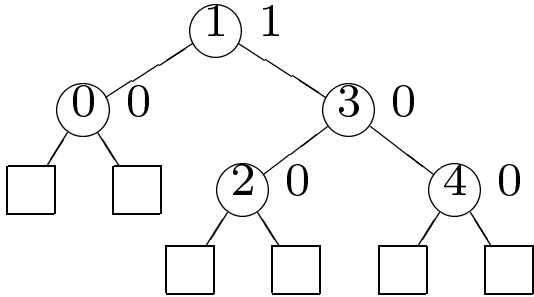
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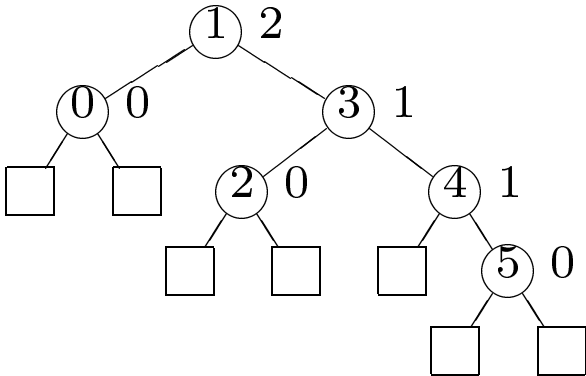
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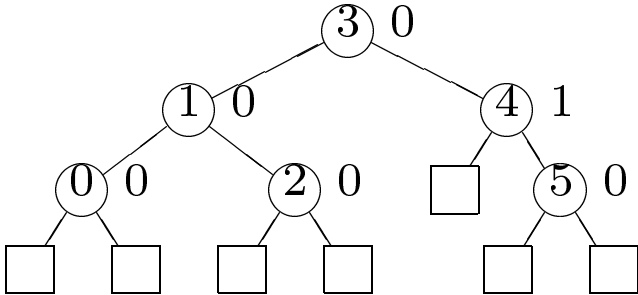
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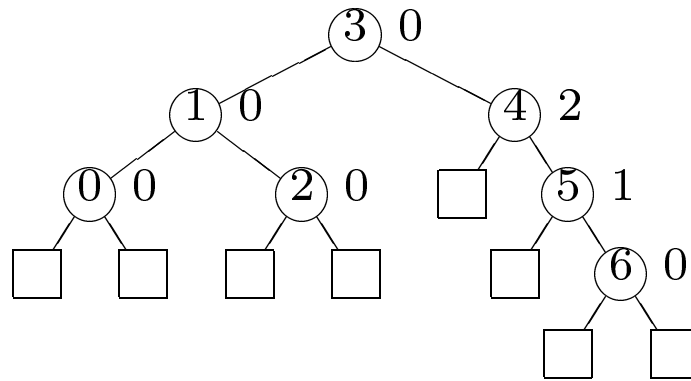
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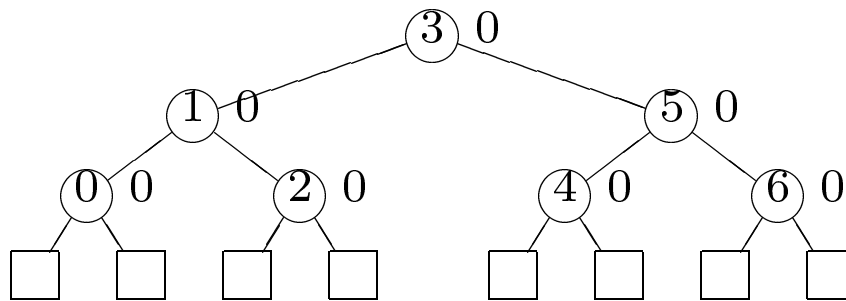
Rotiere links in 1:



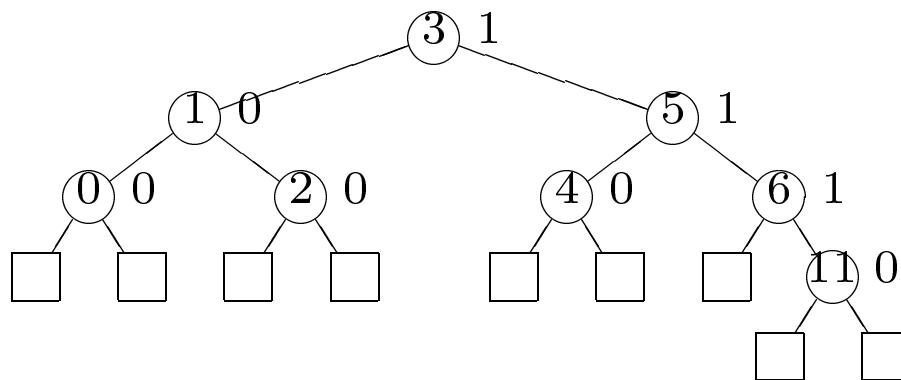
Einfügen von 6:



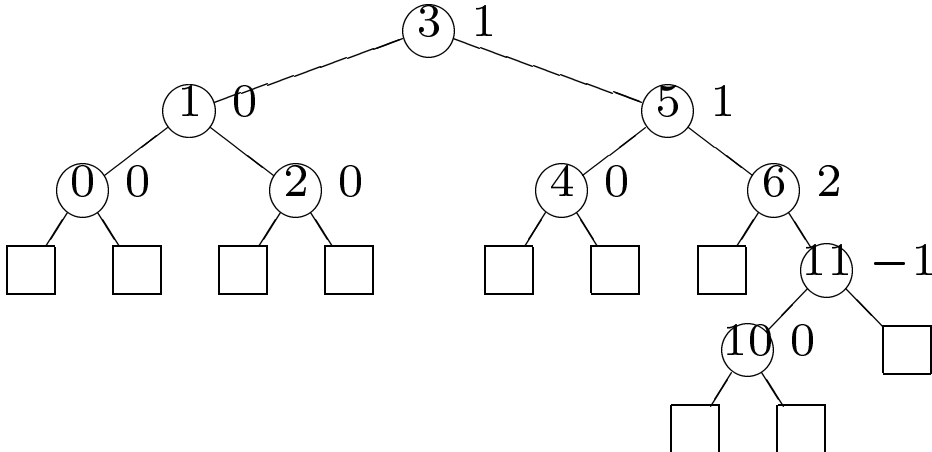
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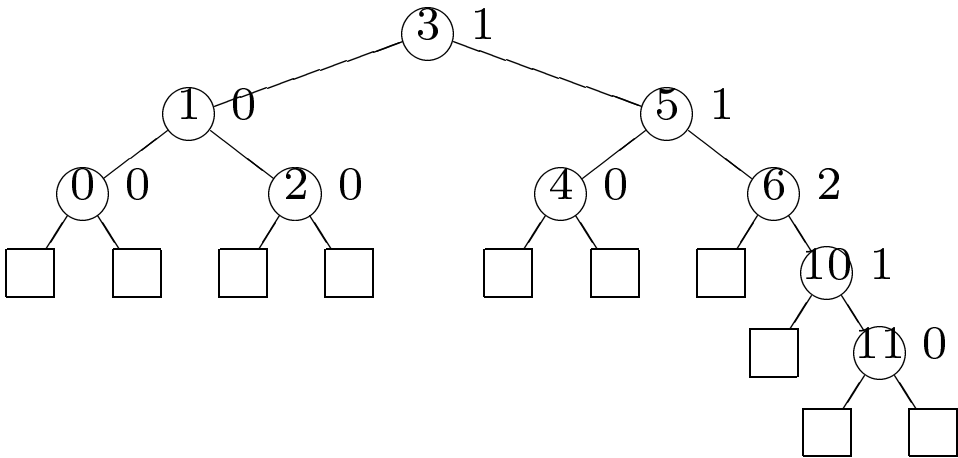
Einfügen von 11:



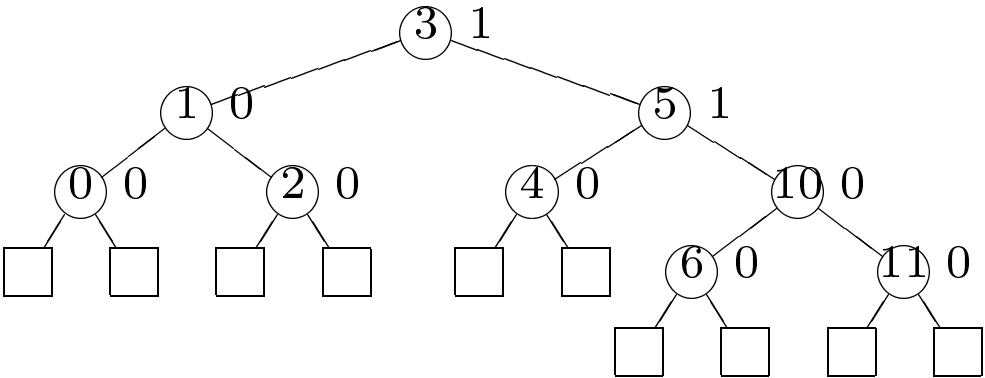
Einfügen von 10:



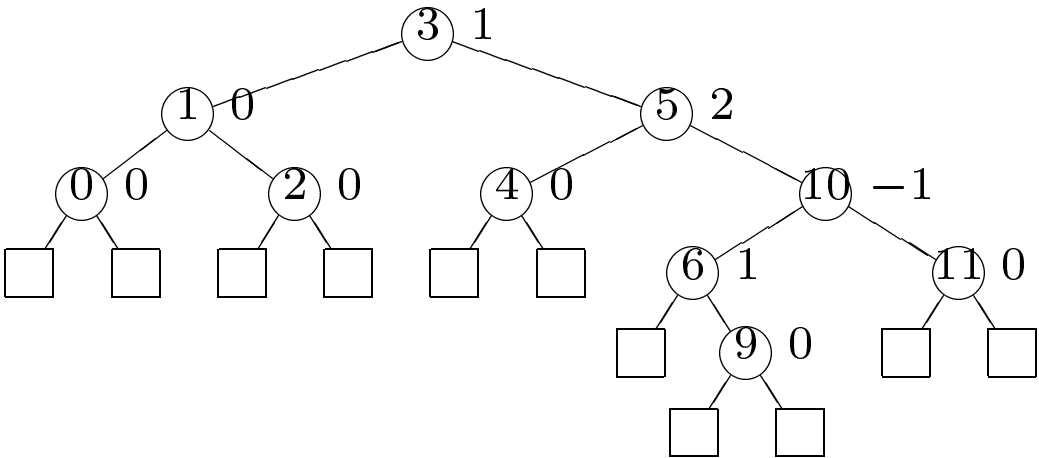
Rotiere rechts in 11:



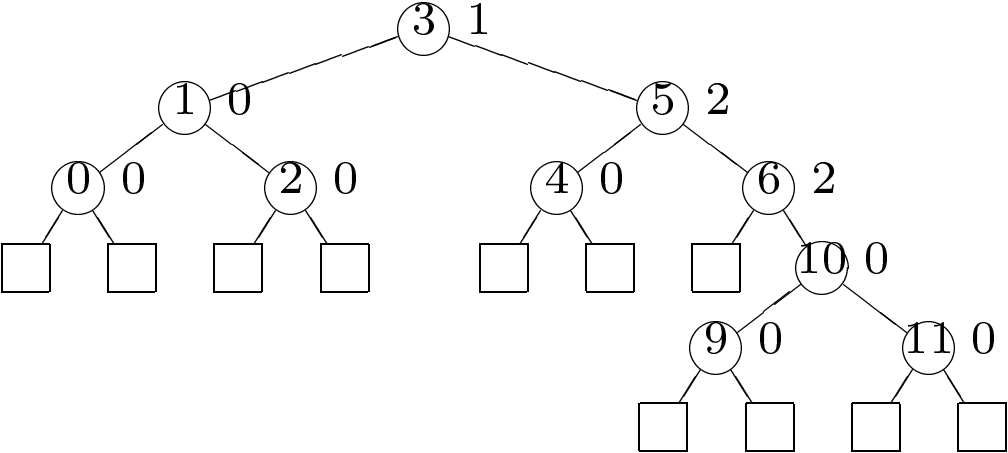
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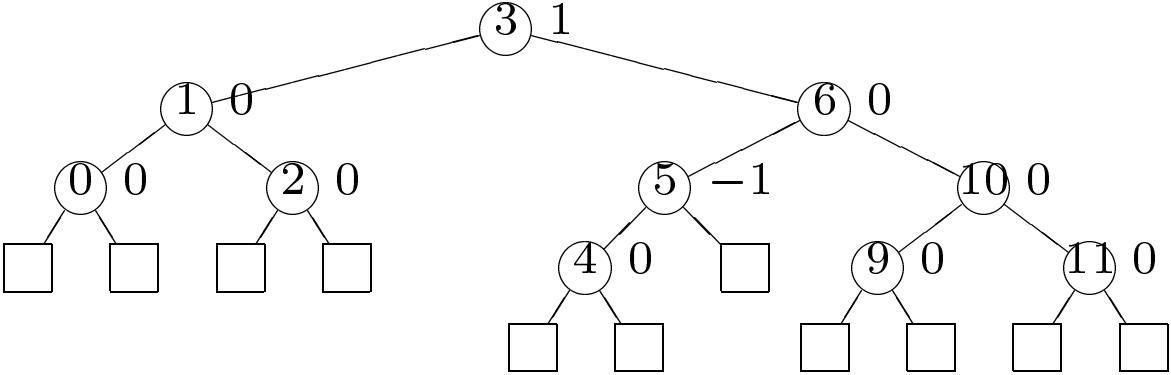
Einfügen von 9:



