Figure	First mpost pass	Second mpost pass
1	$\bullet$ $\dot{A}$	$\bullet$ $\dot{I_2}$
2	[??] ▲ [??]	I_2 ▲
3	$\bullet$ $\dot{A}$	$\bullet$

makecirc_eats_label.mp

```
verbatimtex
\documentclass [10pt]{article}
\begin {document}
etex;
input makecirc;
initlatex("");
beginfig(1);
  dotlabel.bot(btex $A$ etex, (0,0));
endfig;
beginfig(2);
  centreof.I((0,0), (0,1cm), cur);
  current.B(c.I, phi.I, "I_2", "");
endfig;
beginfig(3);
  dotlabel.bot(btex $A$ etex, (0,0));
endfig;
verbatimtex
\end{document}
etex;
end.
endinput;
```

make_sample.sh

```
#!/bin/bash

MP=makecirc_eats_label

mpost -tex=latex $MP.mp
for FILE in 'ls $MP.[0-9]'  # save the eps output from the first pass
do
    cp $FILE ${FILE}_orig
done
mpost -tex=latex $MP.mp      # second pass for makecirc labeling
pdflatex sample.tex          # and generate the pdf
```