Standard

(a,b) (a,b) $\left(\frac{1}{2},\frac{2}{3}\right)$ $\left(\frac{1}{2},\frac{2}{3}\right)$ [a,b][a..b]

 $(-\infty,b]$

$$\begin{array}{l}
[a .. b] \\
(-\infty, b] \\
(a, \infty) \\
\end{array} (a, +\infty)$$

Standard typesetting of intervals

$$(a, \infty) \qquad (a, +\infty)$$

$$(-\infty, \infty) \qquad (-\infty, +\infty)$$

$$(1, 2) \cup [2, 3) = (1, 3)$$

French

[a,b]

[a..b] $]-\infty,b]$

$$\begin{bmatrix} a, b \end{bmatrix}$$
 $\begin{bmatrix} a, b \end{bmatrix}$ $\begin{bmatrix} 1, 2 \end{bmatrix}$ $\begin{bmatrix} 1, 2 \end{bmatrix}$ $\begin{bmatrix} 1, 2 \end{bmatrix}$ $\begin{bmatrix} 1, 2 \end{bmatrix}$

 $]a, \infty[$ $]a, +\infty[$ $]-\infty,\infty[$ $]-\infty,+\infty[$ $|1,2[\cup [2,3[=]1,3[$