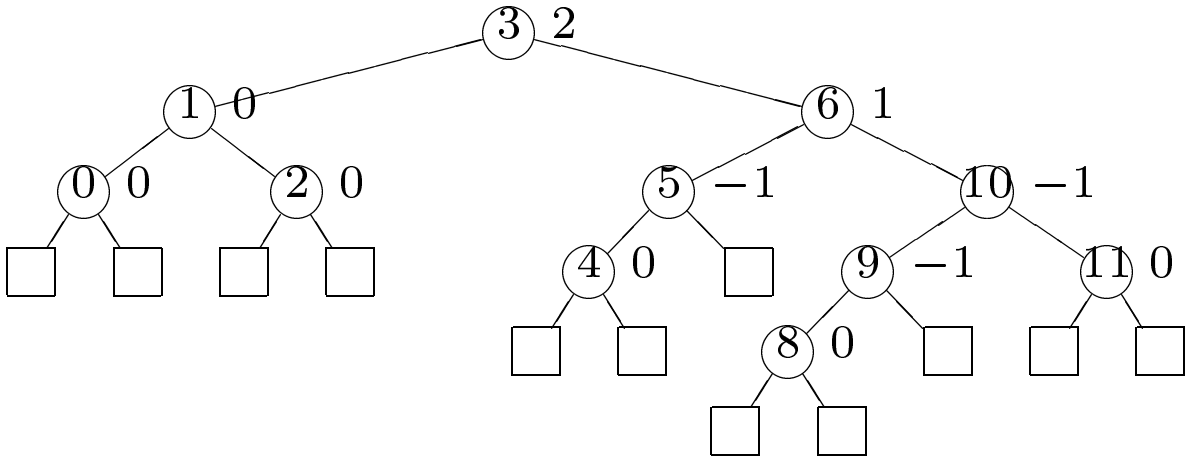
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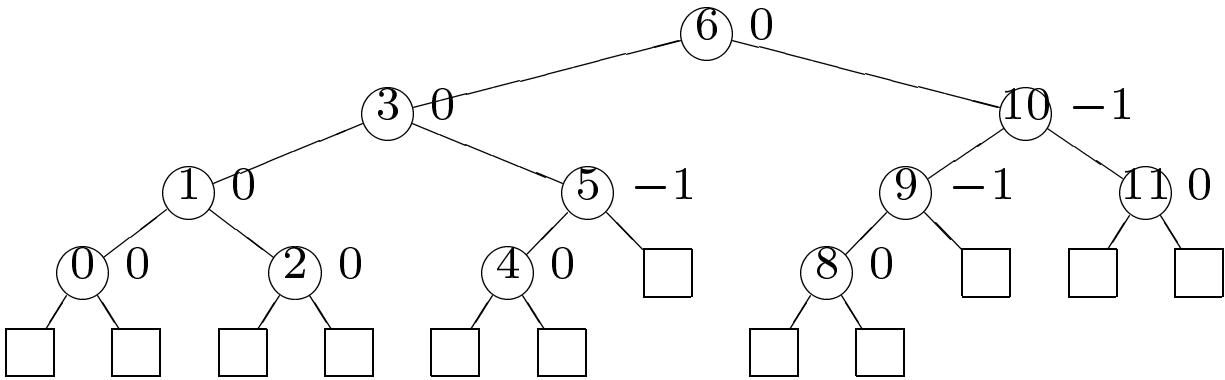
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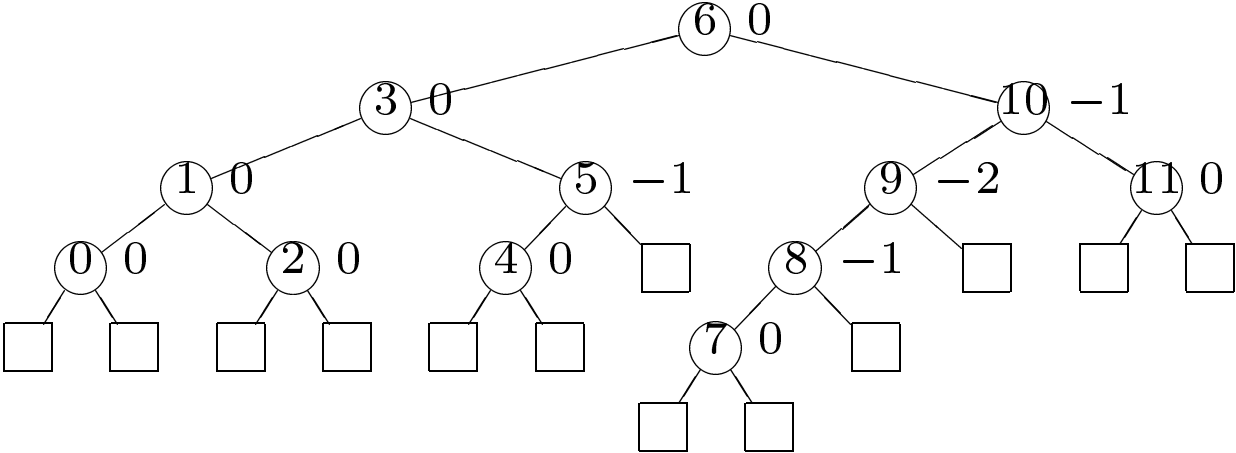
Einfügen von 8:



