# Style of Nankai University

## Beamer 模板

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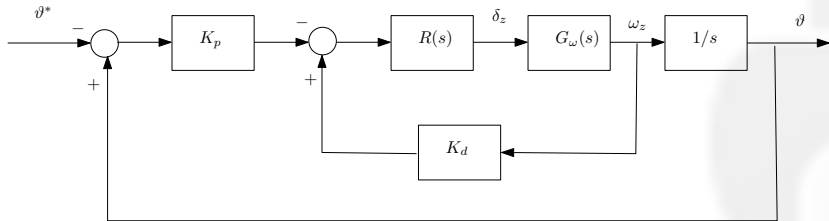
# 目录

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# 枚举

1. No one has done it.

2. I need one.

# 算法

**Algorithm 1** 背景减除

1: 初始化

2: **repeat**

3: 　获取第 t 帧图像

4: **until** 所有帧都被处理

# 框架:**Why I made this I**

## Demonstration of the use of items and blocks

- No one has done it.

$$e = mc^2$$

- I need one.

# 目录

## A Two-column Slide



图 1: 插入图片示例

颜色如图**??**，以及 e.g. red, orange, blue

# 无序列表

   **i** first of all

  **ii** besides

 **iii** last but not least

$$e^{\pi j} + 1 = 0 \tag{1}$$

- first

- second

# 表格

| 甲 | 乙 |
| --- | --- |
| 11 | 12 |
| 21 | 22 |
| 31 | 32 |

表 1: 插入表格示例

## code highlight

```
1  public class Hello{
2      public static void main(String args[]){
3          System.out.println("hello,world");
4      }
5  }
```

```
 1  import numpy as np
 2  import matplotlib.pyplot as plt
 3  import rec
 4  import math
 5
 6  C = rec.data
 7  print(C)
 8  A = rec.initMat(C)
 9  print(A)
10  S = rec.svdEst(A)
11  print(S)
12
13  m,n  = A.shape
14  B = np.dot(S,A.T).T
15  plt.imshow(B)
16  x = []
17  y = []
```

```python
18
19  for i in range(m):
20    print(np.sum(S[i,:]))
21    for j in range(n):
22      if C[i,j] != 0:
23        x.append(A[i,j])
24        y.append(B[i,j])
25
26
27  plt.scatter(x,y)
28  #plt.xlim(1,5)
29  #plt.ylim(0,5)
30  xt = [1.0,5.0]
31  plt.title("svd after change")
32  #print(C)
33
34  plt.show()
```

## theorem and proof

### Theorem 1 (Lévy)

令 $F(x), \varphi(t)$ 分别为随机变量 $X$ 的分布函数和特征函数。假定 $F(x)$ 在 $a + h$ 和 $a - h(h > 0)$ 处连续，则有

$$F(a+h) - F(a-h) = \lim_{T \to \infty} \frac{1}{\pi} \int_{-T}^{T} \frac{\sin ht}{t} e^{-ita} \varphi(t) dt \qquad (2)$$

### Proof.

略。□

### T

est block!

# reference

- These files are based on Edward Hartley's work (`http://www-control.eng.cam.ac.uk/Main/EdwardHartley`)
- Beamer style of Beihang

# 谢谢大家！