# 常用句型

## **Beginning**

1. In this paper, we focus on the need for  
2. This paper proceeds as follow.  
3. The structure of the paper is as follows.  
4. In this paper, we shall first briefly introduce fuzzy sets and related concepts  
5. To begin with we will provide a brief background on the

## **Introduction**

1. This will be followed by a description of the fuzzy nature of the problem and a detailed presentation of how the required membership functions are defined.  
2. Details on xx and xx are discussed in later sections.  
3. In the next section, after a statement of the basic problem, various situations involving possibility knowledge are investigated: first, an entirely possibility model is proposed; then the cases of a fuzzy service time with stochastic arrivals and non fuzzy service rule is studied; lastly, fuzzy service rule are considered.

## **Review**

1. This review is followed by an introduction.  
2. A brief summary of some of the relevant concepts in xxx and xxx is presented in Section 2.  
3. In the next section, a brief review of the .... is given.  
4. In the next section, a short review of ... is given with special regard to ...  
5. Section 2 reviews relevant research related to xx.  
6. Section 1.1 briefly surveys the motivation for a methodology of action, while 1.2 looks at the difficulties posed by the complexity of systems and outlines the need for development of possibility methods.

## **Body**

1. Section 1 defines the notion of robustness, and argues for its importance.  
2. Section 1 devoted to the basic aspects of the FLC decision making logic.  
3. Section 2 gives the background of the problem which includes xxx  
4. Section 2 discusses some problems with and approaches to, natural language understanding.  
5. Section 2 explains how flexibility which often ... can be expressed in terms of fuzzy time window  
6. Section 3 discusses the aspects of fuzzy set theory that are used in the ...  
7. Section 3 describes the system itself in a general way, including the ….. and also discusses how to evaluate system performance.  
8. Section 3 describes a new measure of xx.  
9. Section 3 demonstrates the use of fuzzy possibility theory in the analysis of xx.  
10. Section 3 is a fine description of fuzzy formulation of human decision.  
11. Section 3, is developed to the modeling and processing of fuzzy decision rules  
12. The main idea of the FLC is described in Section 3 while Section 4 describes the xx strategies.  
13. Section 3 and 4 show experimental studies for verifying the proposed model.  
14. Section 4 discusses a previous fuzzy set based approach to cost variance investigation.  
15. Section 4 gives a specific example of xxx.  
16. Section 4 is the experimental study to make a fuzzy model of memory process.  
17. Section 4 contains a discussion of the implication of the results of Section 2 and 3.  
18. Section 4 applies this fuzzy measure to the analysis of xx and illustrate its use on experimental data.  
19. Section 5 presents the primary results of the paper: a fuzzy set model ..  
20. Section 5 contains some conclusions plus some ideas for further work.  
21. Section 6 illustrates the model with an example.  
22. Various ways of justification and the reasons for their choice are discussed very briefly in Section 2.  
23. In Section 2 are presented the block diagram expression of a whole model of human DM system  
24. In Section 2 we shall list a collection of basic assumptions which a ... scheme must satisfy.  
25. In Section 2 of this paper, we present representation and uniqueness theorems for the fundamental measurement of fuzziness when the domain of discourse is order dense.  
26. In Section 3, we describe the preliminary results of an empirical study currently in progress to verify the measurement model and to construct membership functions.  
27. In Section 5 is analyzed the inference process through the two kinds of inference experiments...

