spBeamer Document

Sweet Pastry

Fudan University, Shanghai, China

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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

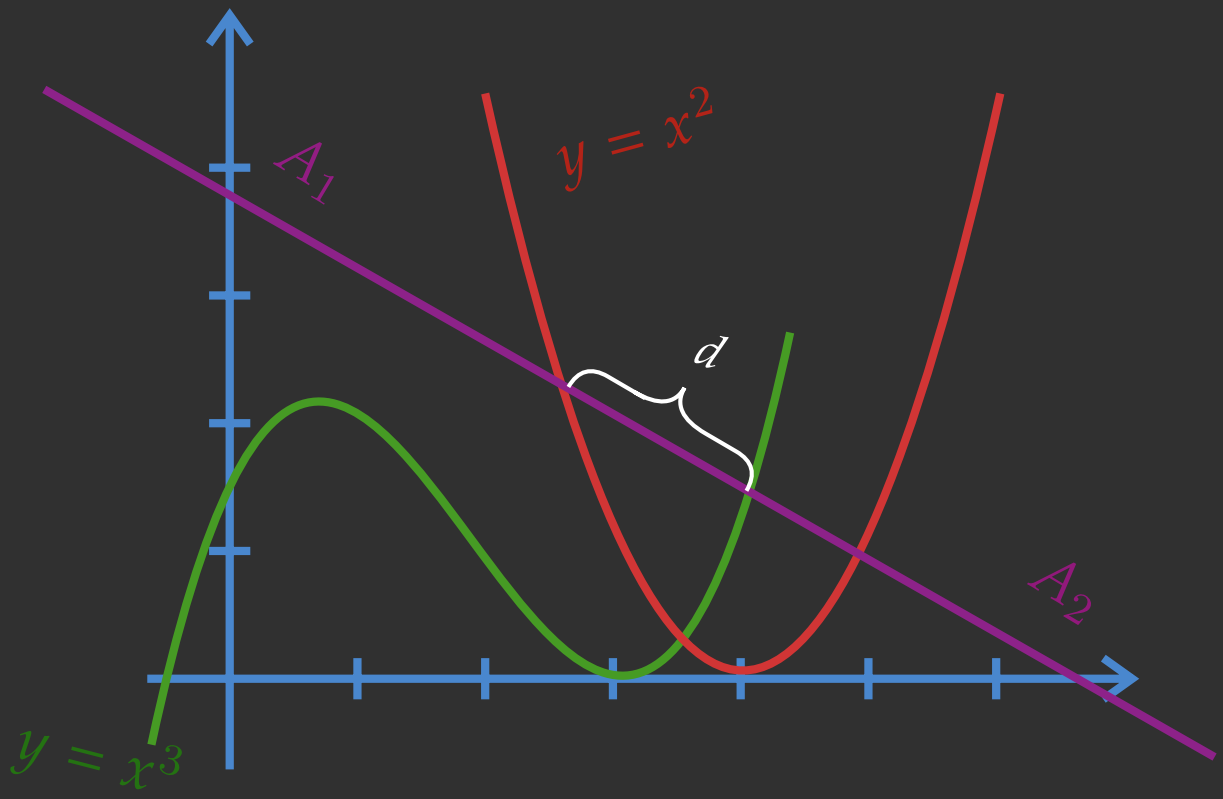
$$\langle x_f, t_f \,|\, x_i, t_i \rangle = \int \mathcal{D}[x(t)] \, \exp\left(\tfrac{i}{\hbar} S[x(t)]\right), \tag{1}$$

