书籍标题

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2014-04-23

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第一部分

我爱 $\TeX$

第一章　简单介绍

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Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

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Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetuer.

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Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.
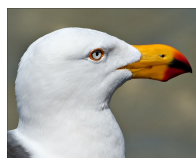
第二部分

我的 LaTeX 模板

第一章 插入图片

图 2.1-1: 基本插入技巧

2.1.1 基本插入技巧

图 2.1.1-1: 多图片并排

(a) First caption

(b) Second caption (c) Third caption
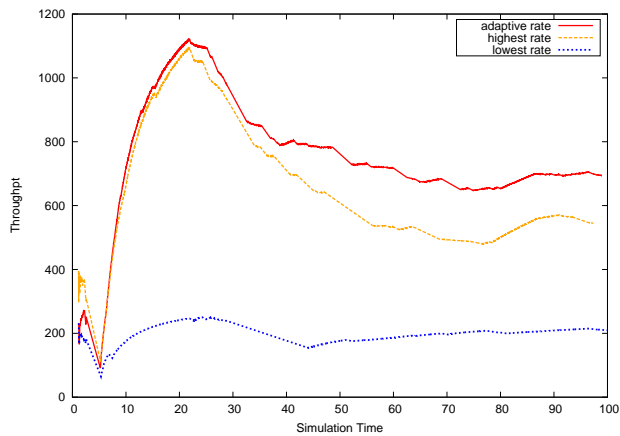
图 2.1.1-2: subfigure 的使用

图 2.1.2-1: 边注标题

2.1.2 测试计数器

It happens that you'll generate figures with too much (or too little) white space on the top or bottom. In such a case, you can simply make use of the optional argument [lineheight]. It specifies the height of the figure in number of lines of text. Also remember that the environment center adds some extra white space at its top and bottom;

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图 2.1.2-2: 图片环绕

Also remember that the environment center adds some extra white space at its top and bottom;

第二章　插入表格

2.2.1　常见表格
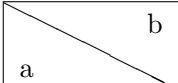
表 2.2.1-1: 多行多列表格

Team Sheat		
Goalkeeper	GK	Paul Robinson
Defenders	LB	Lucus Radebe
	DC	Michael Duberry
	DC	Dominic Matteo
	RB	Didier Domi
Midfielders	MC	David Batty
	MC	Eirik Bakke
	MC	Jody Morris
Forward	FW	Jamie McMaster
Strikers	ST	Alan Smith
	ST	Mark Viduka

表 2.2.1-2: @ 表达式

3.14159
16.2
123.456

表 2.2.1-3: 单元格对角线

2.2.2　复杂表格

表 2.2.2-1: 合并多行多列

SAF 2507 stainless steel	(E, ν, σ_y, n)=(200 GPa, 0.3, 675 MPa, 0.19)						
Friction coefficient	H (GPa)			E (GPA)			
	O & P	FEM	Diff (%)	O & P	Err(%)	FEM	Err(%)
Conical indenter ($\theta = 63.14°$)							
μ=0.0	4.23	3.60	0	230	14.99	210	5.00
μ=0.05	4.23	3.73	3.61	230	14.99	213	6.50
μ=0.1	4.23	3.80	5.56	230	14.99	216	8.00
μ=0.15	4.23	3.88	7.78	230	14.99	218	9.00
μ=0.3	4.23	3.99	10.83	230	14.99	221	10.50
μ=0.6	4.23	3.99	10.83	230	14.99	221	10.50
μ=1.0	4.23	3.99	10.83	230	14.99	221	10.50
Spherical indenter							
μ=0.0	3.84	3.43	0	218	8.95	206	3.00
μ=0.05	3.84	3.49	1.75	218	8.95	208	4.00
μ=0.1	3.84	3.57	4.08	218	8.95	210	5.00
μ=0.15	3.84	3.62	5.54	218	8.95	212	6.00
μ=0.3	3.84	3.66	6.71	218	8.95	213	6.50
μ=0.6	3.84	3.66	6.71	218	8.95	213	6.50
μ=1.0	3.84	3.66	6.71	218	8.95	213	6.50

第三章　插入代码

代码 2.3.1: C 语言代码

```
using namespace std;
int main(void)
{
    // 创建一个简单的程序
    std::cout << "hello" << endl; // sample code α
    return 0;
}
```

代码 2.3.2: 伪代码

```
for i:=maxint to 0 do
begin
{ do nothing }
end;
Write' (Case insensitive ' );
Write' (Pascal keywords' .);
```

代码 2.3.3: latex 代码

```
\documentclass{article}
\usepackage{listings}
\ title {Sample Document}
\author{John Smith}
\date{\today}
\begin{document}
\maketitle
Hello World!
% This is a comment.
\end{document}
```

Sample Document

Pythonee

site:	**py-note.appspot.com**
email:	**pythonee@gmail.com**

```
1  \ title {Sample Document}
   \author{Pythonee}
3  \date{\today}
   \begin{document}
5  \maketitle
   % This is a comment.
7  \end{document}
```

随意使用 任意修改

2013 年 3 月 16 日

代码 2.3.4: 导入 python 代码

```python
import os,sys

from itertools import chain

paths = ['D:\\Dropbox\\Document\\Latex',
         'D:\\Dropbox\\Document\\xeLate',
         'D:\\Dropbox\\Document\\Resume',
         'D:\\Dropbox\\Document\\Master Project']

suffixs = ['.log','.aux','.bbl','.blg','.ilg','.toc',
           '.lof','.lot','.idx','.ind','.out','.brf',
           '.glo','.gls']

for root,dirs, files in chain.from_iterable(os.walk(path) for path in paths):
    for file in files :
        pathtofile = os.path.join(root, file )
        filename, ext = os.path.splitext( file )

        if ext in suffixs :
            print filename,ext
            try:
                os.remove(pathtofile)
            except IOError:
                print 'error'
```

Algorithm 1 Euclid's algorithm

1: **procedure** EUCLID(a, b) ▷ The g.c.d. of a and b
2:     $r \leftarrow a \bmod b$
3:     **while** $r \neq 0$ **do**   ▷ We have the answer if r is 0
4:         $a \leftarrow b$
5:         $b \leftarrow r$
6:         $r \leftarrow a \bmod b$
7:     **end while**
8:     **return** b ▷ The gcd is b
9: **end procedure**

代码 2.3.5: SQL 代码高亮

```sql
SELECT name, password FROM users WHERE name=UNION SELECT
```

第四章　一些命令

2.4.1　非常实用的一些自定义命令

C++

TEX[1, 2]

- this is $\boxed{\text{a text to be highlighted}}$

- this is a text to be $\boxed{\text{highlighted}}$

- this is a text to be $\boxed{\text{highlighted}}$

$$\boxed{x + \frac{z}{y}} = 100$$
$$x + \boxed{y} = 100$$

2.4.2　插入定理

定理 2.4.2.1 (均值不等式) 设 A, B 是两个实数, 则 $2AB \leq A^2 + B^2$.

定义 1 (均值不等式) 设 A, B 是两个实数, 则 $2AB \leq A^2 + B^2$.

Hello 索引 world 这个单词

跋

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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[2] Leslie Lamport. *LATEX: A Document Preparation System*. Addison-Wesley, Reading, Massachusetts, 1986. [10]

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