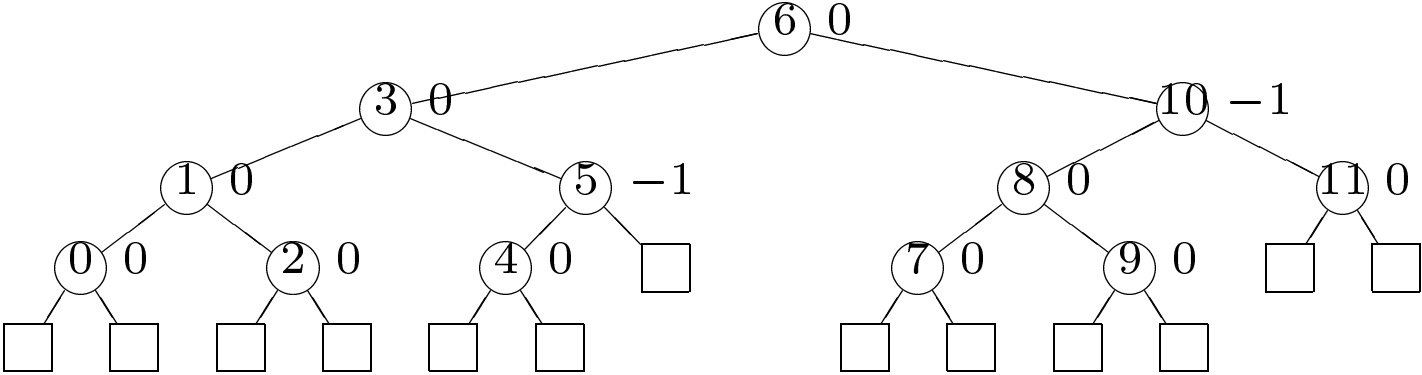
Rotiere links in 3:



