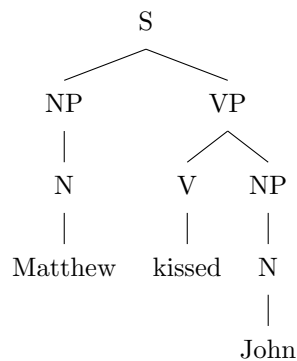# Examples

DOzernyi

for LSA templates website

1 Tress

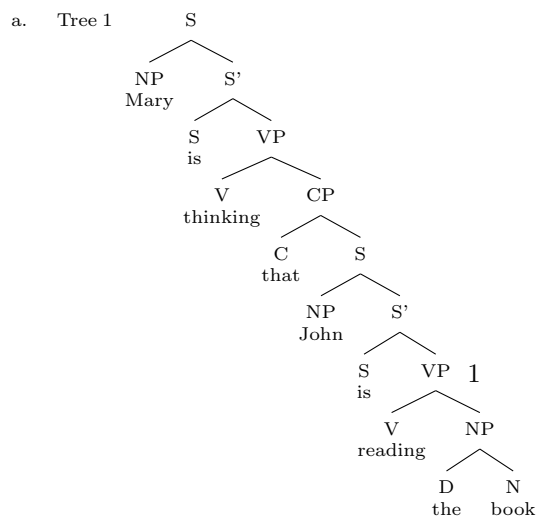### 1.1 Simple tree

```
// a simple forest tree; Java coloring actually works nice here;
                    requires \usepackage[linguistics]{forest}
\begin{forest}
sn edges
[S [NP [N [Matthew]]] [VP [V [kissed]] [NP [N [John]]] ]]
\end{forest}
```
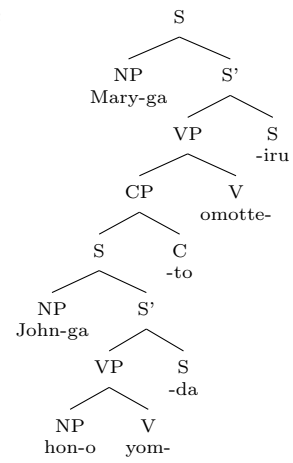
```
              S
         ┌────┴────┐
        NP         VP
         │      ┌───┴───┐
         N      V       NP
         │      │       │
      Matthew  kissed   N
                        │
                       John
```

1.2 A more involved tree

Skipping the code as it's lengthy. The tree below **does** use \scriptsize.

(1)

a. Tree 1

```
                    S
              ┌─────┴─────┐
             NP           S'
            Mary     ┌────┴────┐
                     S         VP
                     is   ┌────┴────┐
                          V         CP
                       thinking ┌───┴───┐
                                C       S
                              that  ┌───┴───┐
                                   NP       S'
                                  John ┌────┴────┐
                                       S         VP   1
                                       is    ┌───┴───┐
                                             V       NP
                                          reading ┌──┴──┐
                                                  D     N
                                                 the   book
```