## **This Section**

1. In this section, the characteristics and environment under which MRP is designed are described.  
2. We will provide in this section basic terminologies and notations which are necessary for the understanding of subsequent results.Next Section  
2. The next section describes the mathematics that goes into the computer implementation of such fuzzy logic statements.  
3. However, it is cumbersome for this purpose and in practical applications the formulae were rearranged and simplified as discussed in the next section.  
4. The three components will be described in the next two section, and an example of xx analysis of a computer information system will then illustrate their use.  
5. We can interpret the results of Experiments I and II as in the following sections.  
6. The next section summarizes the method in a from that is useful for arguments based on xx

## **Summary**

1. This paper concludes with a discussion of future research consideration in section 5.  
2. Section 5 summarizes the results of this investigation.  
3. Section 5 gives the conclusions and future directions of research.  
4. Section 7 provides a summary and a discussion of some extensions of the paper.  
5. Finally, conclusions and future work are summarized  
6. The basic questions posed above are then discussed and conclusions are drawn.  
7. Section 7 is the conclusion of the paper.

## **Chapter 0. Abstract**

1. A basic problem in the design of xx is presented by the choice of a xx rate for the measurement of experimental variables.  
2. This paper examines a new measure of xx in xx based on fuzzy mathematics which overcomes the difficulties found in other xx measures.  
3. This paper describes a system for the analysis of the xx.  
4. The method involves the construction of xx from fuzzy relations.  
5. The procedure is useful in analyzing how groups reach a decision.  
6. The technique used is to employ a newly developed and versatile xx algorithm.  
7. The usefulness of xx is also considered.  
8. A brief methodology used in xx is discussed.  
9. The analysis is useful in xx and xx problem.  
10. A model is developed for a xx analysis using fuzzy matrices.  
11. Algorithms to combine these estimates and produce a xx are presented and justified.  
12. The use of the method is discussed and an example is given.  
13. Results of an experimental applications of this xx analysis procedure are given to illustrate the proposed technique.  
14. This paper analyses problems in  
15. This paper outlines the functions carried out by ...  
16. This paper includes an illustration of the ...  
17. This paper provides an overview and information useful for approaching  
18. Emphasis is placed on the construction of a criterion function by which the xx in achieving a hierarchical system of objectives are evaluated.  
19. The main emphasis is placed on the problem of xx  
20. Our proposed model is verified through experimental study.  
21. The experimental results reveal interesting examples of fuzzy phases of: xx, xx  
22. The compatibility of a project in terms of cost, and xx are likewise represented by linguistic variables.  
23. A didactic example is included to illustrate the computational procedure

## **Time**

1. Over the course of the past 30 years, .. has emerged form intuitive  
2. Technological revolutions have recently hit the industrial world  
3. The advent of ... systems for has had a significant impact on the  
4. The development of ... is explored  
5. During the past decade, the theory of fuzzy sets has developed in a variety of directions  
6.The concept of xx was investigated quite intensively in recent years  
7. There has been a turning point in ... methodology in accordance with the advent of ...  
8. A major concern in ... today is to continue to improve...  
9. A xx is a latecomer in the part representation arena.  
10. At the time of this writing, there is still no standard way of xx  
11. Although a lot of effort is being spent on improving these weaknesses, the efficient and effective method has yet to be developed.  
12. The pioneer work can be traced to xx [1965].  
13. To date, none of the methods developed is perfect and all are far from ready to be used in commercial systems.