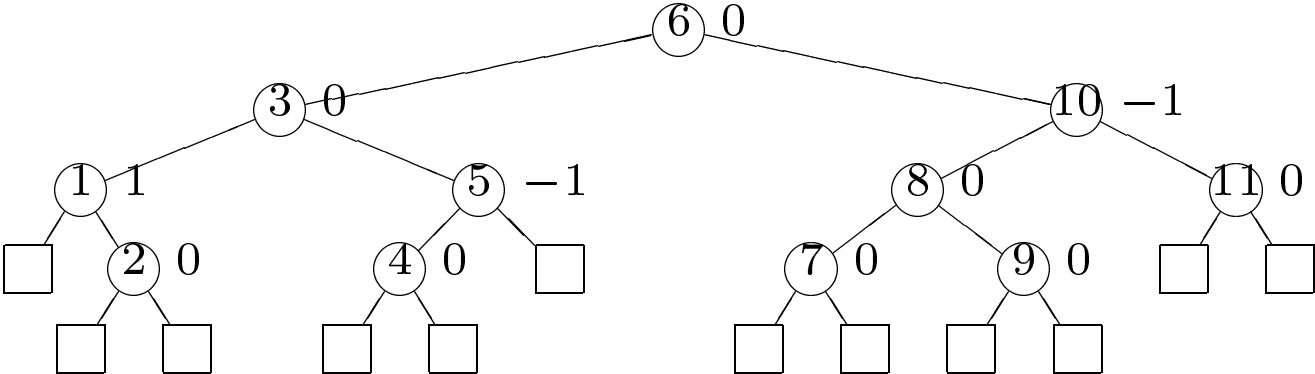
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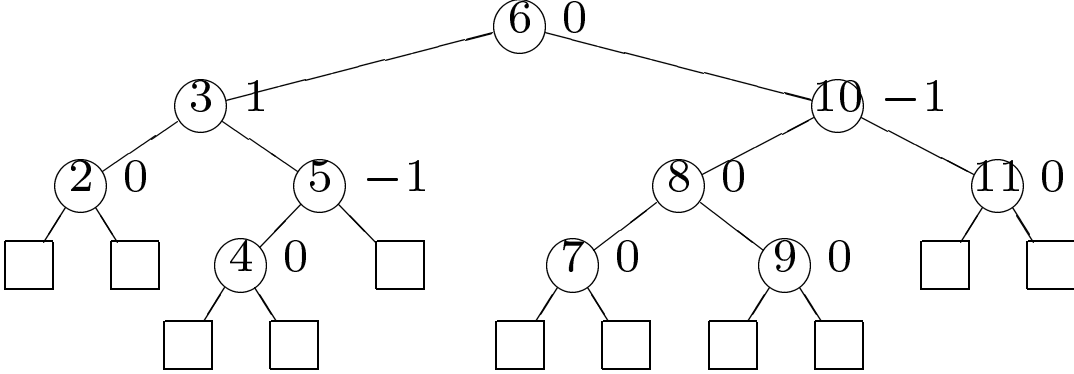
Rotiere rechts in 9:



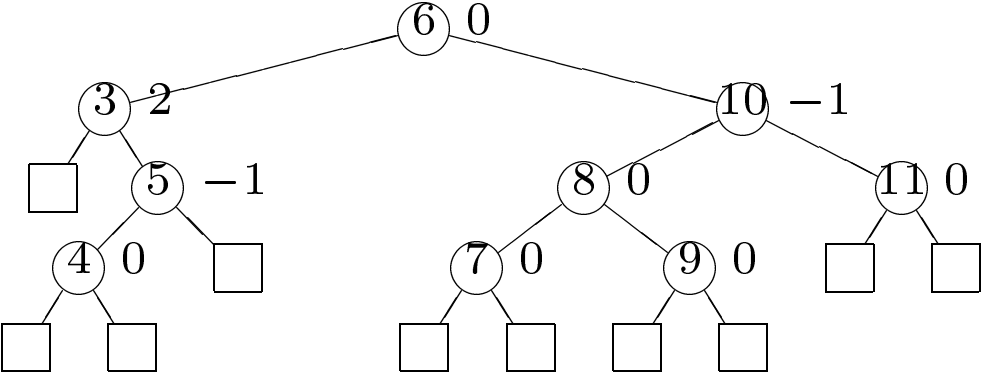
Entfernen von 0:



