Learn LaTeX 2_ε *

oeyoews †

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*https://github.com/oeyoews/latex

†jyao4783@gmail.com

‡UpdatedTime: Wednesday 21st September, 2022 at 16:28

Contents

1 Abstract

Abstract

LaTeX documentation written as LaTeX! How novel and totally not my idea!

2 ✨ Instroduce

Hello, Latex

3 Href

link test

3.1 Href Link

Click this link to test

fishforyou website [1]

[1] book

4 🎉 Emoji

- lock 🔒
- file-folder 📂
- pushpin 📌
- leaves 🍃
- rose 🌹
- link 🔗
- monkey 🐿️
- sparkles ✨
- book 📖
- pencil ✏️
- pager 📟

$$\int_{\partial ⌛} 🐸 = \int_{⌛} \mathrm{d}🐸$$

5 🍒 Thebibliography

5.1 Reference

5.2 oeyoews

bibfile or with next miss, because this number is same [1] this is a oeyoews reference

6 Table

Table 1: Title of table

a11	a12
a21	a22

7 Formula

$$\sqrt{x} + \sqrt{x^2} + \sqrt{y} = \sqrt[3]{k_i} - \frac{x}{m}$$

$$\lim_{x \to \infty} x_{22}^2 - \int_1^5 x\mathrm{d}x + \sum_{n=1}^{20} n^2 = \prod_{j=1}^{3} y_j + \lim_{x \to -2} \frac{x-2}{x}$$

7.1 inline formula

$f = m^2$

7.2 display block formula

$$E = mc^2.$$

7.3 Equation

$$f = ma \tag{1}$$

$$s = vt \tag{2}$$

$$A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix} \tag{3}$$

7.4 Matrix

$$\begin{bmatrix} 1 & 2 & \cdots \\ 67 & 95 & \cdots \\ \vdots & \vdots & \ddots \end{bmatrix}$$

7.5 math group

$$\begin{cases} f = ma \\ s = vt \end{cases} \tag{4}$$

8 ❎ TODO

- learn cls sty file

8.1 ☑ DONE

- learn book to connect emoji
- this ref pag is not right
- this includeonly difference with include(linke cinclude and define? or input); use includeonly to compile specific file temporarily
- how use indenpend file, even have relative path, to compile
- how to set maintex's current to root path to replace slash /
- this showlabels have different view in local and remote(action), so put this package to last line
- img how to recursive search
- solve relative path, such bib img
- https://tex.stackexchange.com/questions/36988/regarding-the-book-report-and-article-document-classes-what-are-the-mai

9 🔗hyperref

this is a hyper link

9.1 hyper compile test

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9.2 hyper test two

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10 hyper compile

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but if use latexmk directly, this question will solved,(for two comile only now), actually this command execute two time to generate pdf file, so it's normal. latexmk virtue

