

1. Install Cinderella, R, Maxima and Evince if necessary.

- <https://beta.cinderella.de> (Cinderella)
 - * Download ‘Unix Install’ and execute on terminal.
`sudo bash Cinderella_unix_2_8.sh`
 - * if Java has not been installed, install it.
`sudo apt install openjdk-7-jre` or 8
- R and Maxima can be installed:
`sudo apt install r-base maxima`
- * HPs of R and Maxima are:
<https://cran.r-project.org>
<https://sourceforge.net/projects/maxima/files>
- Evince can be installed:
`sudo apt install evince`

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 version of TeXLive and downloadable from
<https://www.dropbox.com/s/vg8p07832e9hzlk/KeTTex-linux-20171022.tar.xz?dl=0>

3. Install KeTCindy

- (1) Download ketcindy from CTAN(<https://ctan.org>)
 Search ketcindy > Package ketcindy > download
 - * The latest version can be downloaded from Repository:
<https://github.com/ket-pic/ketcindy>
 Clone or Download > Download ZIP
- (2) Open ketcindy(-master)/forLinux.
- (3) Open setketcindy.sh with a text editor and confirm/modify paths.
 - Execute on terminal:
`sudo bash setketcindy.sh`
 - Contents of scripts will be copied into TeX.
 - Style files for KeTCindy will be copied and mktexlsr will be executed.
 - In Cinderella/PlugIns
 KetcindyPluign.jar will be copied.
 ketcindy.ini will be generated .
- (4) Open setnetwork.sh with a text editor and confirm/modify it.
 - Execute on terminal:
`bash setnetwork.sh`
 - TeX(typeset) will be usually latex,xelatex or pdflatex.
 - Contents of “work” will be copied into “ketcindy”(work folder).
 - `.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) Test template1basic.cdy in ketcindy (work folder).

· Execute on terminal:

```
cd (to the path of ketcindy)
Cinderella2 template1basic.cdy
```

· a frame in white will appear on the screen.

(2) Press "Figure" button at the top left, then the final PDF output will be displayed.

5. Set Texworks if necessary.

· Downloadable from <https://github.com/TeXworks/TeXworks/releases/>.

6. Install gcc for drawings of surface.