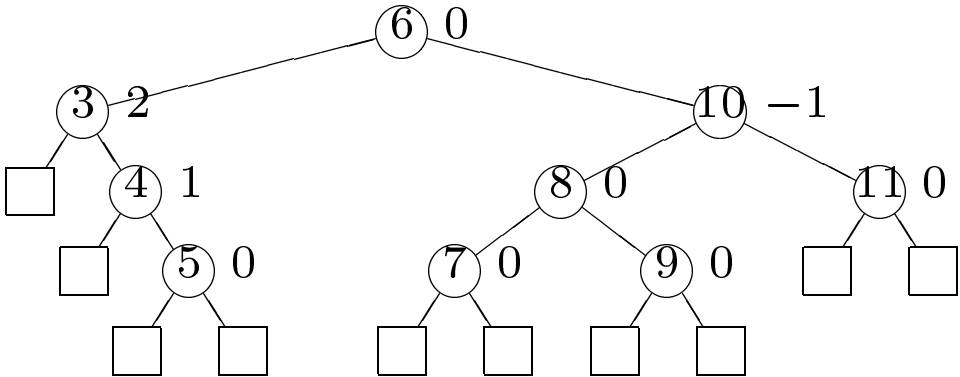
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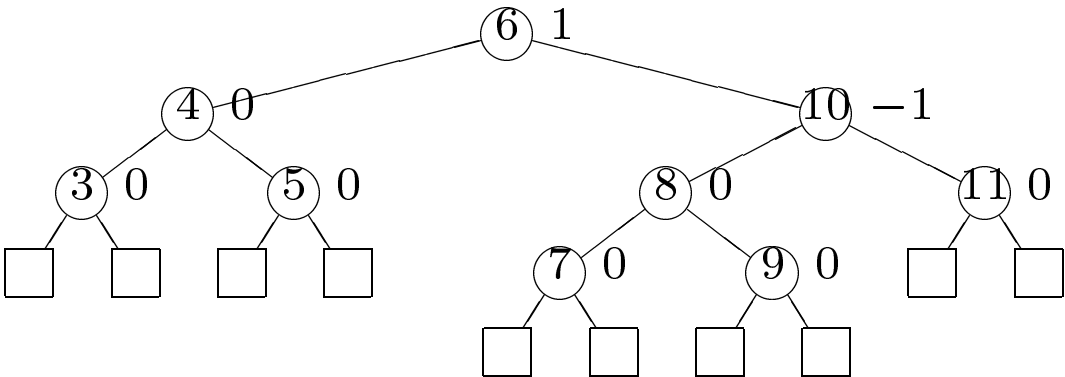
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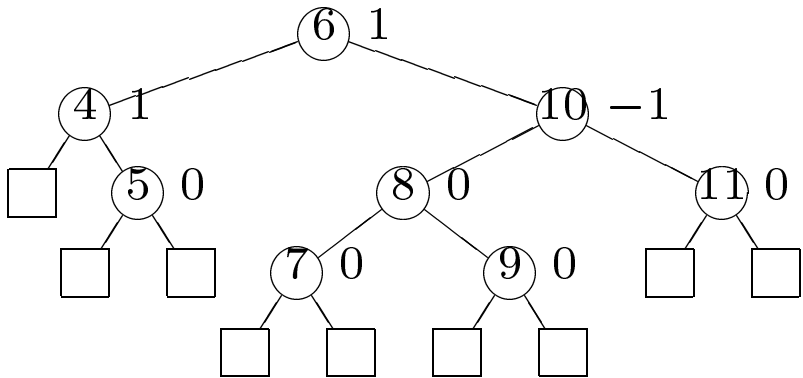
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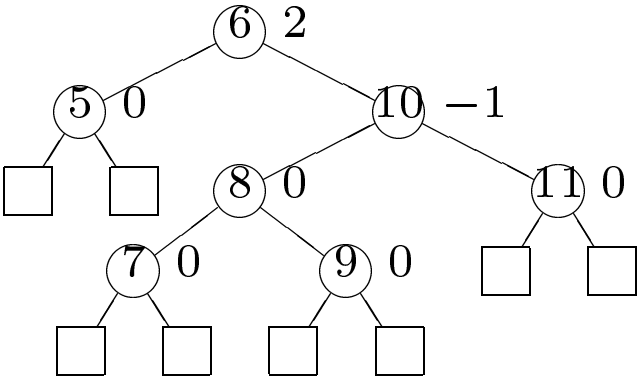
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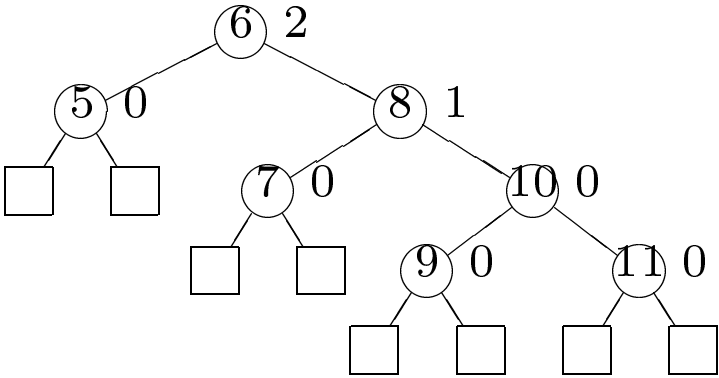
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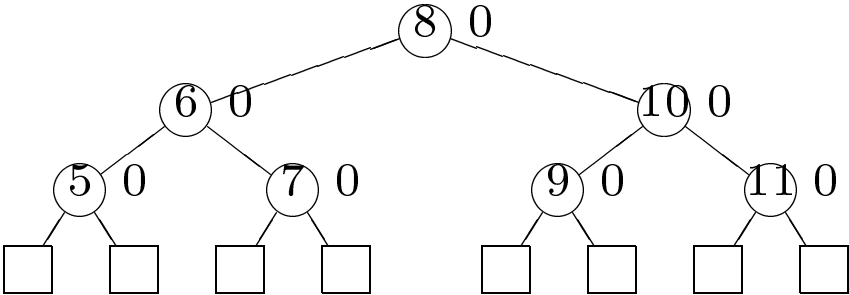
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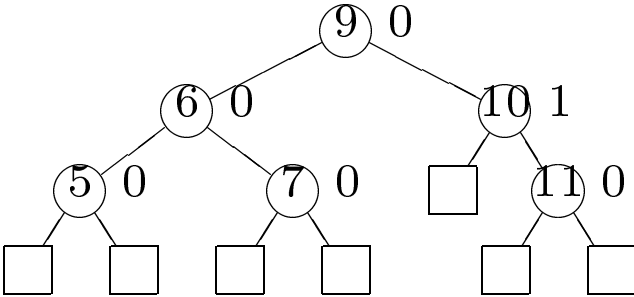
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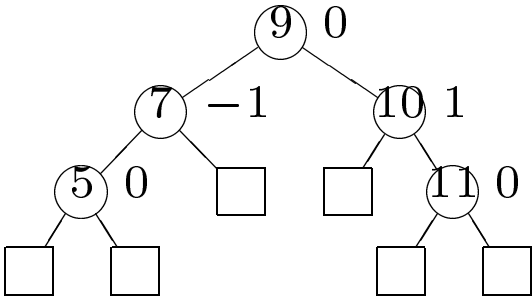
Rotiere links in 6:



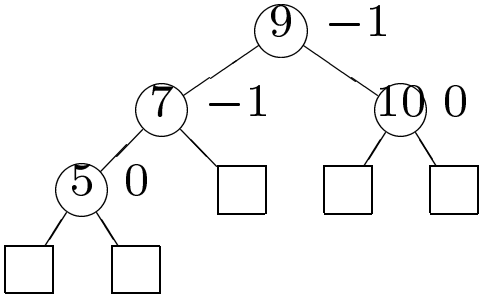
Entfernen von 8:



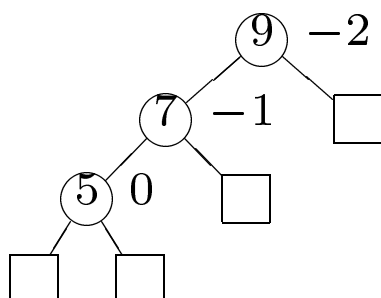
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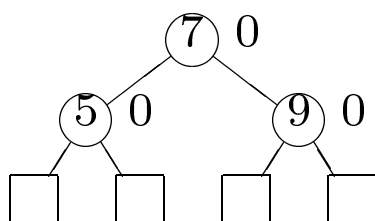
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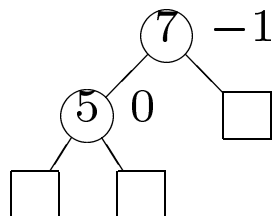
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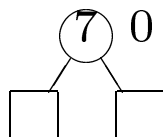
Rotiere rechts in 9:



Entfernen von 9:



Entfernen von 5:



Entfernen von 7:

