

AsyInL^AT_EX

Eureka

2022 年 12 月 19 日

1 背景材料

BackInfo

Asymptote comes with a convenient LaTeX style file `asymptote.sty` (v1.36 or later required) that makes LaTeX Asymptote-aware. Entering Asymptote code directly into the LaTeX source file, at the point where it is needed, keeps figures organized and avoids the need to invent new file names for each figure. Simply add the line `\usepackage{asymptote}` at the beginning of your file and enclose your Asymptote code within a `\begin{asy}...\end{asy}` environment.

注意:

As with the LaTeX comment environment

- 1. the `\end{asy}` command must appear on a line by itself, with no trailing commands/comments.
- 2. A blank line is not allowed after `\begin{asy}`.

2 编译流程

根据不同的编译工具有不同的编译选择, 比如下面的 `latex` 和 `pdflatex` 选项。以下假设有一个文件名为 **Test.tex**

流程一

PlainTeX:

- 1. `latex Test.tex`
- 2. `asy Test-*.asy`
- 3. `latex Test.tex`

流程二

pdfLaTeX

- 1. `pdflatex Test.tex`
- 2. `asy Test-*.asy`
- 3. `pdflatex Test.tex`