## **Objective / Goal / Purpose**

1. The purpose of the inference engine can be outlined as follows:  
2. The ultimate goal of the xx system is to allow the non experts to utilize the existing knowledge in the area of manual handling of loads, and to provide intelligent, computer aided instruction for xxx.  
3. The paper concerns the development of a xx  
4. The scope of this research lies in  
5. The main theme of the paper is the application of rule based decision making.  
6. These objectives are to be met with such thoroughness and confidence as to permit ...  
7. The objectives of the ... operations study are as follows:  
8. The primary purpose/consideration/objective of  
9. The ultimate goal of this concept is to provide  
10. The main objective of such a ... system is to  
11. The aim of this paper is to provide methods to construct such probability distribution.  
12. In order to achieve these objectives, an xx must meet the following requirements:  
13. In order to take advantage of their similarity  
14. more research is still required before final goal of ... can be completed  
15. In this trial, the objective is to generate...  
16. for the sake of concentrating on ... research issues  
17. A major goal of this report is to extend the utilization of a recently developed procedure for the xx.  
18. For an illustrative purpose, four well known OR problems are studied in presence of fuzzy data: xx.  
19. A major thrust of the paper is to discuss approaches and strategies for structuring ..methods  
20. This illustration points out the need to specify  
21. The ultimate goal is both descriptive and prescriptive.  
22. Chapter 2. Literature Review  
23. A wealth of information is to be found in the statistics literature, for example, regarding xx  
24. A considerable amount of research has been done .. during the last decade  
25. A great number of studies report on the treatment of uncertainties associated with xx.  
26. There is considerable amount of literature on planning  
27. However, these studies do not provide much attention to uncertainty in xx.  
28. Since then, the subject has been extensively explored and it is still under investigation as well in  
methodological aspects as in concrete applications.  
29. Many research studies have been carried out on this topic.  
30. Problem of xx draws recently more and more attention of system analysis.  
31. Attempts to resolve this dilemma have resulted in the development of  
32. Many complex processes unfortunately, do not yield to this design procedure and have, therefore, not yet been automated.  
33. Most of the methods developed so far are deterministic and /or probabilistic in nature.  
34. The central issue in all these studies is to  
35. The problem of xx has been studied by other investigators, however, these studies have been based upon classical statistical approaches.  
36. Applied ... techniques to  
37. Characterized the ... system as  
38. Developed an algorithm to  
39. Developed a system called ... which  
40. Uses an iterative algorithm to deduce  
41. Emphasized the need to  
42. Identifies six key issues surrounding high technology  
43. A comprehensive study of the... has been undertaken  
44. Much work has been reported recently in these filed  
45. Proposed/Presented/State that/Described/Illustrated/  
Indicated/Has shown / showed/Address/Highlights  
46. Point out that the problem of  
47. A study on ...was done / developed by []  
48. Previous work, such as [] and [], deal only with  
49. The approach taken by [] is  
50. The system developed by [] consists  
51. A paper relevant to this research was published by []  
52. []'s model requires consideration of...  
53. []' model draws attention to evolution in human development  
54. []'s model focuses on...  
55. Little research has been conducted in applying ... to  
56. The published information that is relevant to this research...  
57. This study further shows that  
58. Their work is based on the principle of  
59. More history of ... can be found in xx et al. [1979].  
60. Studies have been completed to established  
61. The ...studies indicated that  
62. Though application of xx in the filed of xx has proliferated in recent years, effort in analyzing xx, especially xx, is lacking.  
Problem / Issue / Question  
63. Unfortunately, real-world engineering problems such as manufacturing planning do not fit well with this narrowly defined model. They tend to span broad activities and require consideration of multiple aspects.  
64. Remedy / solve / alleviate these problems  
67. ... is a difficult problem, yet to be adequately resolved  
68. Two major problems have yet to be addressed  
69. An unanswered question  
70. This problem in essence involves using x to obtain a solution.  
71. An additional research issue to be tackled is ....  
72. Some important issues in developing a ... system are discussed  
73. The three prime issues can be summarized:  
74. The situation leads to the problem of how to determine the ...  
75. There have been many attempts to  
76. It is expected to be serious barrier to  
77. It offers a simple solution in a limited domain for a complex

# 英语撰写注意事项

# 冠词

## 冠词漏用

Incorrect Figure 2 shows the distribution of relative velocity on surface of main and splitter blades.  
Correct Figure 2 shows the distribution of relative velocity on the surface of the main and splitter blades.