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

Subsection 2

tikz

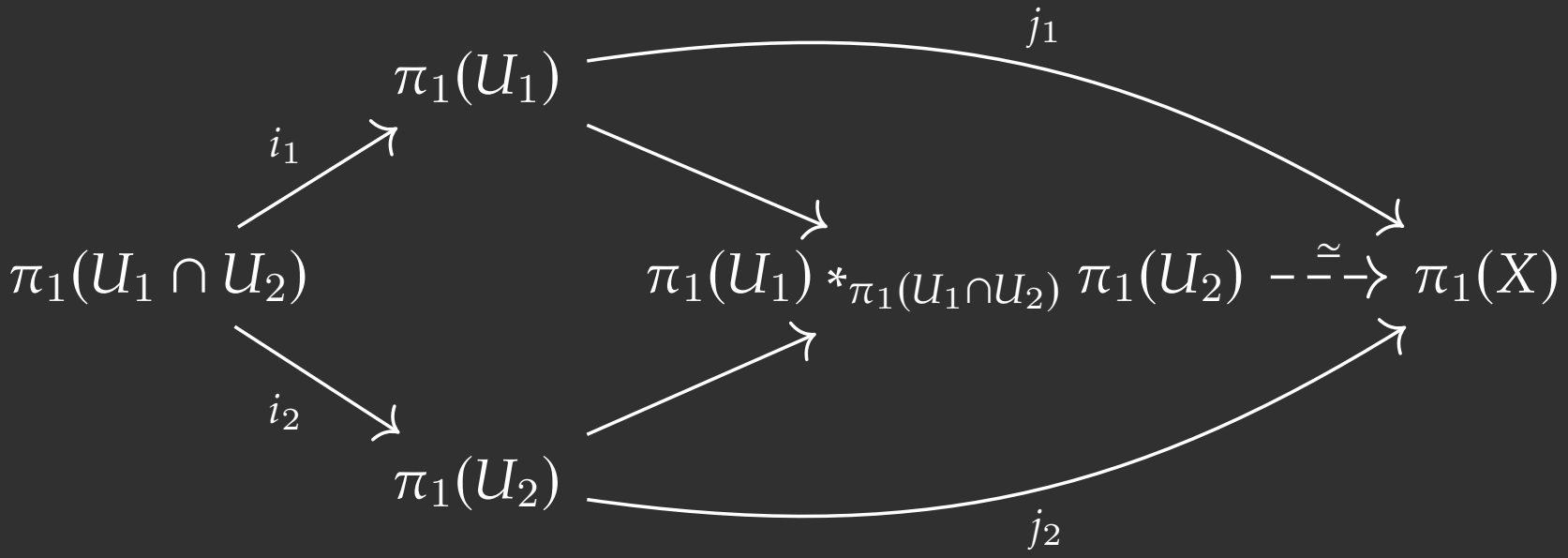
normal tikz



Subsection 3

tikz-cd

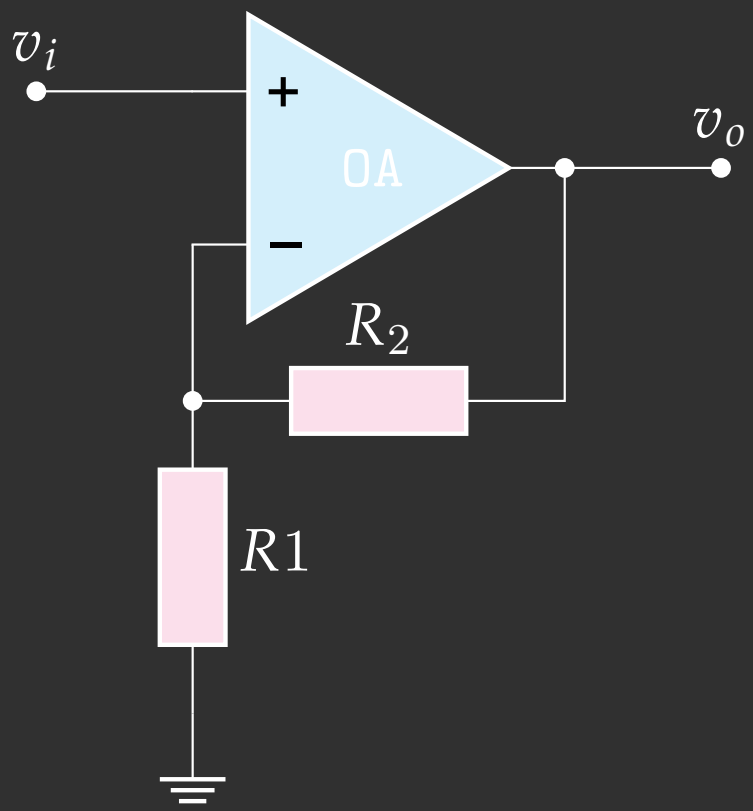
tikz-cd


$\pi_1(U_1)$
j_1
i_1
$\pi_1(U_1 \cap U_2)$
$\pi_1(U_1) *_{\pi_1(U_1 \cap U_2)} \pi_1(U_2)$
$\pi_1(X)$
i_2
$\pi_1(U_2)$
j_2

