

TeX package CMPTalk, version 2.xx

Vít Zýka

Center for Machine Perception

<http://www-cmp.felk.cvut.cz/software/tex/textips.html#PDFpresentation>

Acknowledgement: Thanks to CMP members



```
\authorname{V\`i t Z\`yka}
```

```
\author{%
```

```
V\`i t Z\`yka\
```

```
Center for Machine Perception\
```

```
\href{http://www-cmp.felk.cvut.cz/software/tex/textips.html\#PDFpresentati
```

```
{http://www-cmp.felk.cvut.cz/software/tex/textips.html\#PDFpresentati
```

```
\title{\TeX\ package CMPTalk, version 2.xx}
```

```
\acknowledgement{Acknowledgement: Thanks to CMP members}
```

```
\talklogo{\includegraphics[width=4cm]{cmp}}
```

```
\maketalktitlepage % or put text of title to environment talktitlepage
```



Changes to version 1.x (now `cmptalkv1`):

- ◆ No border, screen ratio 3:4
- ◆ Pages in two columns if > 21
- ◆ Mouse navigation, Acrobat menu
- ◆ Absolute placement
- ◆ New talkstyle `CMPii`
- ◆ Bugs decrement; `psfrag` compatibility (for `latex`→`dvips`)

Package options:

`cmpitalkstyle`, `cmpiitalkstyle`,
`cakitalkstyle`, `cakiitalkstyle`,
`cggitalkstyle`, `cggiitalkstyle`,
`basetalkstyle`, `17pt`, `20pt`, `25pt`, `30pt`,
`noloadhyperref`, `noloadgraphicx`

Change inside documents:

```
\talkhead[\basetalkstyle]{...}
```

1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



Without narrow environment

- ◆ First item
- ◆ Second item
- ◆ Last item

and with both left and right margin of dimension 4\parindent

- ◆ First item
- ◆ Second item
- ◆ Last item

```
\begin{narrow}[4]  
  \begin{itemize}  
    \item ...  
  \end{itemize}  
\end{narrow}
```

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



Bigfig

```

\pagemaker{B}
\pagemaker{\string\small\space B}
\usepackage{bigfig}
...
\includegraphics[height=2cm]{cmp}
\bigfigfalse
\includegraphics[height=2cm]{cmp}
\bigfigtrue
\includegraphics[height=2cm]{cmp}
    
```



Colors:

```
\subhead{Colors:}
```

cmporange, **cakorange**, darkgray, **darkred**, **darkyellow**, **darkgreen**, **darkblue**

Backgrounds:

lightgray , **lightred** , **lightyellow** , **lightgreen** , **lightblue**

```

\usepackage{color} \textcolor{darkblue}{text}
\colorbox{lightblue}{\strut\bfseries text}
    
```

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	

A

B C

E

Mouse navigation

Use **invisible vertical buttons** at left and right screen edge.

They are done via Acrobat functions:

`\Acrobatmenu{PrevPage}{Prev page}`

Prev page

`\Acrobatmenu{NextPage}{Next page}`

Next page

`\Acrobatmenu{GeneralInfo}{Document information}`

Document information

`\Acrobatmenu{Print}{Print}`

Print

Keyboard navigation

Key	Description
CTRL+l	full screen
z	zoom mode (magnifying glass)
h	shift mode (paw)
shift+click	zoom over link area
CTRL+n	go to page
CTRL+left	go previous view
F5	bookmarks
F6	thumbnails
CTRL+d	document info

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	

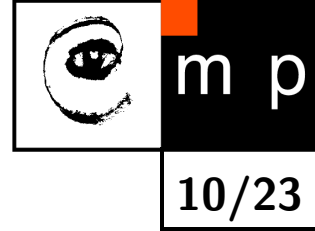
Video



1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	

```
\video{5cm}{.5}{cmp.avi}  
\video{5cm}{.2}{cmp.avi}  
\def\videoShowControls{false}  
\video{5cm}{.5}{cmp.avi}  
\video{5cm}{.5}[cmp]{cmp.avi}
```

New talk CMPii talk style, Thumbnails



CMPii talk style:

Margins, GoToPage and CMP web link.



Thumbnails:

Source file:

```
\usepackage{thumbpdf}
```

Run (perl+ghostscript):

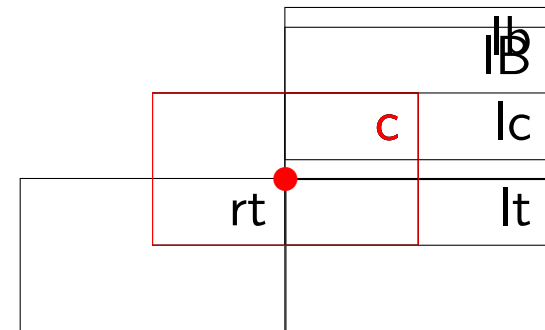
```
pdflatex file.tex  
thumbpdf file  
pdflatex file.tex
```



```
\placeatmm{
  \put(0,0){A}
  \put(15,5){B}
```



```
\placeat{
  \put(.5,.9){\framebox(15,10)[bl]{C}}
  \put(.3,0){\includegraphics[width=3cm]{cmp}}
  \put(1,1){Z}
```



```
\Put(1,1)[rt]{\textcolor{black}{Z}}
\Put(.85,.75)[lt]{\strut\framebox(35,20)[tr]{\sp{lt}}}
\Put(.85,.75)[lc]{\strut\framebox(35,20)[tr]{\sp{lc}}}
\Put(.85,.75)[lB]{\strut\framebox(35,20)[tr]{\sp{lB}}}
\Put(.85,.75)[lb]{\strut\framebox(35,20)[tr]{\sp{lb}}}
\Put(.85,.75)[rt]{\strut\framebox(35,20)[tr]{\sp{rt}}}
\Put(.85,.75)[cc]{\strut\framebox(35,20)[tr]{\sp{c}}}
\Put(.85,.75)[c]{\strut\framebox(35,20)[tr]{\sp{c}}}
\Put(.85,.75){\strut\textcolor{red}{\framebox(35,20)[tr]{\sp{c}}}}
\put(.85,.75){\textcolor{red}{\circle*{3}}}
```

