

1) Install Cinderella, R and Maxima.

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

2) Install TeX

(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.zip from
<https://www.dropbox.com/s/dc4inuk06t07g26/kettex.dmg?dl=0>
- * Move kettex to Applications.
Rem) It will take time.

(3) Using other TeX

- * Open setketcindy.command in ketcindymaster with a text editor.
- * Edit paths in it.

3) Install KeTCindy

(1) Download ketcindymaster from

<https://www.dropbox.com/s/aj9dseerm8j48c4/ketcindymaster.zip?dl=0>

(2) Double-click setketcindy.command.

- * Password of an administrator is required.
- * Control-click and select Terminal if necessary.
- * 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 .

(3) Double-click setwork.command.

- * 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 PsthT, 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 final PDF output is 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 Xcode if you use gcc for drawings of surface.

- if you want to use only gcc, execute on Terminal:

```
sudo xcode-select --install
```