1.13 Colors

So far, we have seen some colors in graphics. It must be said that \textsc{metapost} color model is not that advanced, although playing with colors in the \textsc{metapost} way can be fun. In later chapters we will discuss some extensions that provide shading.

Colors are defined as vectors with three components: a red, green and blue one. Like pens, colors have their with-command:

\begin{verbatim}
    withcolor (.4,.5,.6)
\end{verbatim}

You can define color variables, like:

\begin{verbatim}
    color darkred ; darkred := (.625,0.0) ;
\end{verbatim}

You can now use this color as:

\begin{verbatim}
    withcolor darkred
\end{verbatim}

Given that \texttt{red} is already defined, we also could have said:

Figure 1.1 The nine ways to end and join lines.