



```

...
\usepackage{pst-plot}
\makeatletter
\let\beginplot@ErrorLine\beginplot@line
\def\endplot@ErrorLine{\psErrorLine@ii}
\let\beginqp@ErrorLine\beginqp@line
\let\doqp@ErrorLine\doqp@line
\let\endqp@ErrorLine\endqp@line
\let\testqp@ErrorLine\testqp@line
%
\def\psErrorLine@ii{%
\addto@pscode{\pst@cp \psline@iii \tx@ErrorLine}%
\end@OpenObj%
}
%
\def\tx@ErrorLine{ErrorLine }
\def\@errorVal{0.3}% +- 30% error range (only demo)
%
% Adapted from Line
\pst@def{ErrorLine}<{%
/min 1 \@errorVal\space sub def
/max 1 \@errorVal\space add def
NArray
n 0 eq not
{ ArrowA
/n n 2 sub def
CP 2 copy min mul moveto max mul Lineto
n { 2 copy min mul moveto max mul Lineto } repeat
CP
4 2 roll
ArrowB
2 copy moveto pop 0

```

```
L
  pop pop } if}>
\makeatother
\pagestyle{empty}
\begin{document}

\psset{xunit=0.0333cm,yunit=2.5cm}
\begin{pspicture}(0,-1)(400,1)
  \psline{->}(0,0)(400,0)
  \psline{->}(0,-1)(0,1)
  \psplot[
plotstyle=ErrorLine,
linecolor=red,
linewidth=2pt,
plotpoints=50,
      showpoints=true,
dotstyle=o,
dotsize=0.1]{0}{360}{x sin}
\end{pspicture}
...
```