Example: Usages of \xhat

```latex
1  % \xhat
2  %   [<left offset text>, <right offset text>]
   %   [<phantom height text>]
4  %   (<extra tikz options>)
   %   {<whole text>}
6  \parindent=0pt\Large
   Function of \verb|<left/right offset text>|:
8  \begin{align*}
       abc \xhat      {abc} ffffd \xhat      {ST} \\
10     abc \xhat[a,b]{abc} ffffd \xhat[S,T]{ST}
   \end{align*}
12
   Function of \verb|<phantom height text>|:
14 \begin{align*}
     abc \xhat[\bm{S},\bm{T}]      {\bm{TS}} &=
16     \xhat[\bm{g},\bm{g}_s]{\bm{g}^k\bm{g}^l\bm{g}_r\bm{g}_s} \\
     abc \xhat[\bm{S},\bm{T}][g^l]{\bm{TS}} &=
18     \xhat[\bm{g},\bm{g}_s]{\bm{g}^k\bm{g}^l\bm{g}_r\bm{g}_s}
   \end{align*}
```

Function of `<left/right offset text>`:

$$abc\overset{\frown\cdot\frown}{abc}ffffd\overset{\frown\cdot\frown}{ST}$$

$$abc\overset{\frown\cdot\frown}{abc}ffffd\overset{\frown\cdot\frown}{ST}$$

Function of `<phantom height text>`:

$$abc\overset{\frown\cdot\frown}{\boldsymbol{TS}} = \overset{\frown\cdot\frown}{\boldsymbol{g}^k\boldsymbol{g}^l\boldsymbol{g}_r\boldsymbol{g}_s}$$

$$abc\overset{\frown\cdot\frown}{\boldsymbol{TS}} = \overset{\frown\cdot\frown}{\boldsymbol{g}^k\boldsymbol{g}^l\boldsymbol{g}_r\boldsymbol{g}_s}$$

```
1  \parindent=0pt\Large
2  Line cap is always round.
   \Huge
4  \[
     \xhat[\bm{S},\bm{T}]{\bm{TS}} \qquad
6     \tikzset{xhat line/.append style={line width=3pt}}
     \xhat[\bm{S},\bm{T}]{\bm{TS}}
8  \]
```

Line cap is always round.

$$\overset{\frown}{TS} \qquad \overset{\frown}{TS}$$