

`\hangafter` [  $\langle number \rangle$  parameter ]

`\hangindent` [  $\langle dimen \rangle$  parameter ]

These two parameters jointly specify “hanging indentation” for a paragraph. The hanging indentation indicates to T<sub>E</sub>X that certain lines of the paragraph should be indented and the remaining lines should have their normal width. `\hangafter` determines which lines are indented, while `\hangindent` determines the amount of indentation and whether it occurs on the left or on the right:

- Let  $n$  be the value of `\hangafter`. If  $n < 0$ , the first  $-n$  lines of the paragraph will be indented. If  $n \geq 0$ , all but the first  $n$  lines of the paragraph will be indented.
- Let  $x$  be the value of `\hangindent`. If  $x \geq 0$ , the lines will be indented by  $x$  on the left. If  $x < 0$  the lines will be indented by  $-x$  on the right.

When you specify hanging indentation, it applies only to the next paragraph (if you’re in vertical mode) or to the current paragraph (if you’re in horizontal mode). T<sub>E</sub>X uses the values of `\hangafter` and `\hangindent` at the end of a paragraph, when it breaks that paragraph into lines.

Unlike most of the other paragraph-shaping parameters, `\hangafter` and `\hangindent` are reset to their default values at the start of each paragraph, namely, 1 for `\hangafter` and 0 for `\hangindent`. If you want to typeset a sequence of paragraphs with hanging indentation, use `\everypar` (p. ‘`\everypar`’). If you specify `\hangafter` and `\hangindent` as well as `\parshape`, T<sub>E</sub>X ignores the `\hangafter` and `\hangindent`.

*Example:*

```
\hangindent=6pc \hangafter=-2
```

This is an example of a paragraph with hanging indentation. In this case, the first two lines are indented on the left, but after that we return to unindented text.

*produces:*

This is an example of a paragraph with hanging indentation. In this case, the first two lines are indented on the left, but after that we return to unindented text.

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*Example:*`\hangindent=-6pc \hangafter=1`

This is another example of a paragraph with hanging indentation. Here, all lines after the first have been indented on the right. The first line, on the other hand, has been left unindented.

*produces:*

This is another example of a paragraph with hanging indentation. Here, all lines after the first have been indented on the right. The first line, on the other hand, has been left unindented.