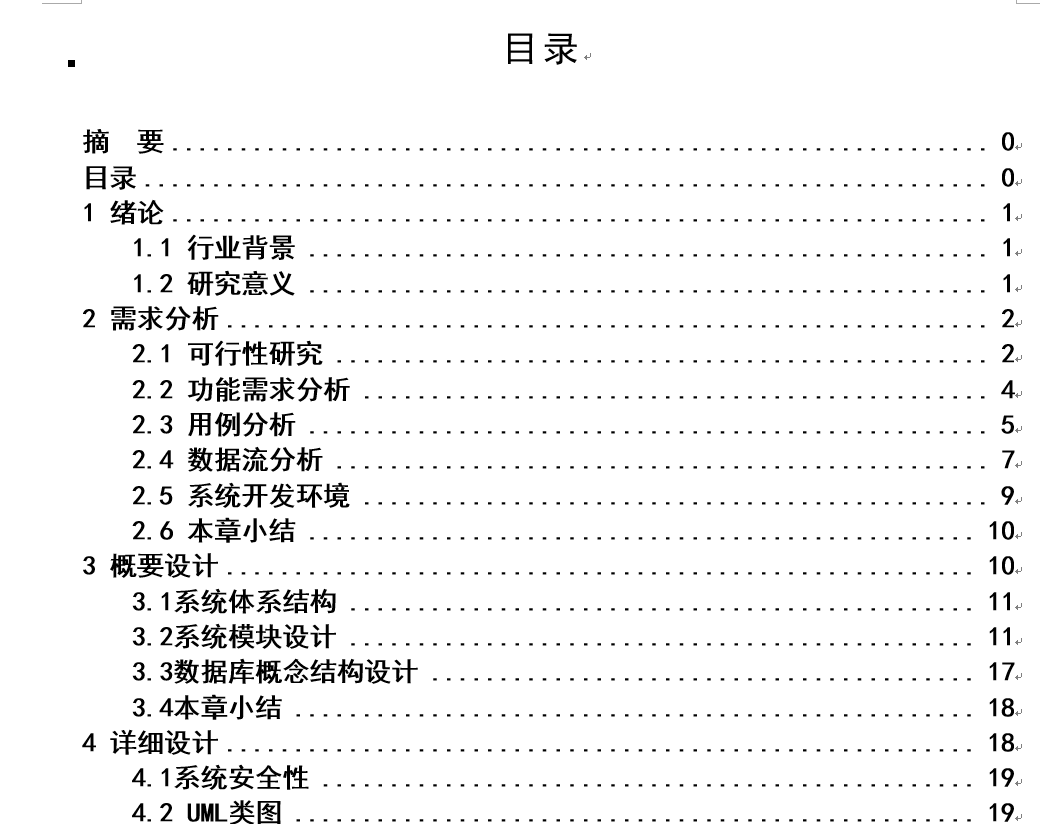
# 附件一：毕业论文（方案）模板\_开发方向

毕业设计叠放顺序：

1、封面。

2、“摘要”，使用一级标题格式，黑体三号加粗、1.25倍行距，字数不超过800字。

3、“目录”，使用一级标题格式，黑体三号加粗、1.25倍行距。列明三级标题。格式如下：



4、正文。论文标题，黑体小二加粗居中1.25倍行距。正文内容宋体小四号1.25倍行距，末尾不加标点。

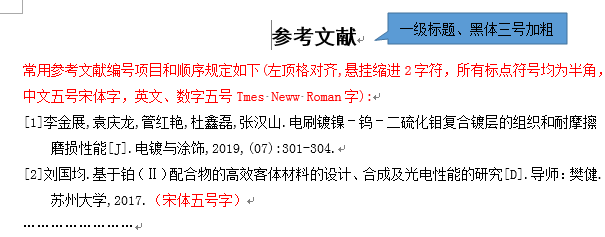
一级标题“1（空格）”使用一级标题格式，黑体三号加粗居中，1.25倍行距，数字与标题之间空一格，末尾不加标点。

二级标题“1.1（空格）”使用二级标题格式，黑体小四加粗，1.25倍行距，末尾不加标点。

三级标题“1.1.1（空格）”使用三级标题格式，黑体小四号加粗，1.25倍行距，末尾不加标点。

四级以下标题“（1）”，“①”宋体小四号、1.25倍行距，末尾加标点。后面直接写正文。

5、“参考文献”使用一级标题格式，黑体三号加粗居中，1.25倍行距。内容用宋体5号字。顺序为：序号“1、”，书名，作者，出版社，日期，版次。所有文献按照先中文后英文和出版先后的顺序排列。格式如下：