A

B



Z^Z

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .

. . . and second.

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .

. . . and second.

```
(\pause First step\dots\pause \dots and second.\pause)
```

A more complicated example with

```
\parstepwise{%  
  \step{1}  
  \step{2}  
  \step{3}  
}
```

1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .

. . . and second.

```
(\pause First step\dots\pause \dots and second.\pause)
```

A more complicated example with

```
\parstepwise{%  
  \step{1}  
  \step{2}  
  \step{3}  
}
```

Then you can write some idea and use it.

1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .


. . . and second.

```
(\pause First step\dots\pause \dots and second.\pause)
```

A more complicated example with

```
\parstepwise{%
  \step{1}
  \step{2}
  \step{3}
}
```

Then you can write some idea and use it.

Then continue with another idea.  

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



First load preamble package:

```
\usepackage[coloremph,colormath,display]{texpower}
```

First step. . .

. . . and second.

```
(\pause First step\dots\pause \dots and second.\pause)
```

A more complicated example with

```
\parstepwise{%
  \step{1}
  \step{2}
  \step{3}
}
```

Then you can write some idea and use it.

Then continue with another idea.



And to finish it.



1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



```
\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){2}}}
}
```

0

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



```
\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){2}}}
}
```

1

1

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



```
\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){2}}}
}
```

1 2

2

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



```

\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}\Put(.5,.5){2}}}
}

```

0

1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



```
\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}\Put(.5,.5){2}}}
}
```

1

0

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



```
\liststepwise[\global\placeat{\Put(.5,.5){0}}]{%
  \step{1\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}}}
  \step{2\global\placeat{\Put(.5,.5){0}\Put(.5,.5){1}\Put(.5,.5){2}}}
}
```

1 2



1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



Instructions:

1. If you are using `texpower` package, add option `printout`. It causes that all incremental pages merge together. Run `pdflatex`.
2. Run script `printcmptalk` with name of your PDF file with CMPtalk slides in the directory where the `.pdf` file is. It creates file `\jobname-print.pdf`. If you want to send it directly to the default printer use switch `-p` as follows:

```
printcmptalk -p myslides.pdf
```

1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



Go to [Appendix 1](#) and Appendix Two.

Usage:

```
\appendixfoil{apx:first}{This is first appendix page.}
```

```
Go to \hyperlink{apx:first}{Appendix~1} and Appendix
\shyperlink{apx:two}{Two}.
```

```
\def\appendixname{Secret trump}
```

```
\appendixfoil{apx:two}{And this is second appendix page.}
```

```
\string\includegraphics[height=1cm]{cmp}}
```

Notice of using `\string` before `\includegraphics`.

Notice invisible "GoBack" link (of size 1em) in the very beginning of appendix page.

Notice changing of appendix title by redefinition of `\appendixname`.

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	



1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

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1

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1 2

3 B

5 6

7 8

9 10

11 12

13 14

15 16

17 18

19 20

21 22

23



This is first appendix page.

1	2
3	B
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	

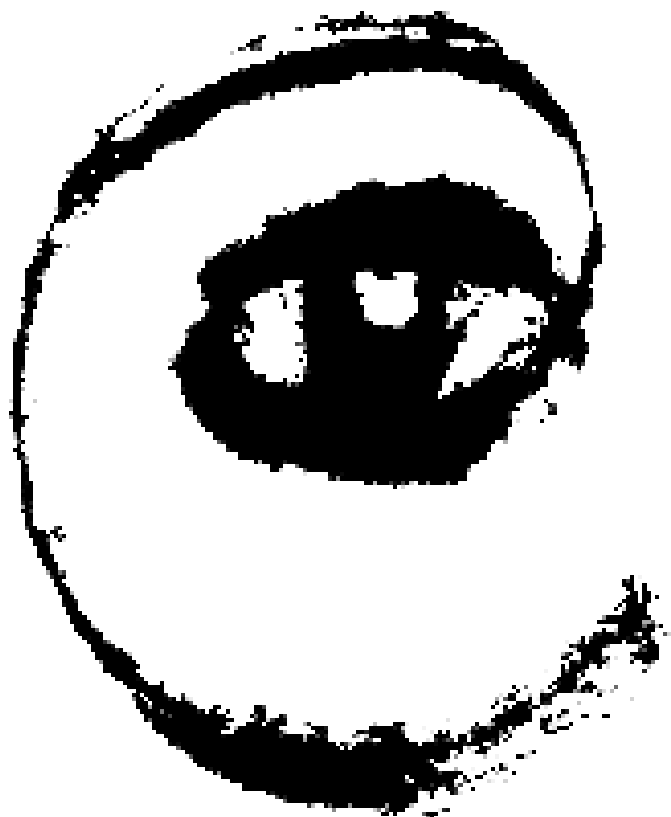


And this is second appendix page.

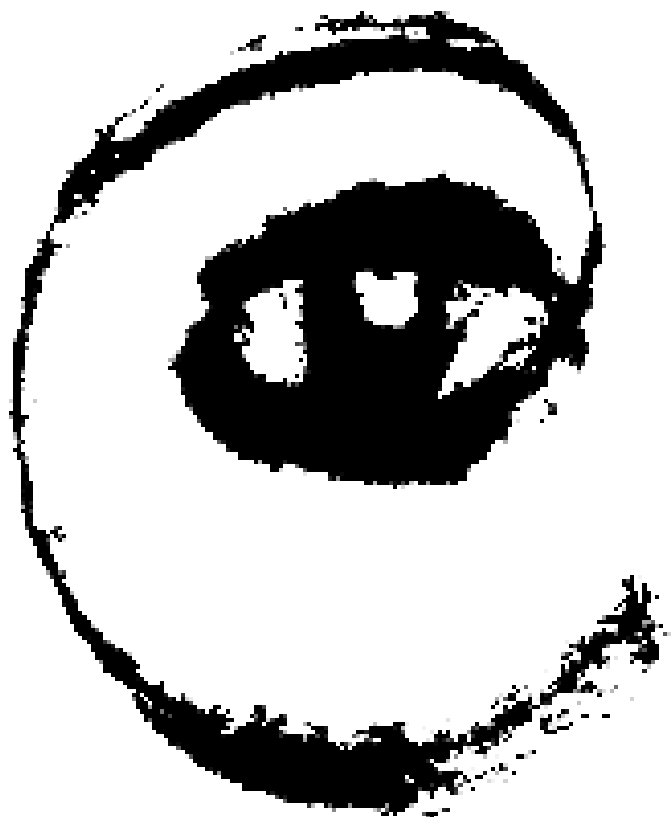


Next paragraph
in parbox

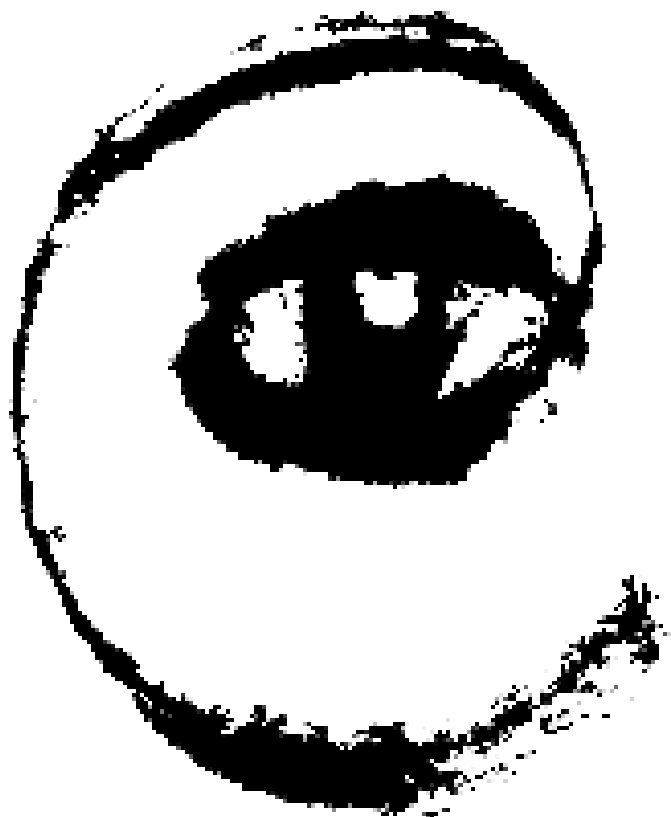
1	2
3	B
5	6
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9	10
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13	14
15	16
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19	20
21	22
23	



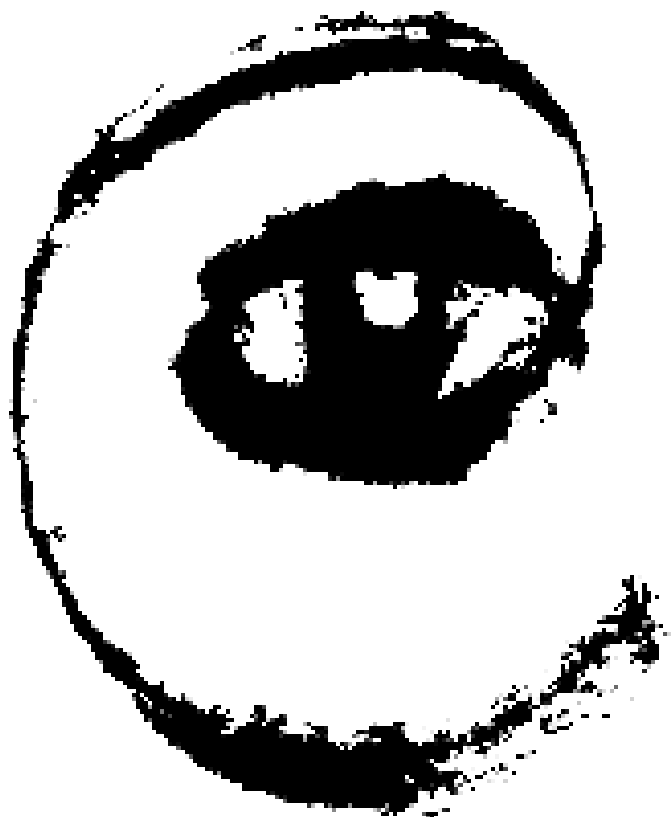
m p



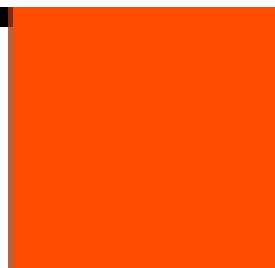
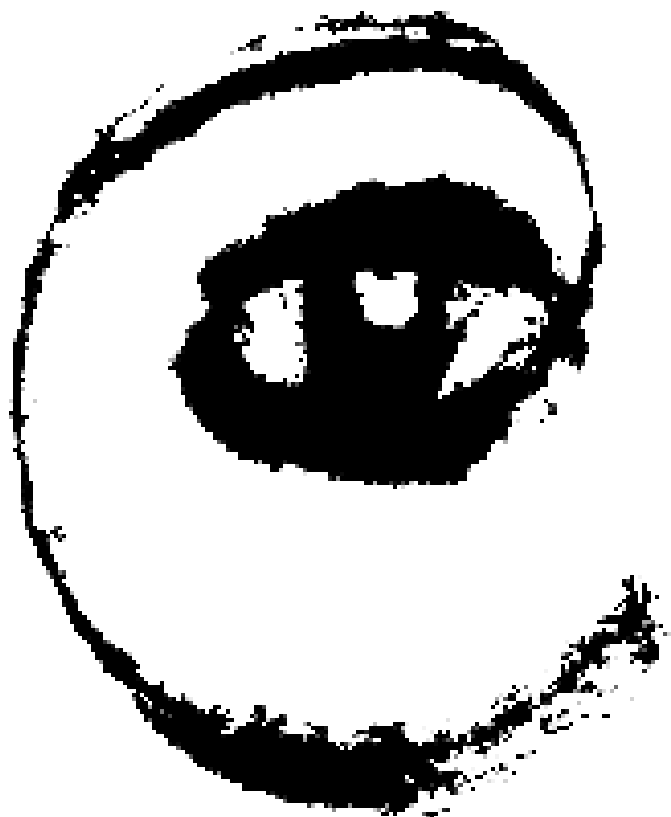
m p



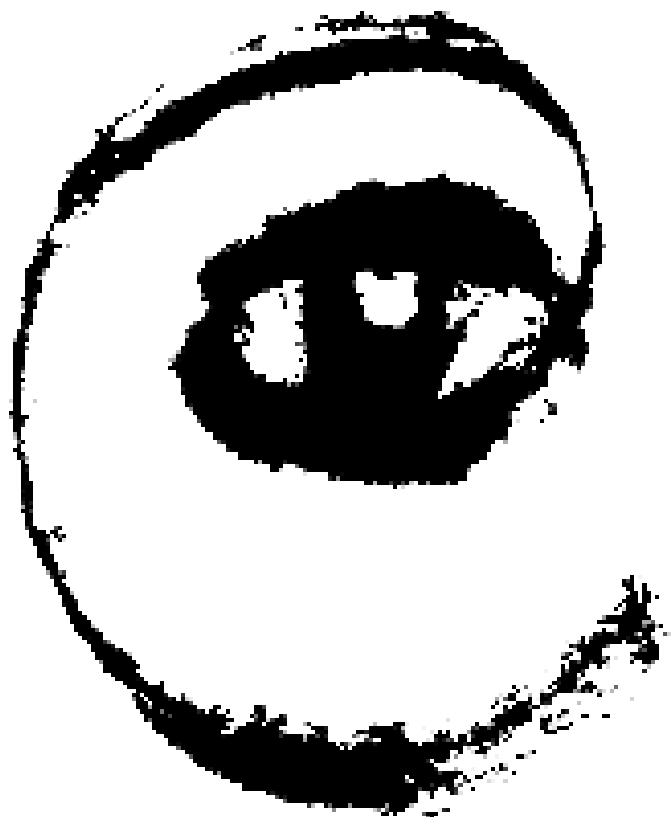
m p



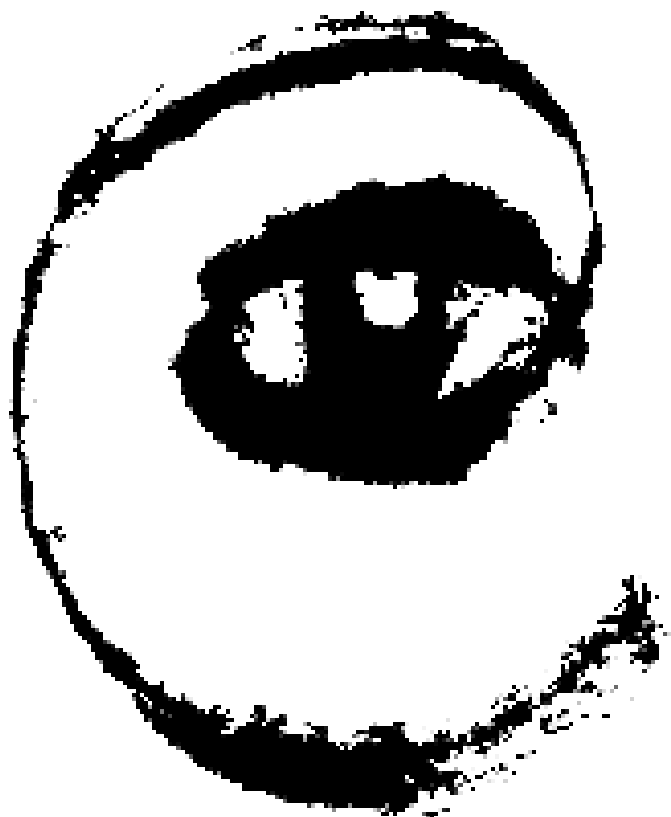
m p



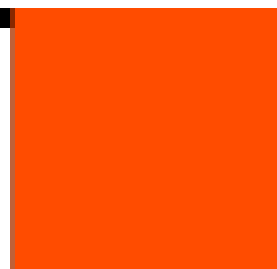
m p



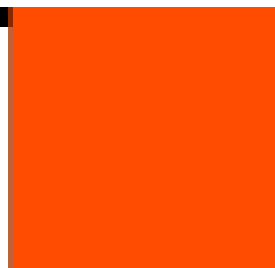
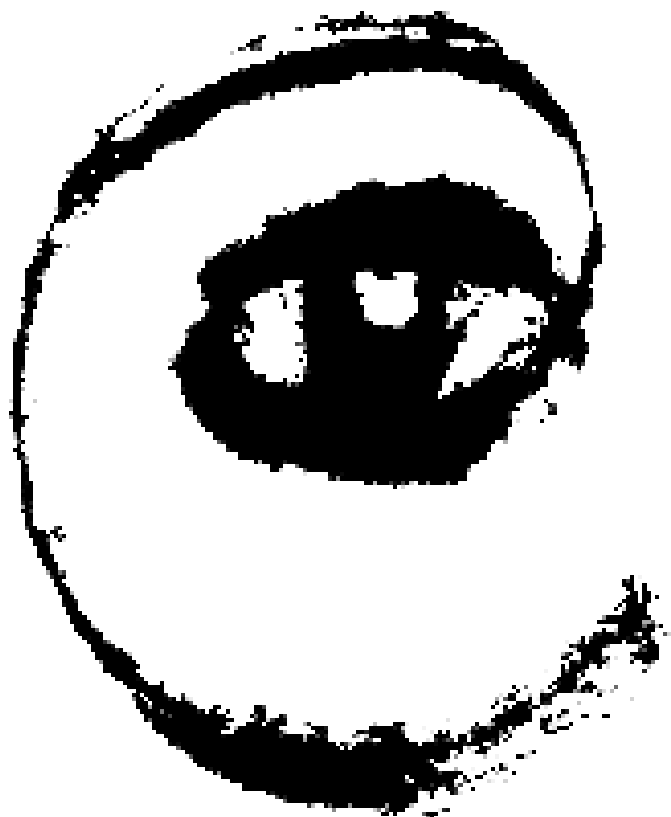
m p



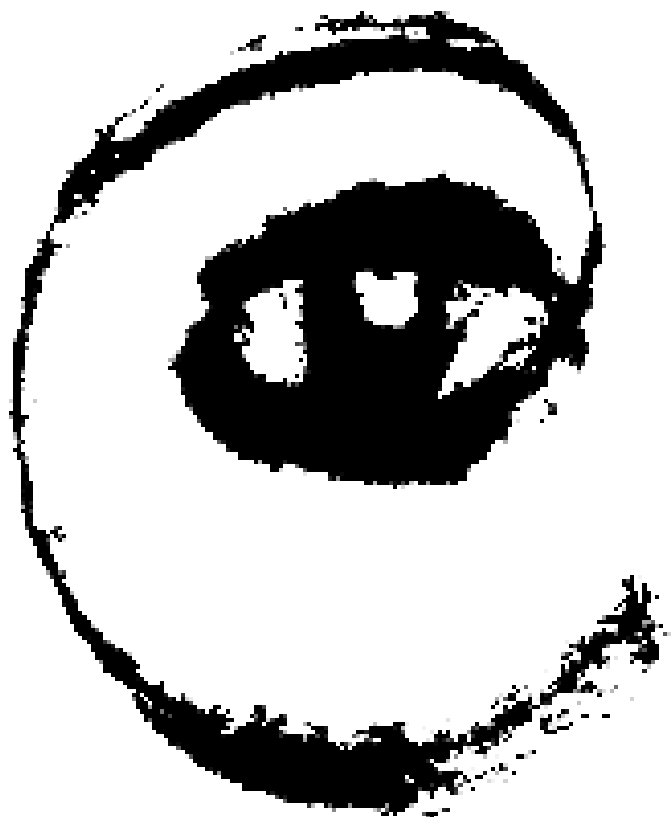
m p



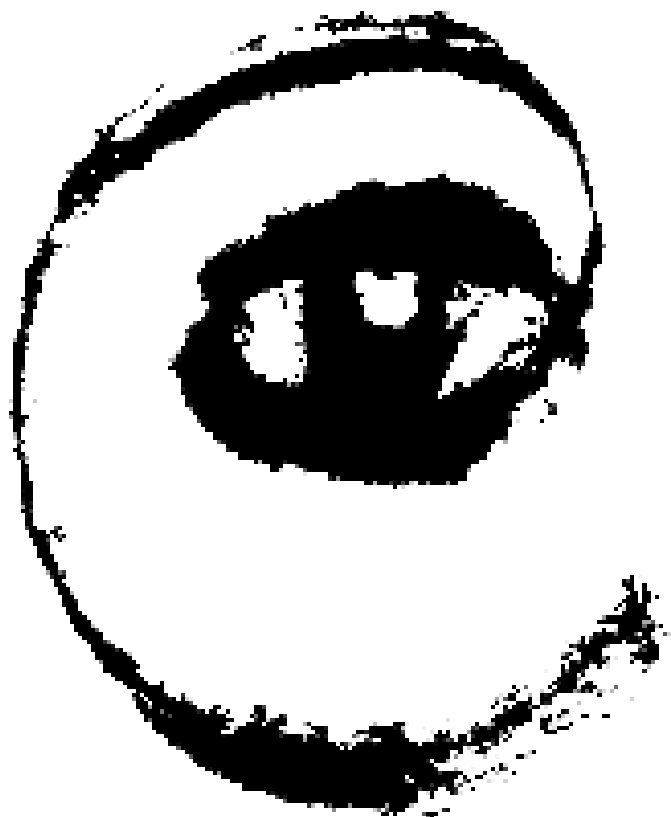
m p



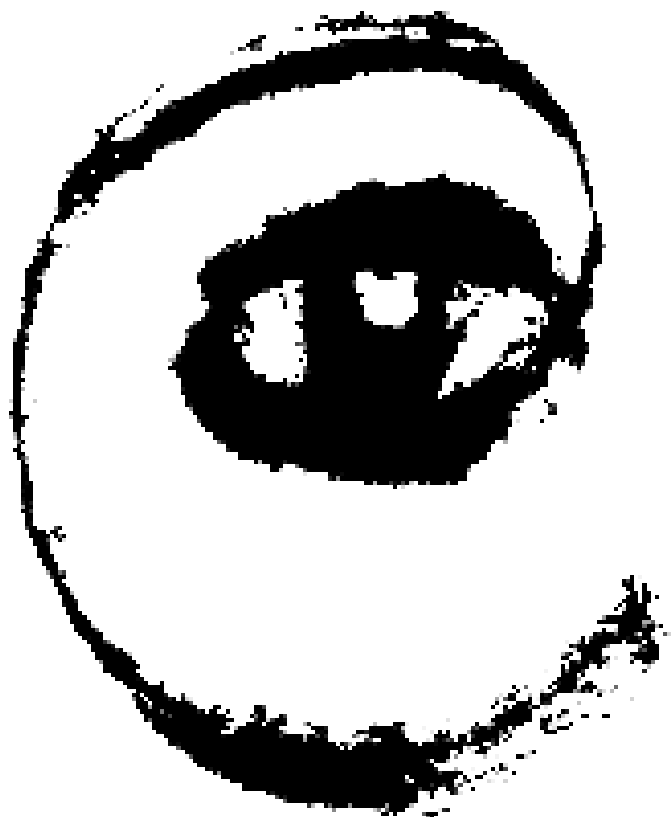
m p



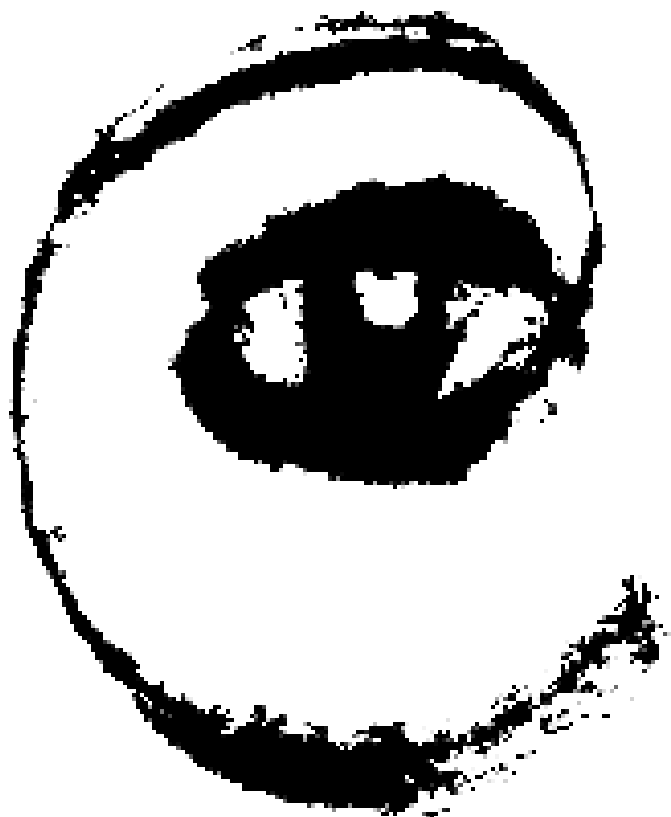
