

1	2	$\sum (6+2)$

Blatt 8

(Abgabe am 14. December 2015)

Theoretical Assignment - *Suffix tree construction and application*

a - *Suffix tree construction*

i

If one uses the naive approach to construct the suffix tree of “CTAGTAGCAG”, the result would look like Figure 1.

ii

b - *Main data table of WOTD*

c - *Suffix tree application*

Theoretical Assignment - *Runtime and space complexity of suffix trees*

a

b

c

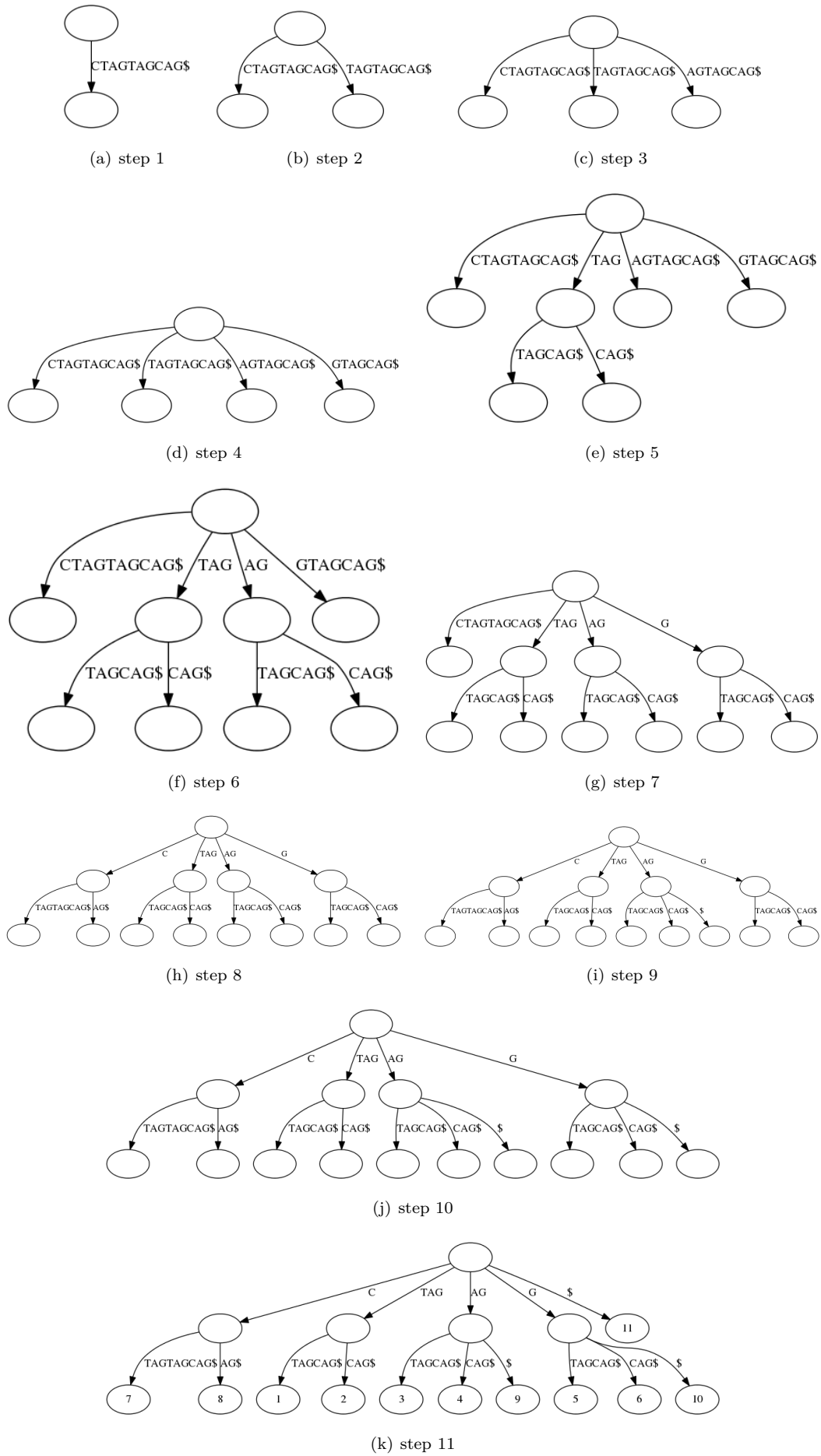


Figure 1: All steps of the naive implementation of suffix tree construction for the string “CTAGTAGCAG”.