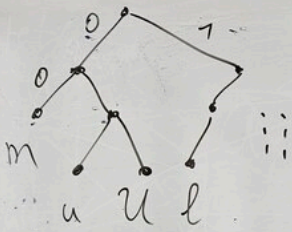


3.1



Bsp. Code nicht präfixfrei

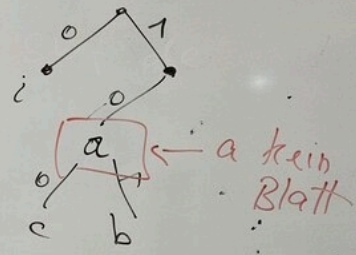
$$K'(a) = 10$$

$$K'(b) = 101$$

$$K'(c) = 100$$

$$\text{dec}(10, 10) \stackrel{?}{=} aa$$

$$\stackrel{?}{=} bi$$

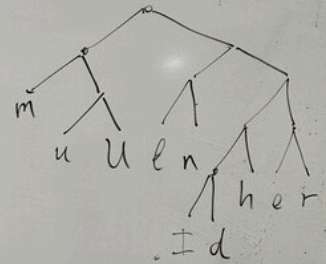


3.2

6	4	3	3	2	1	1	1	1	1
m	u	U	l	n	z	d	h	e	r
13	0		10	1					

$$\Sigma = 23$$

6	7	1	5	0	5	1		
4	3	1	3	2	3	0	1	2
2	0	1	1	1	1	1		
1	0	1						

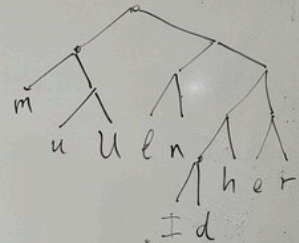


3.2

6	4	3	3	2	1	1	1	1	1
m	u	U	l	n	z	d	h	e	r
13	0		10	1					

$$\Sigma = 23$$

6	7	1	5	0	5	1		
4	3	1	3	2	3	0	1	2
2	0	1	1	1	1	1		
1	0	1						



3.5

$$0,2336 < x < 0,236$$

dual: $\frac{1}{2}$? nein $\frac{1}{8} + \frac{1}{16} = 0,1875 \Rightarrow 0,001111$

$\frac{1}{4}$? nein $+ \frac{1}{32} = 0,21875$

$\frac{1}{8}$? $= 0,125 \checkmark + \frac{1}{64} = 0,234375$

3.6] a b a b a b a

a b 256 258

256	ab
257	ba
258	aba

b a n e n a n b a n

b a n 257 e 258 n 256 a

b a n a n e n a n b a n

ba

256	ba
257	an
258	na
259	ane
260	en
261	nan
262	nb

263	ban
264	
265	

P3] a) b a b a a b a a a

b a 256 257 a 260

256	ba
7	ab
8	baa
9	aba
60	aa

c) b a b a a b a a

256	ba
7	ab
8	baa
9	aba
60	aa

d) a b 256 258

a b ab a b a

256	ab
7	ba
8	aba

ab+a