

`trees.sty:`

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Trees

Peter Vanroose
peter@dit.lth.se

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Example:

```
\begin{picture}(100,100)(-50,10)
```

150

\unitlength=2mm

```
\branchlabels ABC      % 012 is the default
```

```
\root(2,10) 0.          % root at absolute coordinate (2,10)
```



```
% its (internally used) label is 0
```

% the space before the 0 is obligatory

```
\branch2{16} 0:1,2.    % node 0 (i.e., the root) has children 1 and 2
```

% the text "1.00" is written above it

% space is optional, :,. are obligatory

```
\leaf{4}{u_1} 1.    % node 1 is a leaf
```

% "0.45" written above, "\$u_1\$" to the right

```
\branch2{12} 2:3,7.    % branch to node 3 goes up, and has label A
```


`\tbranch2{9} 3:4,5,6.`

```
\leaf{4}{u_3}4. % the symbols 0--7 can be replaced by anything
```

$\backslash\text{leaf}\{3\}\{\$u_4\$ \}5.$

$\backslash\text{leaf}\{2\}\{\$u_5\}6.$

$\backslash\text{leaf}\{3\}\{-u_2\}$ 7.

\end{picture}

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like: