

**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).

(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.

(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

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

Rem) If the folder name includes spaces, remove them.

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

- Open setketcindy.command with a text editor.
- Edit paths in it.

(3) 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 .
- TeX(typeset) will be usually latex,xelatex or pdflatex.

(4) Double-click setwork.command.

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 > Preference > Typeset.
- Push upper + and add  
/Applications/kettex/teXlive/bin/x86\_64-darwin
- Select Xelatex or pdfflatex.

#### 6. Install Xcode if you use gcc for drawings of surface.

- Rem) f you want to use only gcc, execute on Terminal:  
`sudo xcode-select --install`

#### 7. Others

- Terminal command to allow to execute all aplications (Sierra or later)  
`sudo spctl --master-disable`