m p



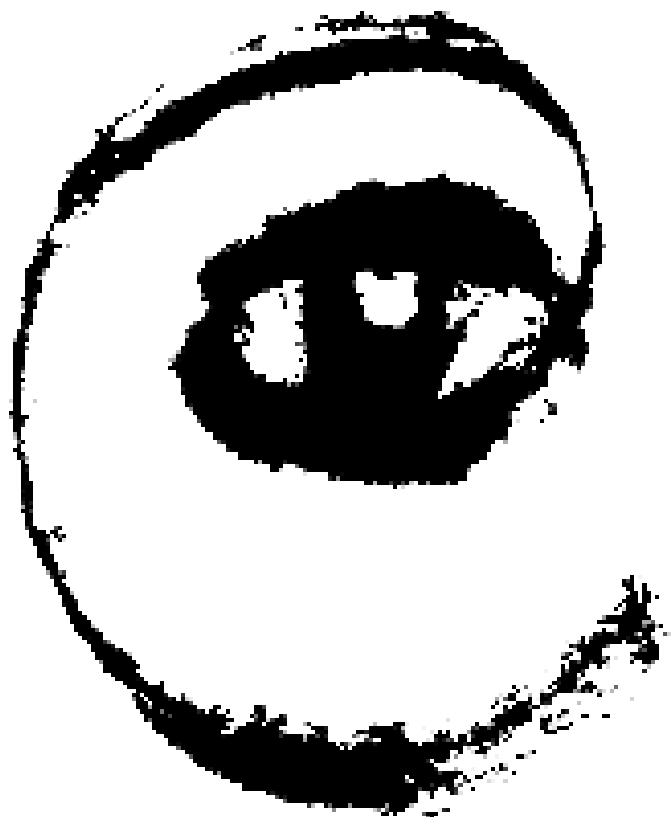
m p



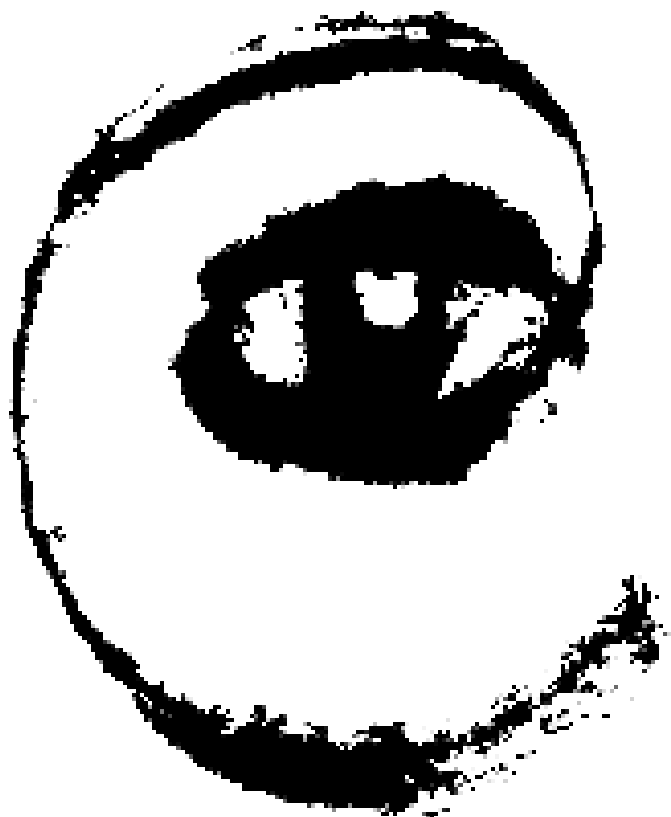
m p



m p



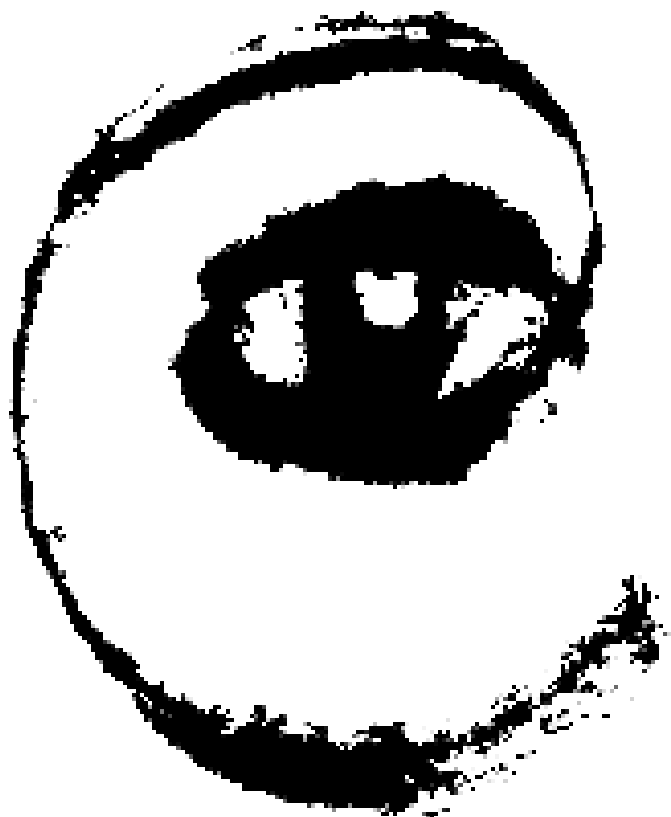