Subsection 4

circuitikz

circuitikz



Subsection 5

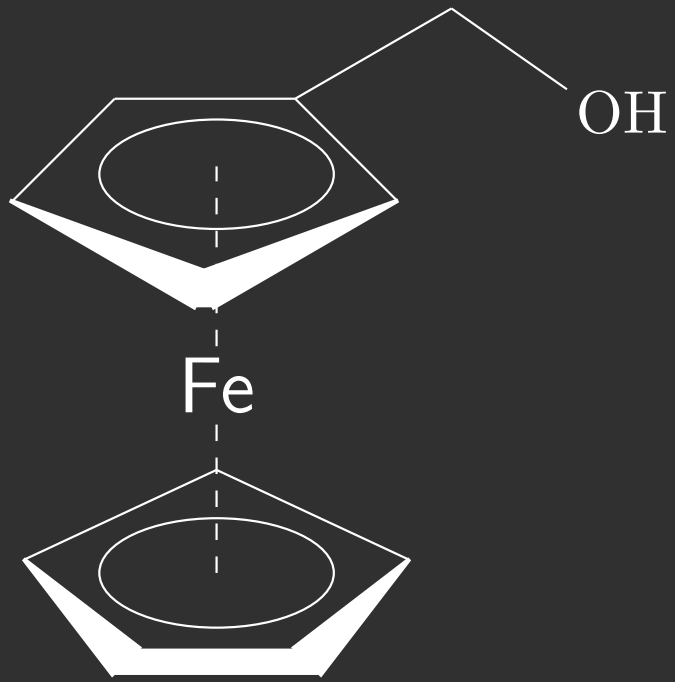
chem

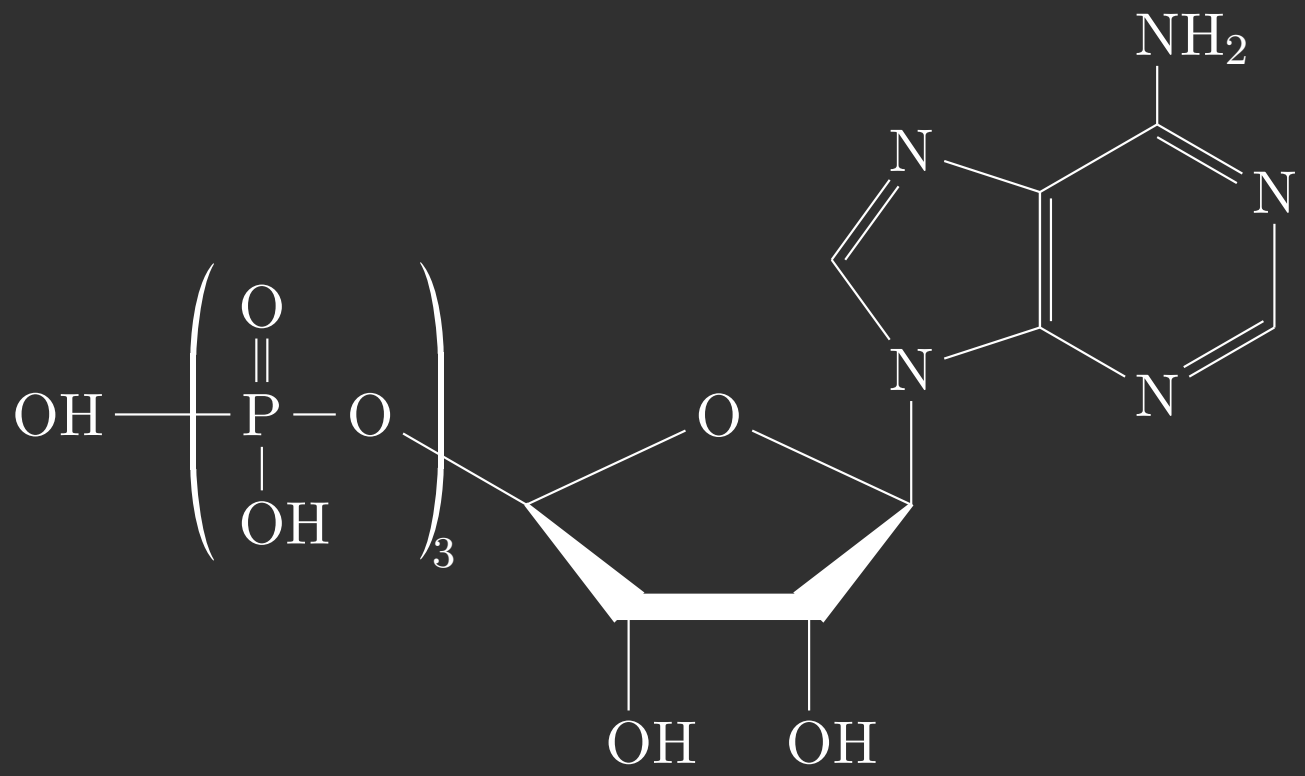
mhchem and chemfig

$$\mathrm{Zn^{2+}} \underset{+2\,\mathrm{H^+}}{\overset{+2\,\mathrm{OH^-}}{\rightleftharpoons}} \underset{\text{amphoteres Hydroxid}}{\mathrm{Zn(OH)_2\downarrow}} \underset{+2\,\mathrm{H^+}}{\overset{+2\,\mathrm{OH^-}}{\rightleftharpoons}} \underset{\text{Hydroxozikat}}{\mathrm{[Zn(OH)_4]^{2-}}}$$

$$x\,\mathrm{Na(NH_4)HPO_4} \xrightarrow{\Delta} (\mathrm{NaPO_3})_x + x\,\mathrm{NH_3}\uparrow + x\,\mathrm{H_2O}$$

$$\mathrm{Hg^{2+}} \xrightarrow{\mathrm{I^-}} \mathrm{HgI_2} \xrightarrow{\mathrm{I^-}} \mathrm{Hg^{II}I_4{}^{2-}} \tag{3}$$


OH
Fe


NH2
N
N
N
N
O
OH
P
O
O
OH
3
OH
OH

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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The End