

PT - Übung Serie 21

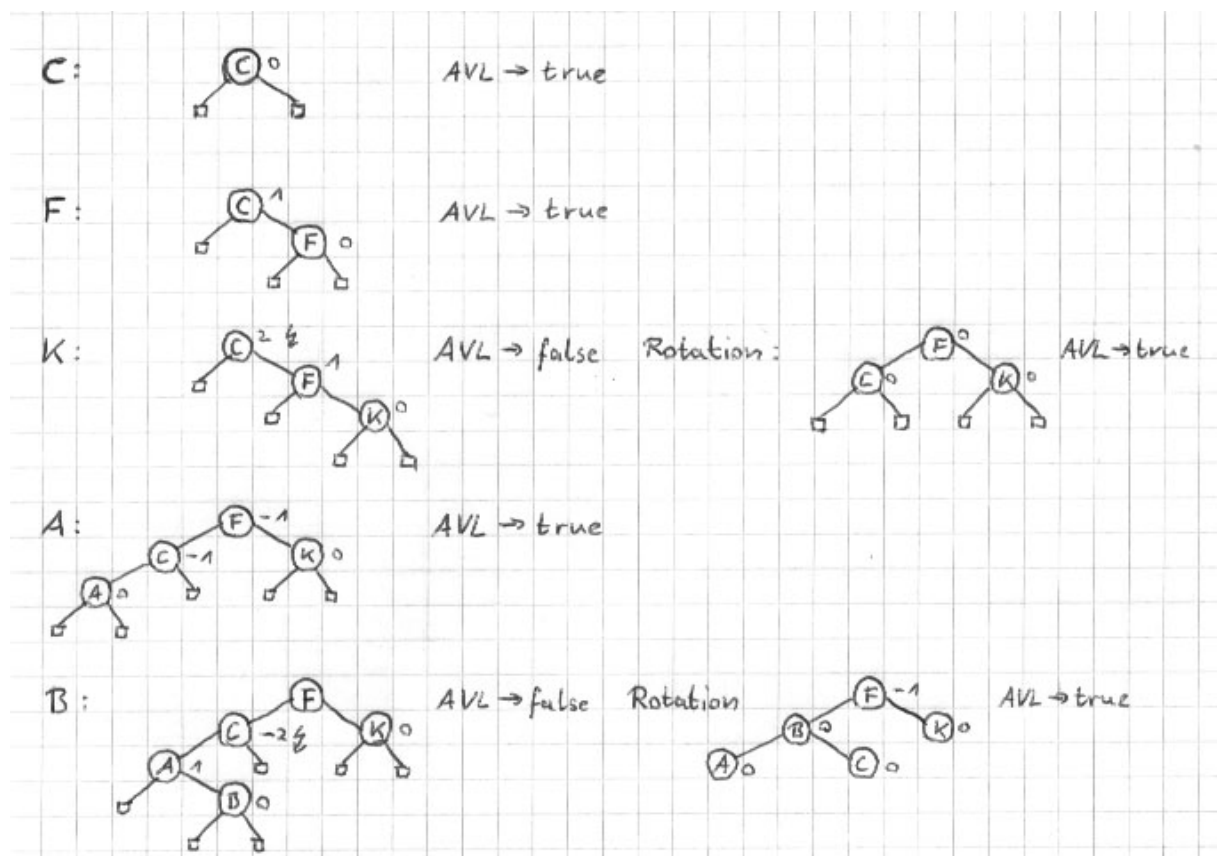
Aufgabe 1:

	insert 116	marke	insert 39	marke	insert 104	marke	insert 247	marke	insert 66	marke	insert 105	marke	delete 39	marke	insert 79	marke	insert 51	marke	delete 116	marke
0		F	39	B	39	B	39	B	39	B	39	B	39	E	79	B	79	B	79	B
1		F		F	104	B	104	B	104	B	104	B	104	B	104	B	104	B	104	B
2		F		F		F		F	66	B	66	B	66	B	66	B	66	B	66	B
3		F		F		F		F		F		F		F		F		F		F
4		F		F		F	247	B	247	B	247	B	247	B	247	B	247	B	247	B
5		F		F		F		F		F	105	B	105	B	105	B	105	B	105	B
6		F		F		F		F		F		F		F		F		F		F
7		F		F		F		F		F		F		F		F		F		F
8		F		F		F		F		F		F		F		F		F		F
9		F		F		F		F		F		F		F		F		F		F
10		F		F		F		F		F		F		F		F		F		F
11		F		F		F		F		F		F		F		F	51	B	51	B
12	116	B	116	B	116	B	116	B	116	B	116	B	116	B	116	B	116	B	116	E

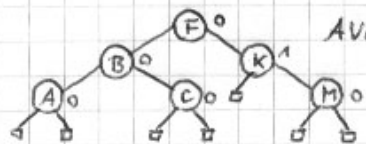
F = frei
B = belegt
E = entfernt

H1 : $h(k) = k \bmod 13$ H2 : $h(k) = [i/2]^2 * (-1)^i \rightarrow$ (quadratisches Sondieren)

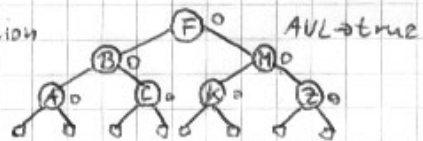
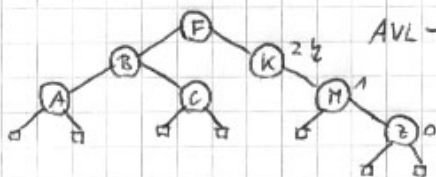
Aufgabe 2 :



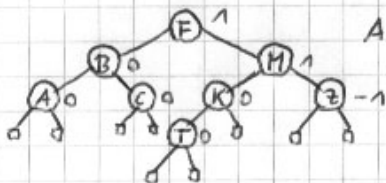
M: AVL \rightarrow true



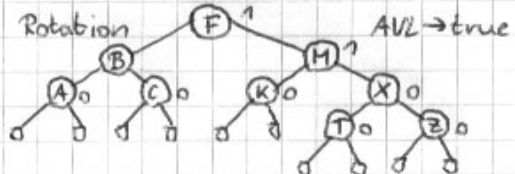
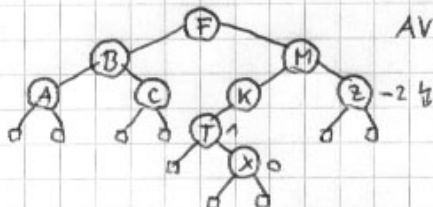
Z: AVL \rightarrow false Rotation



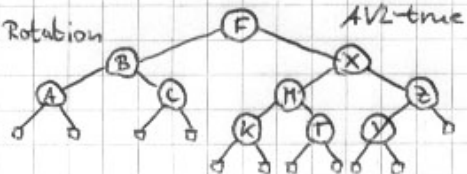
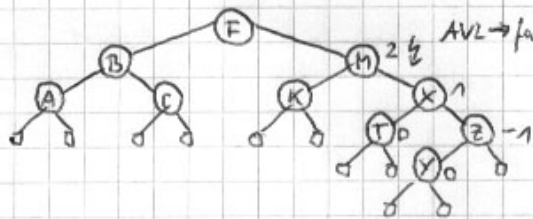
T: AVL \rightarrow true



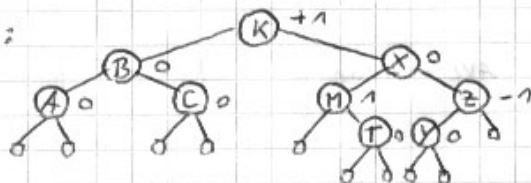
X: AVL \rightarrow false Rotation



Y: AVL \rightarrow false Rotation



Löschen F:



AVL \rightarrow true