magicwatermark 宏包¹

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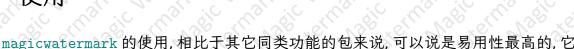
```
\MagicWatermark{
    setup = {
        pages = \{*\},
        content = \{P-\land thepage\},\
        style = {shift = {(.5\textwidth, .5\textheight + \headheight +
   \headsep)}, scale = 3, text = cyan, font = \ttfamily}
    setup = {
      pages = {even},
      style = {scale = 5, text = pink},
      content = {Watermark},
      is append
    },
    setup = {
      pages = \{2-i\},
      style = {text width = 1.7\paperwidth, rotate = 45, align = left, font =
   \Large, opacity = .1},
      content = {
          \foreach \x in {0, ..., 500} {Magic Watermark }
      },
      is append
    }
}
```

¹https://github.com/ljguo1020/magicwatermark

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Magic Maie Nagic Waterin ic Matermark Matic M ic Watermark AND WATE magicwatermark 是一个全新的水印宏包,在 2022 年 6 月 17 日发布了第一 并不是基于第一版,而是进行了重构.

magicwatermark 基于 tikz 和 expl3, 可以灵活的设置背景或水印.



Maje Watering alwaik Magic naik Magic 12 magicwatermark 的使用,相比于其它同类功能的包来说,可以说是易用性最高的,它只提 供了一个命令\MagicWatermark,命令参数由多个setup 规则组成.

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       \MagicWatermark{
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        setup = {},
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       setup = {},
inaix Magic
       }
```

Nagic Nater 2.1

art Magic Mais L. I. Malic Watermark Makic V ↑逗号分割列 →中页码为第 2, 4, 5, 8, 9, pages 共接受 4 种配置规则, Waternark Magic Wa 4, e Malic Wale Jakarmark Magic Wat Magic Watermark Magic Naternait Jatarman Magic Wa enzeic Watermark 表示选中页码为第 2, 4, 5, 8, 9, 10 这些页面. Matic Watermaix

Starmark Magil

- *,表示所有页面;
- odd 和 oven, 表示奇偶页;
- 范围, 形如 3-5, 12-ii;
- 表达式, 形如 2X+1, 2X²+X+1, 但是变量必须为 X.

这里假定页面总页数为 24 页,

```
      pages 配置规则

      pages = {*}
      => 1, 2, 3, ..., 24

      pages = {odd}
      => 1, 3, 5, ..., 23

      pages = {1, 3, 5-10}
      => 1, 3, 5, 6, 7, ..., 10

      pages = {1-5, 8, 20-ii}
      => 1, 2, ..., 5, 8, 20, 21, ..., 23

      pages = {3X + 1}
      => 1, 4, 7, 10, ..., 22
```

2.2 content

content 用来设置水印的内容,它被放在了tikz的 node 中,为此,想要灵活的设置它,您需要对 node 有一些了解.

2.3 style

style 用于设置容纳水印内容的 node 的样式,默认为 inner sep = Opt, outer sep = Opt, opacity = .5, align = left.

2.4 is append

is append 用于设置是否覆盖当前页已有的水印,可选值为 true 和 false.

3 使用案例

```
为所有页面右上角添加页码

\MagicWatermark{
setup = {
    pages = {*},
    content = {P-\thepage},
}
```

```
armait Magic Waterini
             "Walk Wagic
all Masic No
                   style = {shift = {(.5\textwidth, .5\textheight + \headheight + \headsep)},
Magic Water
                 scale = 3, text = cyan, font = \ttfamily}
zėje Materinė
             }
```

为偶数页页面中心添加文字 Watermark

```
\MagicWatermark{
               setup = {
                 pages = {even},
                 style = {scale = 5, text = pink},
                 content = {Watermark},
* Magic Maj
                                                                                                ermaik Magi
                 is append
Nagic Waters
               }
```

为第二页到最后一页设置铺满整个页面的文字

```
\MagicWatermark{
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pages = \{2-i\},\
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