

$$\begin{array}{c}
[a,b] \\
\left[\frac{1}{2},\frac{3}{4}\right] \\
\left[\frac{1}{2},\frac{3}{4}\right[ \\
\left]\frac{1}{2},\frac{3}{4}\right] \\
\left]\frac{1}{2},\frac{3}{4}\right[ \\
\left[\left[\frac{1}{2},\frac{3}{4}\right]\right. \\
\left.\left]\frac{1}{2},\frac{3}{4}\right]\right] \\
\left.\left]\frac{1}{2},\frac{3}{4}\right[\right. \\
\left.\left]\frac{1}{2},\frac{3}{4}\left[\left[\frac{1}{2},\frac{3}{4}\right]\left[\frac{1}{2},\frac{3}{4}\right]\right]a,b]\times[c,d[\times]e,f[ \right. \\
]a,b]\cap[c,d[\cap]e,f[ \\
]a,b]\cup[c,d[\cup]e,f[ \\
a\leq x\leq b \\
a\leqslant y\leqslant b \\
a\leq x<b \\
a<x\leq b \\
a<x<b
\end{array}$$