Incorrect A theoretical method for calculating the inner flow-field in centrifugal impeller with splitter blades and investigation of the interactions between main and splitter blades is presented in this paper. The vortices are distributed on the main and splitter blades to simulate the effects of flows. Systematical study of number and distribution of vortices is conducted.  
Correct A theoretical method for calculating the inner flow-field in a centrifugal impeller with splitter blades and an investigation of the interactions between main and splitter blades is presented in this paper. The vortices are distributed on the main and splitter blades to simulate the effects of flows. A systematical study of the number and distribution of vortices is conducted.  
Incorrect Theoretically, remanufacturing could fully take advantage of resources contained in EOF product thereby minimizing impact on environment to the greatest extent compared to landfill or recycling of materials; consequently it contributes greatly to resource conservation.  
Correct Theoretically, remanufacturing could fully take advantage of resources contained in an EOF product thereby minimizing the impact on the environment to the greatest extent compared to landfill or recycling of materials; consequently it contributes greatly to resource conservation.

## 冠词错用

Incorrect The software PowerSHAPE is chosen to be **a** 3D modeling tool; it is good at dealing with free surfaces and curves.

Correct The software PowerSHAPE is chosen to be the 3D modeling tool; it is  
good at dealing with free surfaces and curves.

# 长句

## 长句改写

Too long According to the characteristic of fan-coil air-conditioning systems, this paper derives the cooling formula of fan-coil units based on the heat transfer theories and puts forward a new method to gauge cooling named Cooling Metering on the Airside,which can monitor the individual air-conditioning cooling consumption during a period of time by detecting the parameters of inlet air condition-temperature and humidity-of the fan-coil air-conditioning system as well as the parameters of inlet cooling water provided by the chiller.  
Correct This paper derives the cooling formula of fan-coil units based on the characteristics of fan-coil air-conditioning systems and heat transfer theories, and puts forward a new method to gauge cooling called Cooling Metering on the Air-side. The new method can monitor individual air-conditioning cooling consumption during a period of time by detecting the condition of inlet air-temperature and humidity-of the fan-coil air-conditioning system as well as the parameters of the inlet cooling water provided by the chiller

Too long The gear transmission is grade seven, the gear gap is 0.00012 radians, the gear gap has different output values corresponding to any given input value, nonlinearity of the gear gap model can be described by using the phase function method, the existing backlash block in the non-linear library of the Matlab/zdimulink toolbox can be used, the initial value of gear gap in the backlash block is set to zero.  
Correct The gear transmission is grade seven. The gear gap, which is 0.00012 radians, has different output values corresponding to any given input value. The nonlinearity of the gear gap model can be described by using the phase function method. The existing backlash block in the non-linear library of the Matlab/zdimulink toolbox can be used; the initial value of gear gap in the backlash block is set to zero.

## 长句改清单

**Too long** …where *m* is the mass of the heavy disk mounted at the mid-span of a massless elastic shaft, *e* is the eccentricity of the mass center from the geometric center of the disk, φis the angle between the orientation of the eccentricity and the ξaxis, *k*ξ and *k*η are the stiffness coefficients in two principal directions of shaft respectively, *c* is the viscous damping coefficient of the shaft and the disk, *ci* is the inner damping coefficient of shaft, ωis the rotating speed, ξ*s* and η*s* are the components of initial bend in directions of ξ,η axes respectively: ξ*s*＝*rb* cosθ,η*s=rb*sinθ.  
**Correct** Where

*m* is the mass of the heavy disk mounted at the mid-span of a massless elasticshaft,

*e* is the eccentricity of the mass center from the geometric center of the disk,

φ is the angle between the orientation of the eccentricity and the axis,  
*k*ξ and *k*η are the stiffness coefficients in the two principal directions of the shaft,  
*c* is the viscous damping coefficient of the shaft and the disk,  
*ci* is the inner damping coefficient of the shaft,  
ω is the rotating speed,  
ξ*s* and η*s* are the components of initial bend in directions of ξ,ηaxes, respectively: ξ*s*＝*rb* cosθ, η*s=rb* sinθ*.***Too long** The clear height of the case is 6.15 meters; the thickness of the roof is 0.85  
meters; the thickness of the bottom is 0.90 meters, the overall width is 26.6 meters,  
the overall length of the axial cord is 304.5 meters, the length of the jacking section is  
about 148.8 meters; the weight of the case is about 24127 tons.  
**Clear** Case clearance height 6.15 meters  
Roof thickness 0.85 meters  
Bottom thickness 0.90 meters  
Overall width 26.6 meters  
Overall length of the axial cord 304.5 meters  
Length of the jacking section 148.8 meters (approx.)  
Weight of the case 24127 tons (approx.)