11 📖Pargraph

paratest

11.1 section para

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12 figtest-math01

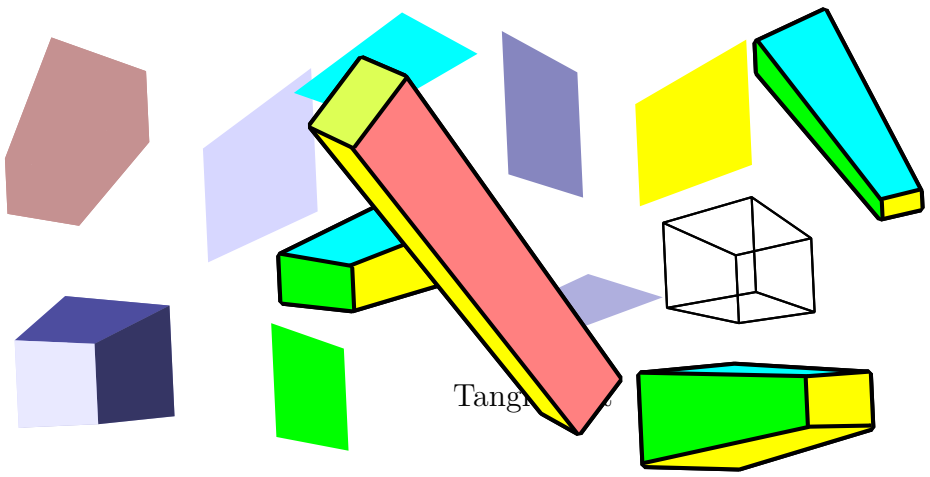

Figure 1: figtest-math01

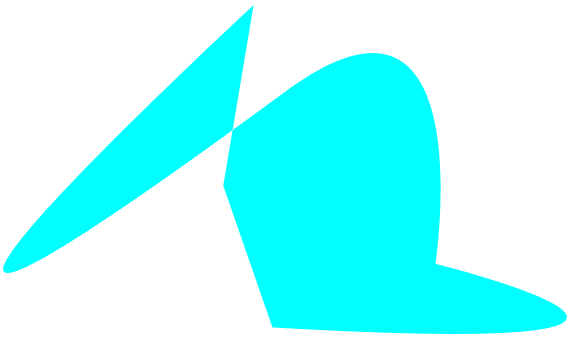

Figure 2: figtest-math02

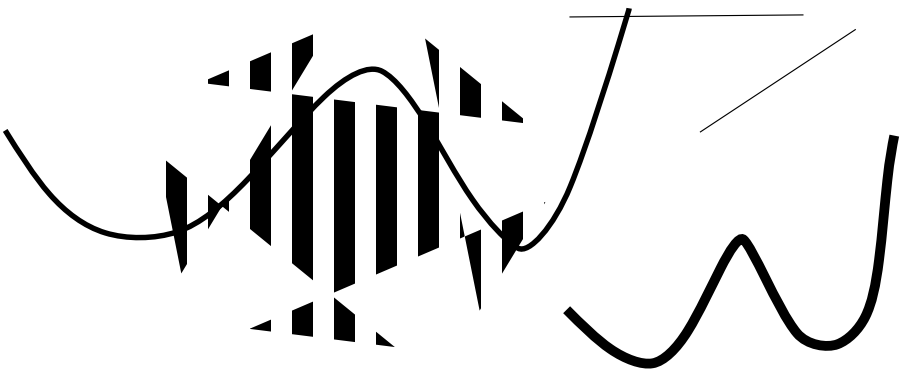

Figure 3: test-visual

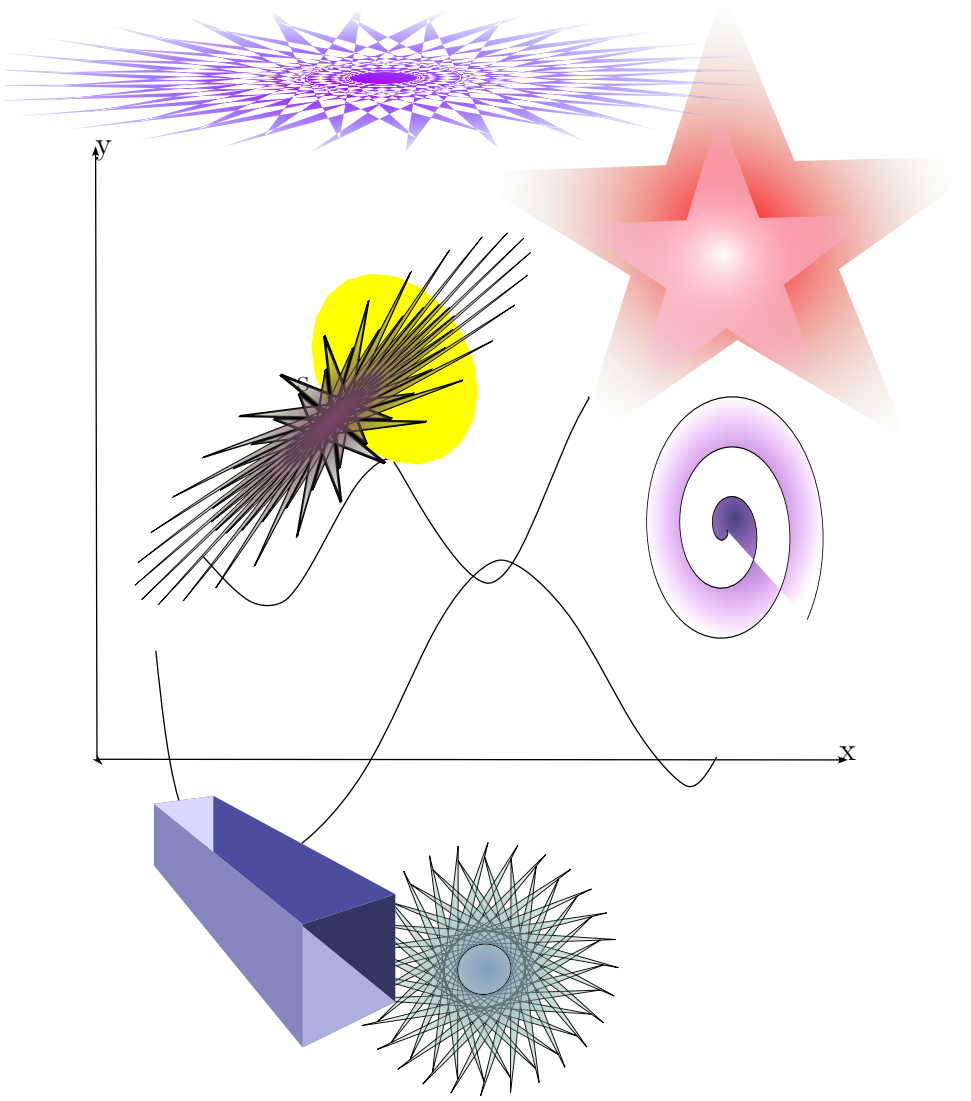

Figure 4: misc