m p



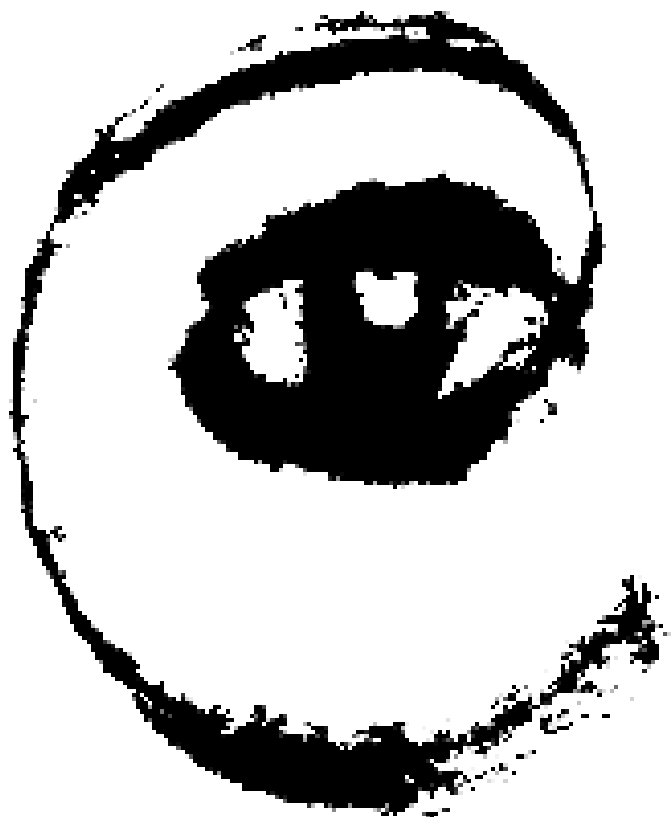
m p



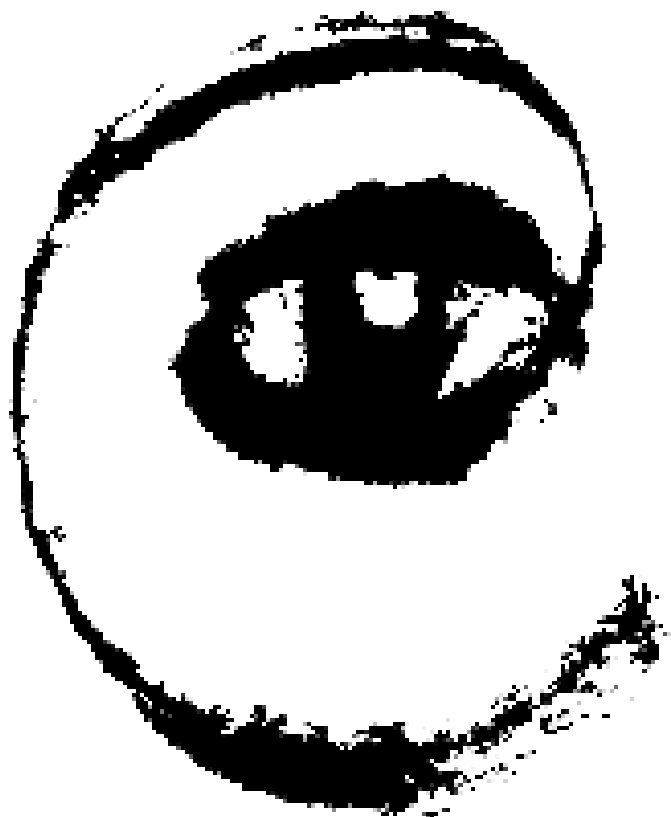
m p



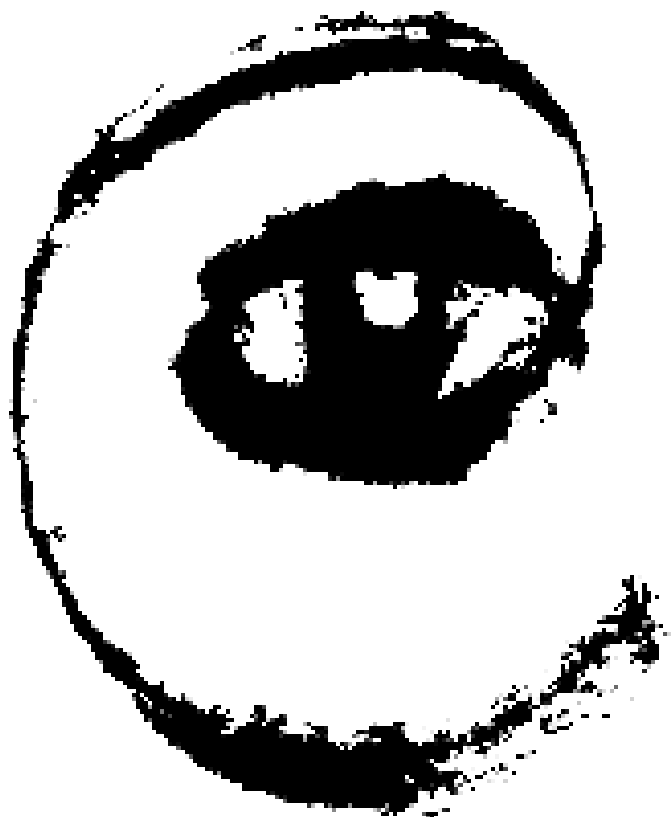
m p



m p



m p



m p