

spBeamer Document

Sweet Pastry

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Summary

1 How to use it

- Preamble and Info Command
- The options

2 Some example

- Math

- `tikz`

- `tikz-cd`

- `circuitikz`

- `chem`

3 Thanks to, I learn a lot from them!

How to use it

Subsection 1

Preamble and Info Command

Preamble

In the preamble, please provide the following details to complete your Beamer presentation setup:

```
\documentclass[  
    style = 2, % default o  
    bibstyle = apa, % if you need apa  
    lang = cn, % if you write in Chinese  
{spBeamer}
```

```
\spAuthor{Your name}  
\spAuthorInShort{Your name in short}  
\spTitle{This Beamer's title}  
\spSubtitle{This Beamer's subtitle if you need}  
\spAffiliation{Your affiliation}  
\spAffiliationInShort{Your affiliation in short if you need}  
\spDate{default ``\today`}
```

Some clarifications

Q: What is the difference between `\spAuthor` and `\spAuthorInShort`?
Similarly, what distinguishes `\spAffiliation` from
`\spAffiliationInShort`?

A: "InShort" will be used in footline.

Subsection 2

The options

Options

The value in the right of = is default value.

```
lang = en % english mode default
style = 0 % DarkRed style default
bibstyle = ieee & gb7714-2015 % when en and cn
ref = ref % if your .bib file has other name, change it
colorlinks = true
nocite = true
```


Some example

Almost every feature in `spArticle` is also supported in `spBeamer`.

Subsection 1

Math

math

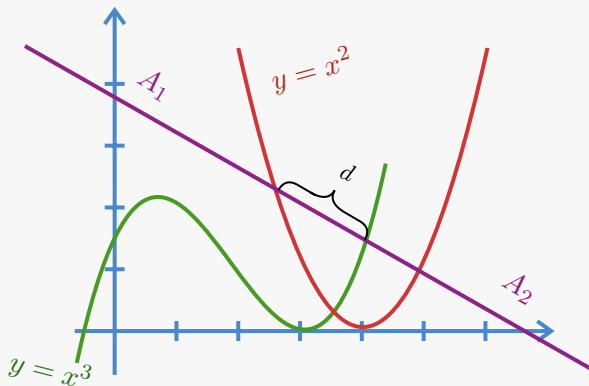
$$\langle x_f, t_f | x_i, t_i \rangle = \int \mathcal{D}[x(t)] \exp\left(\frac{i}{\hbar} S[x(t)]\right), \quad (1)$$

$$\gamma_{\text{Berry}} = i \int_C \langle \psi(\lambda) | \nabla_\lambda \psi(\lambda) \rangle \cdot d\lambda, \quad (2)$$

Subsection 2

tikz

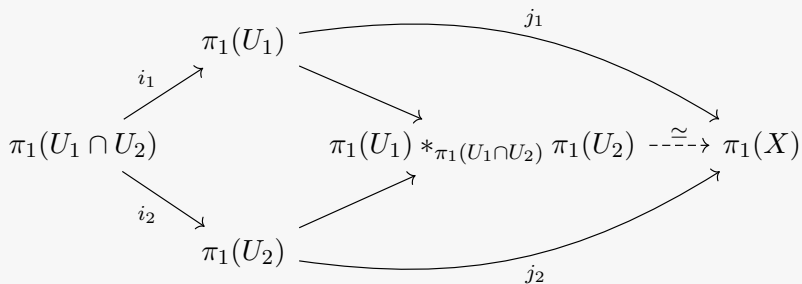
normal tikz



Subsection 3

`tikz-cd`

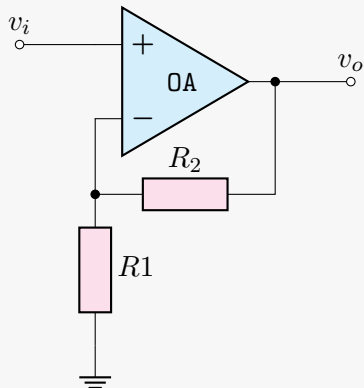
tikz-cd



Subsection 4

circuitikz

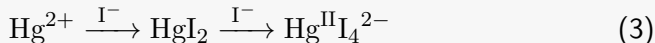
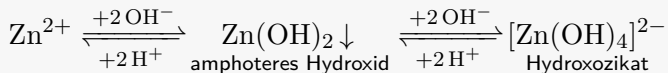
circuitikz

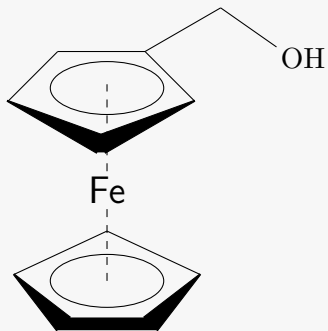


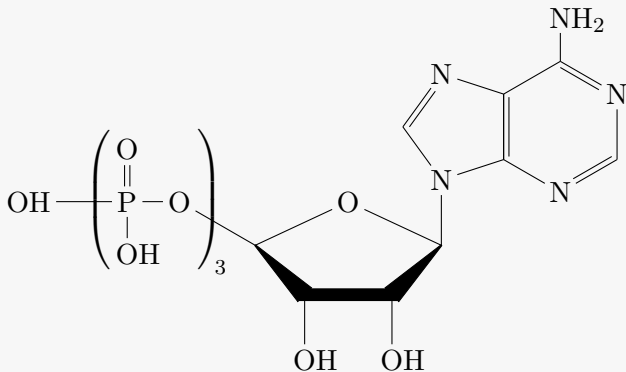
Subsection 5

chem

mhchem and chemfig







Thanks to, I learn a lot from them!

Special thanks to the Dead Physicists Society for their template, which served as the basis for this revision. I greatly appreciate their contribution!"

References

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- [3] T. Wasserman, “tikzcd: Commutative diagrams with TikZ,” (2024),
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- [5] N. Alves, “Dead physicists society presentation template,” (2019),
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The End