•For office use only
T1 _____
T2 _____
T3 _____
T4 _____

Team Control Number
111111

Problem Chosen
ABCDEF

For office use only
F1 _____
F2 _____
F3 _____
F4 _____

2019
MCM/ICM
Summary Sheet
(Your team's summary should be included as the first page of your electronic submission.)
Type a summary of your results on this page. Do not include the name of your school, advisor, or team members on this page.

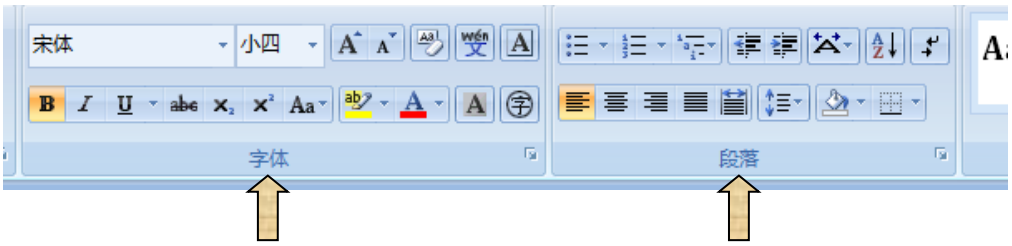
题目（Times New Roman、加粗、三号字体）

Summary

Summary，即摘要（只写在此页上，不要写多，最好写 2/3 或 3/4 页，太少了没有说服力！**不要低估了评委的能力！**）

（Times New Roman、五号字体、行距（固定值 18 磅为好）、为了美观，图文并茂，最好每段前面空 4 个英文字母，同时在段落中选择**两端对齐>按钮**）

（这些操作都在字体和段落中实现，不会的一定要问老师，**不可擅自做主！**）



如，下文比较美观：

According to HIGHWAY CAPACITY MANUAL(HCM 2000)[1], a basic freeway segment can be characterized by three performance measures: density in terms of passenger cars per mile per lane, speed in terms of mean passenger-car speed, and volume-to-capacity (v/c) ratio.

Each of these measures is an indication of how well traffic flow is being accommodated by the freeway. The three measures of speed, density, and flow or volume are interrelated. If values for two of these measures are known, the third can be computed.

Keywords:（每个关键词用 Times New Roman 下的分号隔开,最好 5~7 个,**不能少了！**）

CONTENTS

1 Introduction（一级标题，Times New Roman、加粗、小三号字体）（段前设置为 1.5 行，段后各设置为 1 行）

正文（Times New Roman、小四号字体、行距（固定值 18 磅为好）、为了美观，图文并茂，最好每段前面空 4 个英文字母，同时在段落中选择**两端对齐>按钮**）（这些操作都在字体和段落中实现，不会的一定要问老师，**不可擅自做主！**）
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1.1 Geographical Profiling（二级标题，Times New Roman、加粗、四号）（段前设置为 1.5 行，段后各设置为 1 行）

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1.1.1 Geographical Profiling（三级标题，Times New Roman、加粗、小四号）（段前设置为 1.5 行，段后各设置为 1 行）

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◆

◆

4 Symbols and Terms（一级标题，Times New Roman、加粗、小三号字体）（段前设置为1.5行，段后各设置为1行）

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（文中若有表，自己做表，不要截表，则为三线表，表的上方居中，五号，加粗，Times New Roman）

Tab. 1 The Symbols of Definition and Description

Symbol	Meaning(Units)
H^R	the HIV Rate
T	the number of HIV-1 subtypes in geographic distribution
H	Comprehensive Index for AIDS(Africa)
HR	Index for AIDS(Each Nation)
Ap_t	At the time t
SP_t	The Total Population in during the period (1950-t)
P_t	Birth Population at time t
R_t	Death Population at time t
S_t	Susceptible Population at time t
I_t	Infection Population at time t
k	Susceptible Ratio
b	Natural Birth Rate
β	Natural Mortality
v	Recovery Rate

注：文中的公式用 mathtype 编辑！设置好固定的大小后复制最初的即可！

$$\beta g\frac{n!}{r!(n-r)!}hmeasures \quad \text{（此为标准格式）} \tag{2.1}$$

$$\beta g\frac{n!}{r!(n-r)!}hmeasures \tag{2.2}$$

$$\beta g\frac{n!}{r!(n-r)!}hmeasures \tag{2.3}$$

5 Establishment of The Model（一级标题，Times New Roman、加粗、小三号字体）（段前设置为 1.5 行，段后各设置为 1 行）

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Tab.7 Comparison of the Predicted Data and the Actual Data（宋体五号、三线表）

main ingredient RE	Eigenvalues W	Contribution rate S	Accumulated contribution rate
1	3.55999	0.4450	0.4450
2	1.15019	0.1438	0.5888
3	0.965064	0.1206	0.7094
4	0.767684	0.0960	0.8054
5	0.577576	0.0722	0.8776

6	0.431951	0.0540	0.9316
7	0.301495	0.0377	0.9693
8	0.246047	0.0308	1.0000
Mean	1		

Each of these measures is an indication of how well traffic flow is being accommodated by the freeway. The three measures of speed, density, and flow or volume are interrelated. If values for two of these measures are known, the third can be computed.

5.1 Geographical Profiling（二级标题，Times New Roman、加粗、四号）（段前设置为 1.5 行，段后各设置为 1 行）

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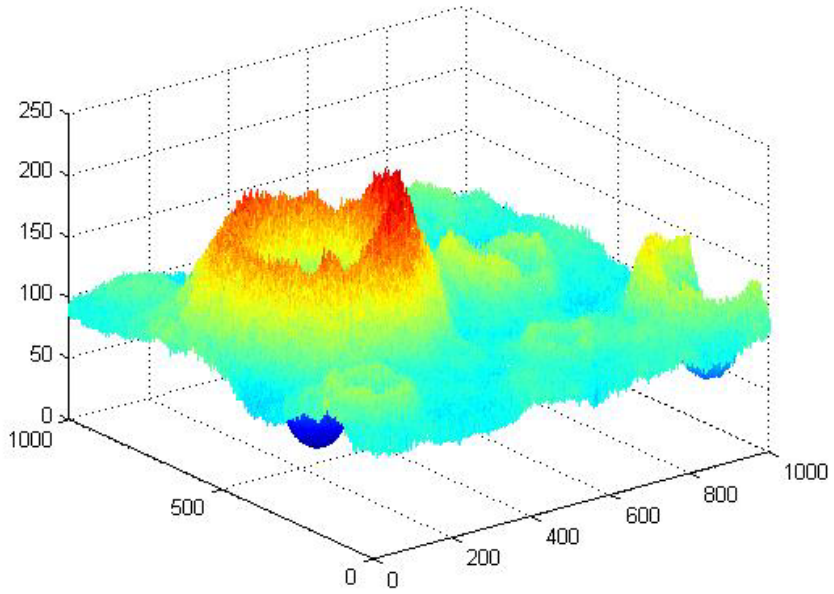

Fig.1 The Schematics of Overtake Model

（文中若有图，要插入图，不要截图，在下方居中，五号，加粗，Times New Roman）

6 Strengths and Weaknesses（一级标题，Times New Roman、加粗、小三号字体）（段前设置为 1.5 行，段后各设置为 1 行）

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6.2 Weaknesses（二级标题，Times New Roman、加粗、四号）（段前设置为 1.5 行，段后各设置为 1 行）

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下文比较美观：(http://www.sciencedirect.com/)

[1] Sun H J, Wang.S.R. FCM-based model selection algorithms for determining the number of clusters[J]. Pattern Recognition, 2004, 37(10): 2027-2037.（杂志）

[2] Wang Feng. FCM-based model selection algorithms for [M].Taiyuan :Shanxi University, 2013.（书）

[3] http://myportal.sxu.edu.cn/index.portal，2/8/2018.（网站）

Appendix I（若有另起页）（一级标题，Times New Roman、加粗、小三号字体）（段前设置为 1.5 行，段后各设置为 1 行）

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Appendix II III（若有另起页）（一级标题，Times New Roman、加粗、小三号字体）（段前设置为1.5行，段后各设置为1行）

Sincerely,
Team #54321