

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 KeTCindy(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/ketpic/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 a following batch file setketcindy.bat and select "Run as administrator".

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 (if make/remake is chosen).
- TeX(typeset) will be usually latex,xelatex or pdflatex.
- Input the version numbers of R, Maxima, for example 3.4.2, 5.37.3.

(4) Double-click setwork.bat.

Rem) Control-click and select Terminal if necessary.

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

- 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.
 - (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 :
- Start **Terminal**.
 - Preferences > Shell > "Colse if the shell exited clearly"
- Rem) It will be better to delete installer folder "ketcindy(-master)" .

5. 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.

6. 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.