b.   Tree 2

```
                        S
                 ┌──────┴──────┐
                NP             S'
              Mary-ga     ┌────┴────┐
                         VP         S
                    ┌────┴───┐    -iru
                   CP        V
               ┌───┴───┐  omotte-
               S       C
          ┌────┴──┐   -to
         NP       S'
       John-ga ┌──┴──┐
              VP      S
          ┌───┴──┐   -da
         NP      V
        hon-o   yom-
```
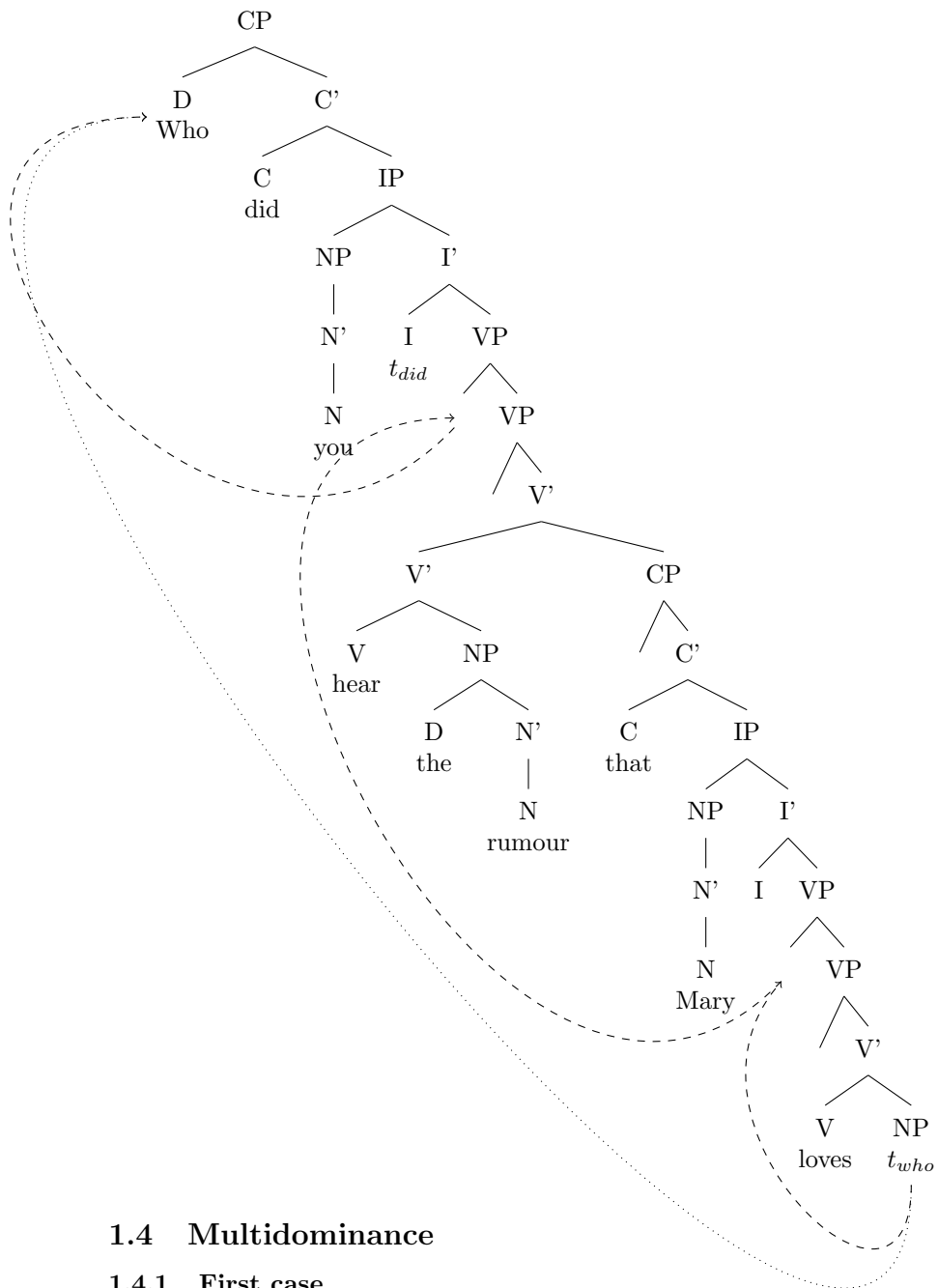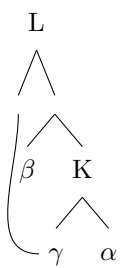
1.3   As involved as we got

Again, no code because it's rather long. See examples.tex in `LSA_templates\docs\examples` to cope the code.

CP

D
Who

C'

C
did

IP

NP

I'

N'

I
t_{did}

VP

N
you

VP

V'

V'

CP

V
hear

NP

C'

D
the

N'

C
that

IP

N
rumour

NP

I'

N'

I

VP

N
Mary

VP

V'

V
loves

NP
t_{who}

1.4 Multidominance

1.4.1 First case

L

β   K

γ   α

1.5 Second case

K   L

α β γ