

1) Install Cinderella, R and Maxima.

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

Rem) Check they start correctly.

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.zip from

<https://www.dropbox.com/s/dc4inuk06t07g26/kettex.dmg?dl=0>

* Double-click it and move kettex to Applications.

Rem) It will take time.

Rem) In case of other TeX, see 3) (2).

3) Install KeTCdindy

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

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

(2) Open ketcindy(-master)/forMac

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

* Open setketcindy.command with a text editor.

* Edit paths in it.

(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 .
- * In Cinderella/PlugIns
 - KetcindyPluign.jar will be copied
 - ketcindy.ini will be generated .

(3) Double-click setnetwork.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