

1. Install Cinderella, R,Maxima and Sumatra.

- <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) Select 'Option' of Sumatra and change the destination to Program Files or Program Files (x86).

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/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 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.

- In the case of KeTTex, Texworks is in C:\kettex\texlive\bin\win32.
- In the case of TeXLive, Texworks is in C:\texlive\year\bin\win32.
- Launch TeXworks, and choose
Edit > Files > Preference > Typeset.
- Confirm the path of TeXworks is included in the upper list.
- 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.