## 主要短句前置

英文通常要将一个句子的主要意思放在目的、定位或者原因的内容前面。中国人比较惯用的语法就是将目的、定位、原因、事例和情况等一些介绍因素放在前面。这样在英语中会被认为削弱了主要意思的重要性，让读者觉得作者不够直接。

Incorrect For the application in automobile interiors, this paper studies the nesting optimization problem in leather manufacturing.  
Correct This paper studies the nesting optimization problem in leather manufacturing for application in automobile interiors.  
Incorrect Especially when numerical control (NC) techniques are widely  
used in industry and rapid prototype methods bring a huge economical  
benefits, the advantage of constructing 3D model becomes extremely obvious.  
Correct The advantage of constructing a 3D model becomes extremely obvious especially when numerical control (NC) techniques are widely used in industry and rapid prototype methods bring a huge economical benefits.  
Incorrect Inside the test box, the space was filled with asbestos.  
Correct The space inside the test box was filled with asbestos.  
Incorrect In practice, we employed this approach to dispose of a  
wheelhouse subassembly of one kind of auto-body, and the results show that this method is feasible.  
Correct We employed this approach to dispose of a wheelhouse subassembly of one kind of auto-body, and the results show that this method is feasible.  
Incorrect To ensure sheet metal quality as well as assembly quality, CMMs are widely used in automotive industry production.  
Correct CMMs are widely used in automotive industry production to ensure sheet metal quality as well as assembly quality.

## 时间短句后置

中文中，我们也常说当\*\*的时候，～。这种倾向于总是把指示时间的短语放在前面也是不妥当的。

Incorrect When U is taken as the control parameter, the BDs for =0.0, 0.001,0.005 are shown in Fig. 8.  
Correct Figure 8 shows the BDs for =0.0, 0.001, and 0.005 when U is taken as the control parameter.

Incorrect Based on the triangulation structure built from unorganized  
points or a CAD model, the extended STL format is described in this  
section.  
Correct The extended STL format is described in this section based on the triangulation structure built from unorganized points or a CAD model.  
Incorrect The 3D dentition defect and restoration element models are  
designed precisely with complicated surfaces.  
Correct The 3D dentition defect and restoration element models with  
complicated surfaces are designed precisely.

# ‘Respectively’和‘respective’

Bobby, Nicole and Daren wore red, green and blue coats, respectively.

## 放错位置，放在了所指的名词的前面

**Incorrect** Equations 2 6 can be **respectively** linearized as:……(equations given)…  
**Correct** Equations 2 6 can be linearized as:……(equations given)…, **respectively**.  
**Incorrect** The weights of the two experts are **respectively** 0.600 and 0.400.19  
**Correct** The weights of the two experts are 0.600 and 0.400, **respectively**.

## 加了等于没加，即使不加这个词，也可以从句子中获得各自对应顺序的信息

Incorrect If both the core technology score and core quality score of a bottleneck process are, respectively, below certain scores, then we refer to strategy 1, otherwise, if either is, respectively, above a certain score, then we refer to strategy 2.Similarly, if the core technology and core quality are, respectively, above a certain score, then we refer to strategy 3, otherwise, if either is, respectively,below a certain score, then we refer to strategy 4.  
Correct If both the core technology score and core quality score of a  
bottleneck process are below certain scores, then we refer to strategy  
1, otherwise, if either is above a certain score, then we refer to strategy 2. Similarly, if the core technology and core quality are above a certain score, then we refer to strategy 3, otherwise, if either is below a certain score, then we refer to strategy 4.  
Incorrect Then, the rows of vortex due to both of the long and short blades are transformed into two singularities on the -plane and integrate the induced velocity along the blades respectively.  
Correct Then, the rows of vortex due to both of the long and short blades are transformed into two singularities on the -plane and integrate the induced velocity along the blades.

