Example

Using GnuPlot in LaTeX
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When using the old-fashioned LaTeX (that is, *not* PDFLaTeX or such), one can use the graphicx package for including EPS and some other formats. PicTex files are included with commands like

```
\usepackage{latexsym}  % For Diamond in GnuPlot images...
\begin{figure}[!htbp]
  \centering
    \input{graphs/examtex.tex}
  \caption{Inclusion of PicTeX/\LaTeX\ graphics file}
  \label{Gr: Exam1}
\end{figure}
```
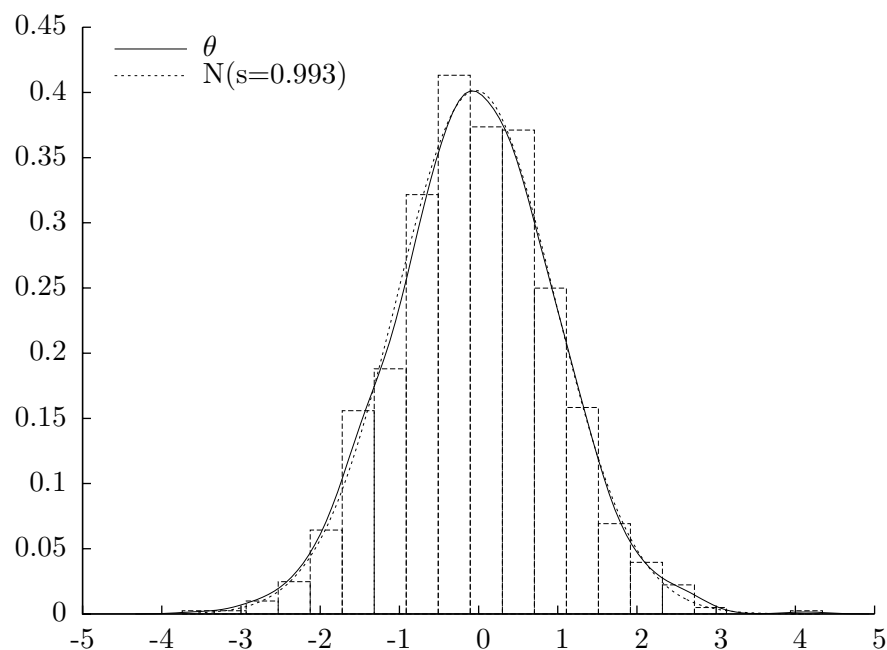
as in figure 1.

Figure 1: Inclusion of PicTeX/LaTeX graphics file

A second output option is the `.etex` format. This results in a combination of LaTeX and EPS. Both output files (`.tex` and `.eps`) are necessary for inclusion of the plot, using commands like

```
\usepackage{graphicx}
\usepackage{latexsym}  % For Diamond in GnuPlot images...
\begin{figure}[!htbp]
  \centering
    \input{graphs/exametex.tex}
  \caption{Inclusion of EPS\LaTeX\ graphics file}
  \label{Gr: Exam1b}
\end{figure}
```

as in figure 2. Notice that with this EPSLATEX format there is a small problem with the path of the file. The `graphs/exametex.tex` file in turn tries to include `exametex.eps`. If, as is done here, the graphs are found in a subdirectory, then the `graphs/exametex.tex` will have to be adapted by hand to change the `includegraphics` reference to the `graphs/exametex` file, adding the directory name, or else LaTeX will complain that it cannot find the EPS file.

Including an EPS file using e.g.

```
\usepackage{graphicx}  % For including EPS images
\begin{figure}[!htbp]
  \centering
  \resizebox{0.8\textwidth}{!}
    {\includegraphics{graphs/exameps}}
  \caption{Inclusion of EPS file}
  \label{Gr: Exam2}
\end{figure}
```
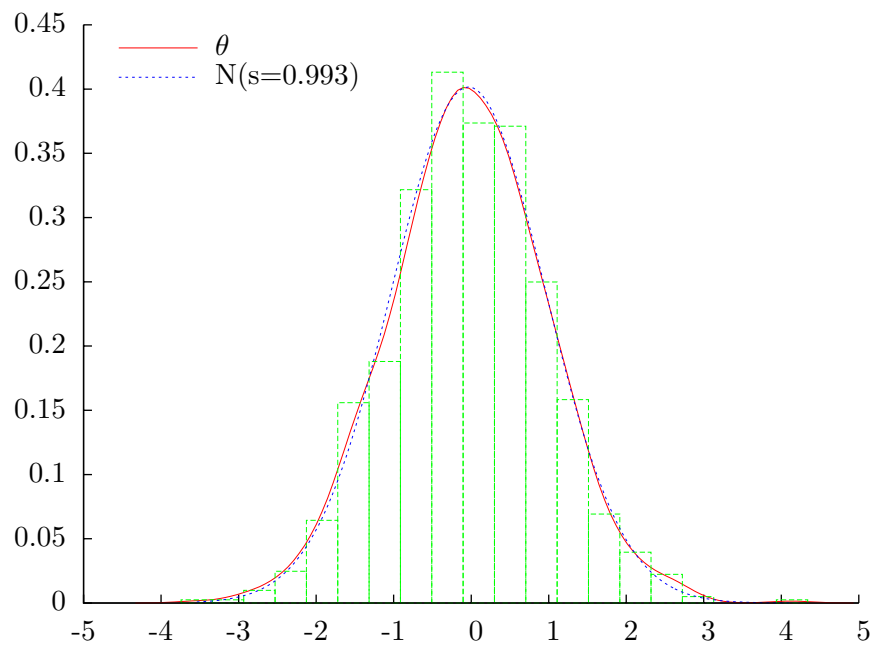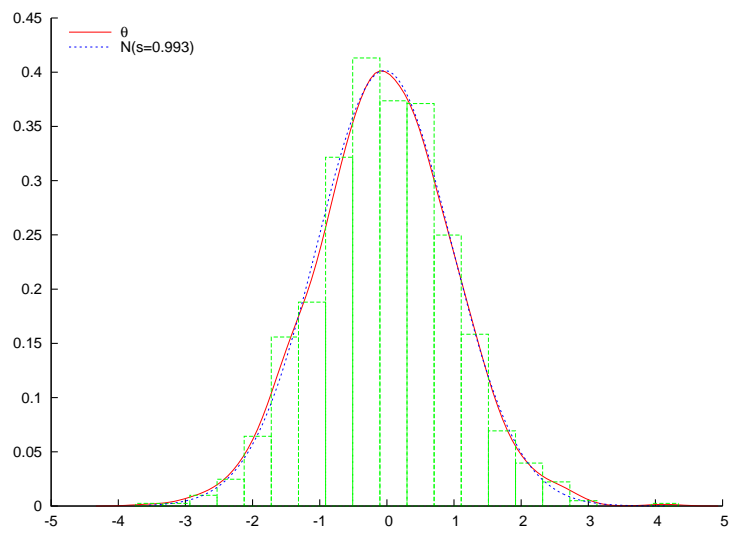
as in figure 3.

Figure 2: Inclusion of EPSL^AT_EX graphics file

Figure 3: Inclusion of EPS file