

# **L<sup>A</sup>T<sub>E</sub>X: 插图与插表**

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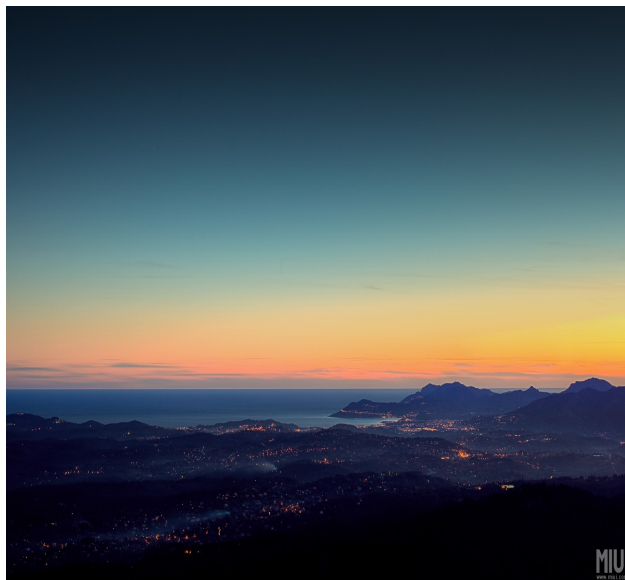


图 1: demo

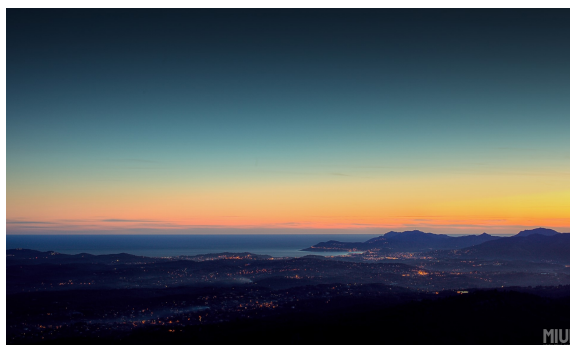
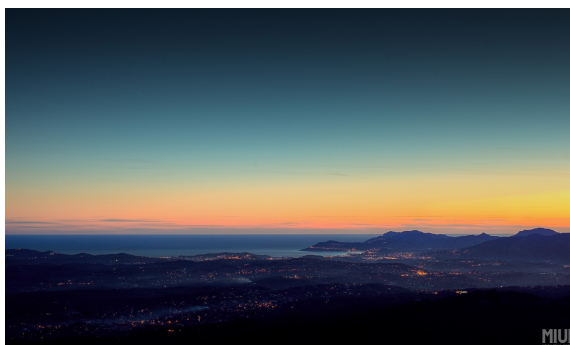


图 2: 水平插入两张图片

## 1 插图

### 1.1 基本插图方法

允许的图片格式: pdf / jpg / png / eps / bmp

基本环境定义格式:

according to the picture 1, .....

水平插入两张图片

竖直插入两张图片

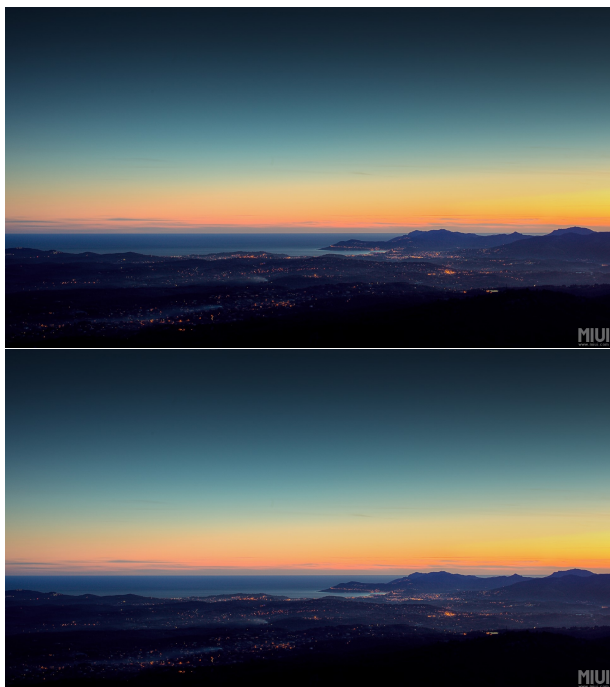


图 3: 竖直插入两张图片

## 1.2 自定义标题格式

# 2 插表

## 2.1 基本表格参数

l:左对齐 c:居中 r:右对齐

pwidth:单元格固定宽度width

|:绘制竖线

hline:绘制横线

left	center	right	par box with fixed width
l	c	r	p

绘制跨越不同单元格的横线 cline命令

1	2	3
4	5	6
7	8	9

表 1: demo

1	2	3
1	2	3
4	5	6

表 2: 带斜线的表格

2	A	B
1		
1	2	3
4	5	6
7	8	9

## 2.2 三线表的排版(booktabs)

	1	2	3
a	1	2	3
b	1	2	3

According to the picture 1, we can see that...

## 2.3 合并单元格的方法

### 2.3.1 水平方向

1	2	3
x		y
4	z	

### 2.3.2 垂直方向(multirow)

text	item1
	item2
	item3

## 2.4 带斜线的表格

# 3 浮动体

内容丰富的文章或者书籍往往包含许多图片和表格等内容。这些内容的尺寸往往太大，导致分页困难。 $\text{\LaTeX}$ 为此引入了浮动体的机制，令大块的内容可以脱离上下文，放置在合适的位置。

## 3.1 共用一个标题

Over at the brand new Aquatics Center, Britain's star diver Tom Daley is going to perform an official launch dive into the Olympic pool.

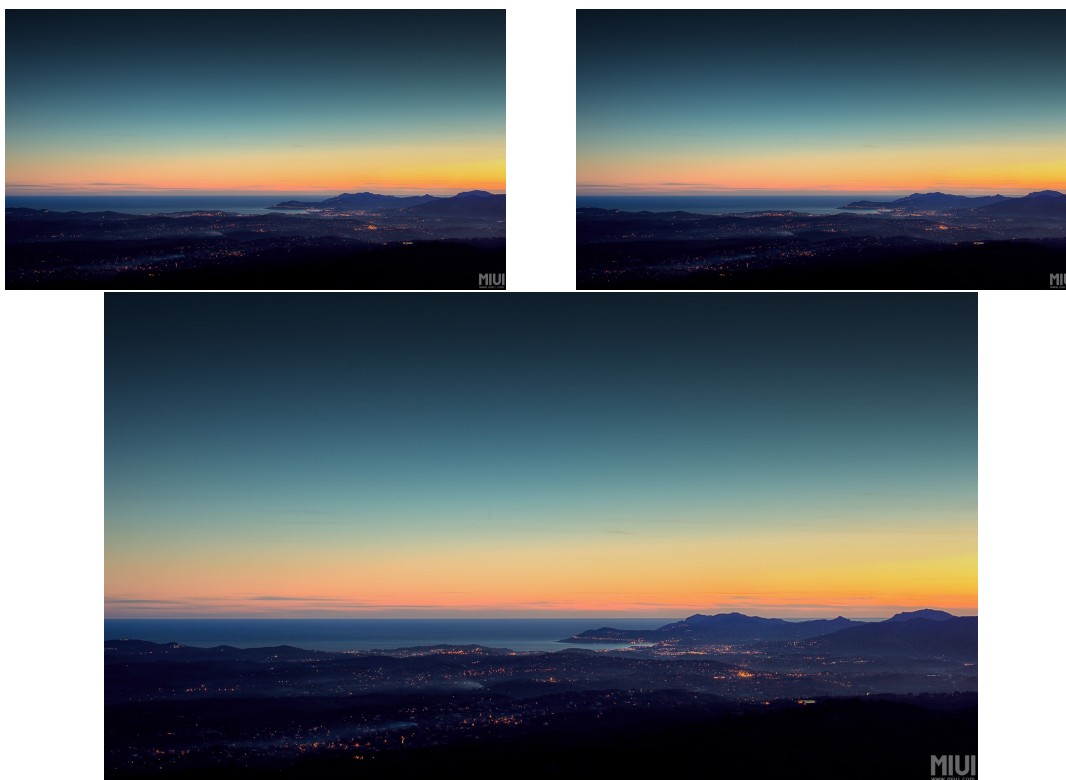


图 4: 共用一个标题

Over at the brand new Aquatics Centre, Britain's star diver Tom Daley is going to perform an official launch dive into the Olympic pool.

Over at the brand new Aquatics Centre, Britain's star diver Tom Daley is going to perform an official launch dive into the Olympic pool.

figure 4 and 5

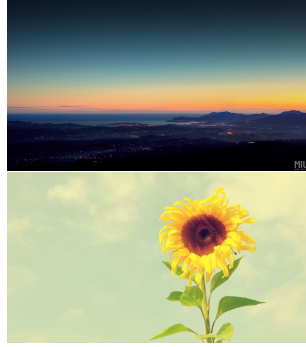
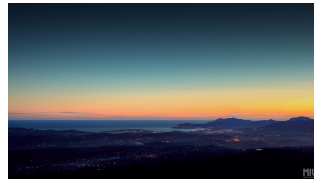


图 5: figure



(a) fig1



(b) fig2

图 6: 子标题举例

Over at the brand new Aquatics Centre, Britain's star diver Tom Daley is going to perform an official launch dive into the Olympic pool.

### 3.2 大标题+子标题

this is the figure 6 and it contains two pictures which are figure 6a and 6b.

### 3.3 单独的标题

7 and 8

## 4 将excel表格转换为latex代码

使用excel插件: Excel2LaTeX

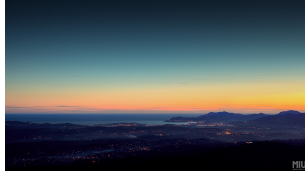


图 7: fig3



图 8: fig4

插件下载网址: <https://ctan.org/tex-archive/support/excel2latex/>

