How to install KeTCindy(Windows)

1. Install Cinderella, R and Maxima.

- · https://beta.cinderella.de (Cinderella)
- · https://cran.r-project.org (R)
- · https://sourceforge.net/projects/maxima/files (Maxima)
- · https://www.sumatrapdfreader.org/download-free-pdf-viewer.html (Sumatra)

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).

(2) kettex is a light-weight TeXLive.
- · Download kettex.zip from
    https://www.dropbox.com/s/fthw4btjqqs33tc/kettex.exe?dl=0
- · Double-click it and move kettex to `C:\`.

(3) 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

Rem) Move the extracted folder to Desktop.

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

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

(3) Right click the following batch file setketcindy.bat and select "Run as adiministrator".
    KeTTeX   setketcindy.bat
    TeXLive   setketcindytexlive.bat
    Others   edited setketcindy.bat

Rem) In the case of Windows10, unblock the security block.

- · 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) Double-click setwork.bat.

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.
- · Input the version numbers of R, Maxima, for example 3.4.2, 5.37.3.
- · 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 work directory "ketcindy".
        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. For example, in case of KeTTeX,

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

    · Launch TeXworks,
       and choose Edit > Files verb|>| Preference > Typeset.

    · Push upper + and add
      `C:\kettex\texlive\bin\win32`

    · Select Xelatex or pdflatex.

7. Install gcc for surface drawing.

    · Go to minGW(http://www.mingw.org).

    · Download
       download > Install > mingw-get-setup.exe

    · Only `mingw32-base, mingw32-gcc-g++` are needed.