How to install KeTCindy(Mac)

modified : December 20, 2018

1. Install Cinderella, R and Maxima.

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

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

3. Install KeTCdindy

(1) Download ketcindy from CTAN(https://ctan.org)
   Search ketcindy **>** Package ketcindy **>** download

Rem) The latest version can be download from Repository:
   https://github.com/ket pic/ketcindy
   Clone or Download **>** Download ZIP

(2) Open ketcindy(-master)/forLinux.

Rem) If you use TeX other than TeXLIve/KeTTeX,
- · Open setketcindy.command with a text editor.
- · Edit paths in it.

(3) Open Terminal and execute setketcindy.sh with sh command
- · 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 .

(4) Open Terminal and execute setwork.sh with sh command.

Rem) Control-click and select Terminal if necessary.
- · 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 PasthT, Mackc, etc.
- · Template of "ketcindy.conf" will be also copied to work directory.
- · Configuration files are read in order of
   1) ketoutset.txt
   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.

5. 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 :

    · Start `Terminal`.
        Preferences `>` Shell `>` "Colse if the shell exited clearly"

6. Set Texworks if necessary.

    · Downloadable from https://github.com/TeXworks/texworks/releases/.

7. Install `gcc` for drawings of surface.