

1 Introduction


```
\usepackage[metapost, truebbox]{mfpi c}
```

This would then produce something like [figure 1.2](#). From now on, this option will be in effect in our examples.

\curve, \functi on, etc.) all produce, in the


```
\begin{mfpi c}{0}{2}{0}{1}  
\setrender{\dashed}  
  \rect{(0,0),(1,1)}  
  \circle{(1.5,.5){.5}}  
\end{mfpi c}
```



the hatching goes over the dots (and a bit of the dashes as well). If the `\gfiii` were `rst`,

the second case,


```

% \bcl o s e d  a n o t h e r  c o p y :
\draw\gfill[yellow]\bcl o s e d\shiftpath{(2,-2)}
\curve{(0.49,3),(.5,3.7),(1,4),(1.5,3.7),(1.51,3)}
% \c y c l i c  w i t h  s a m e  p o i n t s ,  s h i f t e d :
\draw\gfill[red]\shiftpath{(0,-2)}
\c y c l i c {(0.49,3),(.5,3.7),(1,4),(1.5,3.7),(1.51,3)}
\tl a b e l j u s t i f y { b c }
\nompl a b e l s
\tl a b e l s {
  (1,2.4){\cs{curve}}
  (3,2.4){\cs{scl o s e d}}
  (1,0.4){\cs{c y c l i c}}
  (3,0.4){\cs{bcl o s e d}}
}
% Some points to help illustrate
\point{(0.49,3),(.5,3.7),(1,4),(1.5,3.7),(1.51,3)}
\point{(2.49,3),(2.5,3.7),(3,4),(3.5,3.7),(3.51,3)}
\point{(0.49,1),(.5,1.7),(1,2),(1.5,1.7),(1.51,1)}
\point{(2.49,1),(2.5,1.7),(3,2),(3.5,1.7),(3.51,1)}
\end{mfpi c}

```



```

\input mfpic
\usemetapost
\opengraphsfile{myfigs}
My first figure:
\mfpic[72]{-1}{1}{-1}{1}
\ellipse{(0,0),1,.5}
\endmfpic
\closegraphsfile
\end

```

The main difference is the lack of L^AT_E

to produce PDF without turning on metapost support. However, all dvi viewers and dvips *do* work well with such fonts, so it can make sense to use mfpic with metafont *if* you don't need the features that metapost enables: color and rotation of labels. One advantage

a edit-compile-view cycle involving mfpic gures, one usually has to close the viewer and