## 不知 repectively 指的究竟是什么，也可不必用

Incorrect The dynamic characteristics of a rotor with asymmetric  
stiffness or with initial warp have been studied before respectively.  
Correct The dynamic characteristics of a rotor with asymmetric stiffness or with initial warp have been studied before.  
Incorrect The inlet and outlet temperature of the air cooler were measured using two thermocouples respectively.  
Correct The inlet and outlet temperature of the air cooler were measured by using two thermocouples.

## ‘In this paper’ , ‘in this study’

在惯用英语作者写作的文章中一般只会在两种情况下出现：1 介绍和总结时强调文章内容时；2 在介绍不是由作者完成的工作（如：其它文章或一些常用标准）的后面。因此一篇文章出现这些短句超过三次就要好好检讨了。另外还有一种问题就是错误使用这两个词。Study 指的是作者的研究，而 paper 是表现这种研究的形式。在写作过程中这是需要注意的，可以用其它词语代替这两个词，比如：in this research 和 this paper present。  
Awkward In this paper, IDEAS was used to ….  
Correct In this study, IDEAS was used to….  
Awkward In the paper, a SZG4031 towing tractor is used as the sample  
vehicle, it components equivalent physical parameters are obtained by UG design and testing.  
Correct In this study, a SZG4031 towing tractor is used as the sample vehicle, it components equivalent physical parameters are obtained by UG design and testing.

# 数字和方程

## 不能在一个句子的首个单词这么用

Incorrect 12 parameters were selected for the experiment.  
Correct Twelve parameters were selected for the experiment.

## 过度使用，

在技术论文中，阿拉伯数字可在描述数据时使用，但是在给予一些普通的信息时，不必使用。  
Incorrect All 3 studies concluded that the mean temperature should be 30°C.  
Correct All three studies concluded that the mean temperature should be30°C.

## 方程应该尽可能的使用介绍的方式，而不是将解释插入到文字中间。

Incorrect If the power battery SOC > SOClo and the driving torque belongs  
to the middle load,…  
Correct If the power battery SOC is greater than SOClo and the driving  
torque belongs to the middle load,…

# ‘such as’和‘etc.’

## Such as 和 etc.常常被中国作者用错。

Such as 是举例，它意味着后面所列举的清单是不完全的； etc.是等等的意思， 它跟在一个清单后面， 表示清单的不完整。因此，同时使用 such as 和 etc.是多余的

Incorrect Studies of methodology and process of implementing  
remanufacturing mainly focus on durable products such as automobile motors, printers, and etc.  
Correct Studies of methodology and process of implementing  
remanufacturing mainly focus on durable products such as automobile motors, and printers.

## Such as 表示清单的不完全，如果已经列举完全就没有必要使用这个短语了。 Incorrect Compared to traditional industry, Micro-electronic fabrication has three characteristics such as high complexity, high precision and high automation. Correct Compared to traditional industry, Micro-electronic fabrication has three characteristics: high complexity, high precision and high automation.