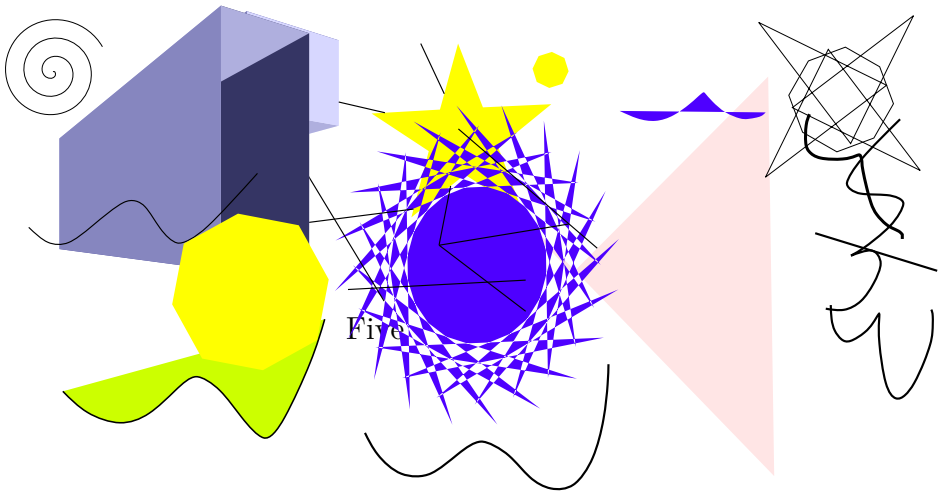

Figure 5: newf

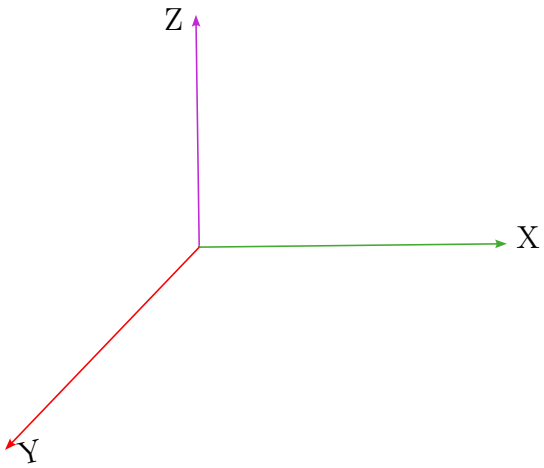

Figure 6: pure

13 📖 Images

Figure 7: island

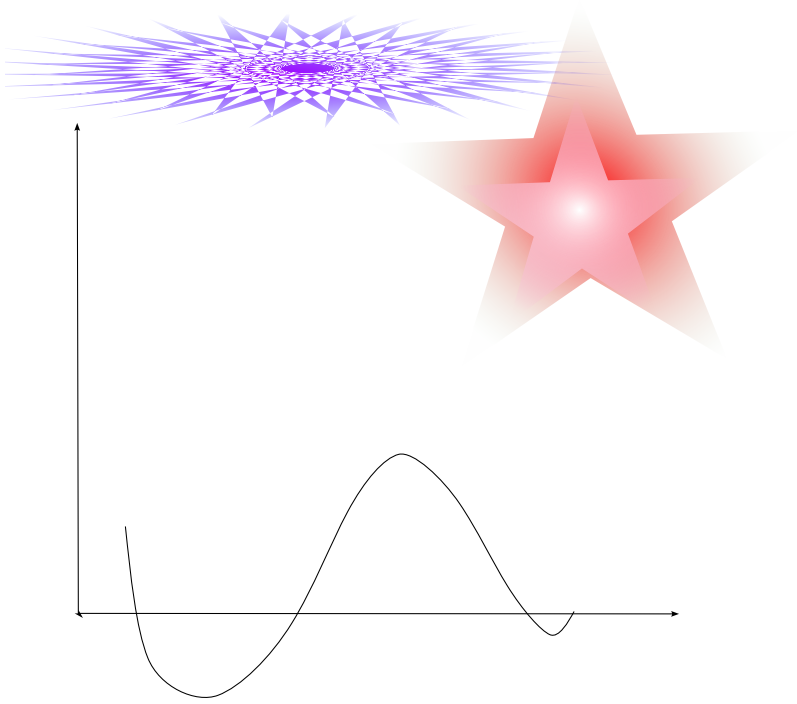

Figure 8: misc

References

[1] Rudolf Wille. *Restructuring Lattice Theory: An Approach Based on Hierarchies of Concepts*, pages 445–470. Springer Netherlands, Dordrecht, 1982.