

1) Install Cinderella, R, Maxima and Sumatra.

- <https://beta.cinderella.de> (Cinderella)
- <https://cran.r-project.org> (R)
- <https://sourceforge.net/projects/maxima> (Maxima)

2) Install TeX if any TeX has not been installed.

(1) TeXLive is recommended.

- \* Files necessary for KeTCindy are already implemented.(2018 or later)
  - i) texmf-dist/scripts/ketcindy ketlib, setketcindy, ketoutset, etc.
  - ii) texmf-dist/tex/latex/ketcindy Style files for ketcindy
  - iii) texmf-dist/doc/support/ketcindy Manuals and source files

(2) kettex is a light-weight TeXLive.

- \* Download kettex.exe from  
<https://www.dropbox.com/s/fthw4btjqqs33tc/kettex.exe?dl=0>
- \* Double-click it and move kettex to C:\
- Rem) It will take time.

3) Install KeTCindy

(1) Download ketcindy from CTAN or ketcindy-master from

<https://github.com/ketpic/ketcindy>

(1) Open ketcindy-master/forWin

Rem) Download ketcindyfolder-master if not yet.

<https://github.com/ketpic/ketcindy>

Rem) If you use TeX other than TeXLive/KeTTeX,

- \* Open setketcindy.bat with a text editor.
- \* Edit paths in it.

(3) Right click setketcindy.bat and select "Run as administrator"

- \* Contents of scripts will be copied into TeX.
- \* ketcindystyle files will be copied and mktexlsr will be executed .
- \* Head of userhome : choose usually "d".
- \* In Cinderella/Plugins
  - KetcindyPluign.jar will be copied
  - ketcindy.ini will be generated .

(4) Click setwork.bat.

- \* Work directory "ketcindy" will be generated in User's home.

- \* TeX(typeset) will be usually latex,xelatex or pdflatex.
- \* Contents of work will be copied into "ketcindy".
- \* ".ketcindy.conf" will be also generated in User's home.

You can change the setting of PathT, Mackc, etc.

- \* "ketcindy.conf" will be also copied to work directory.
- \* Configuration files are read in order of
  - (1) ketoutset.txt in Script folder
  - (2) .ketcindy.conf in User's home
  - (3) ketcindy.conf in the work folder.

#### 4) Test run of KeTCindy

- (1) Double-click "template1basic.cdy" in "ketcindy/ketfiles".

Then a frame in white appear on the screen.

- (2) Press "Figure" button at the top left. then the PDF will be displayed.

Rem) To close the window of Terminal when the process exits,

Preferences > Shell > "Colse if the shell exited clearly"

#### 5) Set Texworks if necessary. For example, in case of KeTTex,

- (1) Launch TeXworks,

and choose Edit > Preference > Typeset

- (2) Push upper + and add

/Applications/kettex/ketbin/texworkslatex.sh

( or path of your TeX )

- (3) Select Xelatex or pdflatex.

#### 6) Install gcc for surface drawing.

minGW : <http://www.mingw.org>