

$k\langle x \rangle$, $k\langle X \rangle$, $k\langle a, b \mid ab = b^2a \rangle$, (using L^AT_EX's `\langle` and `\rangle`)
 $k\langle x \rangle$, $k\langle X \rangle$, $k\langle a, b \mid ab = b^2a \rangle$, (same, with kerning by .5pt added)
 $k\langle x \rangle$, $k\langle X \rangle$, $k\langle a, b \mid ab = b^2a \rangle$, (using `\langl` and `\rangl` defined below)
 $k\langle x \rangle$, $k\langle X \rangle$, $k\langle a, b \mid ab = b^2a \rangle$, (using `\lang` and `\rang` defined below)

```

\newcommand{\langl}{\begin{picture}(4.5,7)
\put(1.1,2.5){\rotatebox{60}{\line(1,0){5.5}}}
\put(1.1,2.5){\rotatebox{300}{\line(1,0){5.5}}}
\end{picture}}
\newcommand{\rangl}{\begin{picture}(4.5,7)
\put(.9,2.5){\rotatebox{120}{\line(1,0){5.5}}}
\put(.9,2.5){\rotatebox{240}{\line(1,0){5.5}}}
\end{picture}}

```

```

\newcommand{\lang}{\begin{picture}(5,7)
\put(1.1,2.5){\rotatebox{45}{\line(1,0){6.0}}}
\put(1.1,2.5){\rotatebox{315}{\line(1,0){6.0}}}
\end{picture}}
\newcommand{\rang}{\begin{picture}(5,7)
\put(.1,2.5){\rotatebox{135}{\line(1,0){6.0}}}
\put(.1,2.5){\rotatebox{225}{\line(1,0){6.0}}}
\end{picture}}

```

(For discussion, see
http://math.berkeley.edu/~gbergman/misc/hacks/langl_rangl.html.)