# 如何撰写一篇优秀的SIGGRAPH论文

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**一篇优秀的论文应该是这样的**

* 广大的研究同仁介绍了这篇论文所包含的重要想法和所获得的结果
* 在论文中描述清楚你的想法和所获得的结果
* 基于你所做的东西，提供一些具有洞察性的见解

**为什么论文的撰写是需要引起重视的？**

* 提高论文的录取机会
* 提升你所做的工作的影响力
* 提升你所做的研究的质量

**一篇糟糕的论文是这样的**

* **任性的以为**
  + 读者已经知道了你所做的所有事
  + 只要你自己能理解你所撰写的内容，其他人也一定能理
  + 写在论文中的东西已经够明白了，不需要过多的解释
* **认为之前的工作全是垃圾**
  + 之前的方法没啥好的
  + 我们工作简直太棒了
  + 其他人的工作根本不值一提
* **没有提供任何的背景信息（context）**
  + 解释你所要解决的问题
  + 不提及你的假设
  + 不对比其他人的工作
  + 不说明这项工作的意义
* **只是描述你做了什么**
  + 首先我们做了这个，然后我们做了那个，另外我们还做了其他一件事
  + 不解释为什么这么做，也不对最后的结果不加解释和说明
  + 不提及另外可能的方法
* **聚焦在陈芝麻烂谷子的细节上**
  + 以为如果你花了项目的一半时间在调一段代码上，你就得用论文的一半篇幅去描述这件事
  + 认为所有人阅读这篇论文就是为了这些细节，不是为了令人振奋的点子（big ideas )
* **你就是不走寻常路**
  + 创建新的注释（notation）和术语（terminology），仅仅是为了区别于其他人的工作如，f=x(y)
  + 通篇都改变了注释
  + 不对新的或不常用的术语给出具体定义

**一些通用的论文撰写的准则**

* **了解读者的注意力从标题、摘要、介绍和结果、论文主体是依次大幅递减的**
* **标题（Title）**
  + 准确的表述你的工作，如“Computing Scattering Properties of Participating Media using Lorentz-Mie Theory”
  + 激发读者的兴趣，如“Symmetrization”
  + 适当运用小标题，如“Mesh Puppetry: Cascading Optimization of Mesh Deformation with -Inverse Kinematics
* **摘要（Abstract）**
  + 了解“很多人只阅读摘要”这个事实
  + 确保这它是有用的和恰当的
  + 确保它是具体而简洁的，不要太技术
  + 摘要内容应包含（Abstract Content）
  + 你解决的问题
  + 为什么这个问题是有趣的
  + 你的解决方案有什么是新颖的
  + 你的解决方案得到了什么结果，会有什么影响
* **介绍（Introduction）**
  + 为你的论文做铺垫
  + 也许这是你论文最难撰写的部分
  + 需要是非常具有说服力的
  + 介绍的结构可以是这样的
  + 介绍问题
  + 解释为什么这个问题是有趣的
  + 简要介绍常规的解决方法
  + 描述你的解决方案（solution）
  + 大体上介绍你的所采用的方法(approach)
  + 强调这项工作的意义以及它的新颖性
  + 介绍你得到的结果
* **相关的文献（Related works）**
  + 表述地要公正
  + 展示你的知识和理解
  + 相似的技巧可以用在不同的问题上
  + 视论文的篇幅要求，也可以包含在介绍里面
* **论主主体（Body）**
  + 在描述细节前，陈列出你的想法
  + 运用例子（examples）
  + 运用方程式（equations）
  + 给出简单的解释，如“The BRDF relates the outgoing radiance *R* to the incoming illumination *I* as follows:”
  + 提醒读者之前的已有的方程式，如““The BRDF relates the outgoing radiance *R* to the incoming illumination *I* as follows:“
* **结果（Result）**
  + 需要证实你所做的声明
  + 如果可能，和其他方法进行比较
  + 快速的指出还有哪些不明确的地方
* **交流和结论（Discussion and Conclusion）**
  + 对于专家来说，交流可能是最富有趣味的部分
  + 这项工作的限制和有可能解决它们的方法
  + 假设能够成立的条件
  + 这项工作的意义以及它将如何造福其他人
  + 结论
  + 再次快速的表明为什么你的工作是特别棒的
  + 未来的发展方向
* **对非英语为母语的写作者**
  + 从其他撰写的优秀的论文中学习
  + 有条件的话，请编辑帮助进行拼写检查
  + 使用Word进行语法校对