Latex for org-(ab)users

andrea

15 Dicembre 2009

list of all latex symbols

1 Some symbols

σ	\sigma
π	\pi
$\bowtie$	\Join
$\in$	\in
$\notin$	\notin
$\wedge$	\wedge
$\vee$	\vee
$\exists$	\exists
$\nexists$	\nexists
$\forall$	\forall

2 Arguments

Sometimes you need to give arguments to functions. In general we use _ for lower indexes, ^ for exponents and () for arguments. When you have multiple arguments in the index or the exponent put them together with {}.

For example:

$\log_x{}^2$	\log_x^2
$\sigma_{A,B}(\pi_C \; R)$	\sigma_{A,B}(\pi_C R)

3 Quoting

Latex has some key characters that have a special meaning. If you want to insert those characters you have to quote them with "'". So for example.

$$\pi_{\{A,B\}} \qquad \text{\\pi\_\{\\\{A,B\\\}\}}$$

Here one { is quoted and will be inserted as it is and the other is used to join the arguments.