

1. Install Cinderella, R, Maxima and Evince.

2. <https://beta.cinderella.de> (Cinderella)

Rem) Download 'Unix Install' and execute on terminal.

```
sudo bash Cinderella_unix_2_8.sh
```

Rem) if Java has not been installed, install it.

```
sudo apt install openjdk-7-jre or 8
```

3. R and Maxima can be installed:

```
sudo apt install r-base maxima
```

Rem) HPs of R and Maxima are:

<https://cran.r-project.org>

<https://sourceforge.net/projects/maxima/files>

4. 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>

5. 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

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

(3) Open setketcindy.sh with a text editor and confirm/modify the paths.

· Execute with terminal:

```
sudo bash setketcindy.sh
```

· 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) Open setnetwork.sh with a text editor and confirm/modify it.

· Execute with terminal:

```
bash setnetwork.sh
```

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

· 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.

6. Test run of KeTCindy

(1) Test template1basic.cdy in ketcindy folder(work directory).

- 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 is displayed.

7. Set Texworks if necessary.

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

8. Install gcc for drawings of surface.