# 附件二：毕业论文（方案）模板\_网络组建方向模板

**重庆建筑科技职业学院**

**毕业设计（论文）**

题目

**姓 名**

**二级学院**

**专 业**

**指导教师**

**年 月 日**

**数字工程学院制**

# 摘 要

黑体三号加粗居中

一级标题、黑体三号加粗居中

(正文：宋体小四、1.25倍行距)

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

**关键词**(黑体小四加粗):xxxxx;xxxxx;xxxxx(宋体小四)

**目 录**

黑体三号加粗居中

[**摘 要 0**](#_Toc87542446)

黑体加粗四号字

[**目录 0**](#_Toc87542447)

[**1 绪论 1**](#_Toc87542448)

[**1.1 行业背景 1**](#_Toc87542449)

[**1.2 研究意义 1**](#_Toc87542450)

[**2 需求分析 2**](#_Toc87542451)

[**2.1 可行性研究 2**](#_Toc87542452)

[**2.2 功能需求分析 4**](#_Toc87542453)

[**2.3 用例分析 5**](#_Toc87542454)

[**2.4 数据流分析 7**](#_Toc87542455)

[**2.5 系统开发环境 9**](#_Toc87542456)

[**2.6 本章小结 10**](#_Toc87542457)

[**3 概要设计 10**](#_Toc87542458)

[**3.1系统体系结构 11**](#_Toc87542459)

[**3.2系统模块设计 11**](#_Toc87542460)

[**3.3数据库概念结构设计 17**](#_Toc87542461)

[**3.4本章小结 18**](#_Toc87542462)

[**4 详细设计 18**](#_Toc87542463)

[**4.1系统安全性 19**](#_Toc87542464)

[**4.2 UML类图 19**](#_Toc87542465)

[**4.3 UML时序图 19**](#_Toc87542466)

[**4.4 系统程序流程图 22**](#_Toc87542467)

[**4.5 本章小结 29**](#_Toc87542468)

[**5 系统实现 29**](#_Toc87542469)

[**5.1 用户信息管理模块实现 29**](#_Toc87542470)

[**5.2 订单管理模块实现 31**](#_Toc87542471)

[**5.3 二手车管理模块实现 32**](#_Toc87542472)

[**5.4 购物车模块实现 34**](#_Toc87542473)

[**5.5 留言管理模块实现 35**](#_Toc87542474)

[**5.6 推荐车辆管理模块实现 36**](#_Toc87542475)

[**5.7 分类车辆管理模块实现 37**](#_Toc87542476)

[**5.8 车辆销量展示模块实现 38**](#_Toc87542477)

[**5.9 本章小结 38**](#_Toc87542478)

[**6 系统测试** 39](#_Toc87542479)

[**6.1 软件测试目标 39**](#_Toc87542480)

[6.2 软件测试实现 39](#_Toc87542481)

[6.3 功能测试 39](#_Toc87542482)

[6.4 本章小结 40](#_Toc87542483)

[致 谢 41](#_Toc87542484)

[参考文献 42](#_Toc87542485)

[**附录 43**](#_Toc87542485)

**论文题目**

黑体小二加粗

一级标题、黑体三号加粗居中、数字与标题之间空一格

# 1绪论

二级标题、黑体小四加粗居中

## 1.1行业背景

(正文：宋体小四号1.25倍行距)

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

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# 2需求分析

(正文：宋体小四号、1.25倍行距)

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二级标题、黑体小四加粗居中

## 2.1可行性研究

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三级标题、黑体小四号加粗

### 2.1.1技术可行性

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### 2.1.2经济可行性

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### 2.1.3操作可行性

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### 2.1.4社会可行性

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## 2.2功能需求分析

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## 2.3用例分析

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## 2.4数据流分析

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 2.5数据流分析

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

# 3概要设计

## 3.1 系统体系结构

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 3.2系统模块设计

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## 3.3数据库概念结构设计

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# 4详细设计

## 4.1系统安全性

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## 4.2 UML类图

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 4.3 UML时序图

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 4.4系统程序流程图

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# 5系统实现

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# 6系统测试

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

# 结 论

一级标题、黑体三号加粗居中

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。(正文：宋体小四号、1.25倍行距)

# 致 谢

一级标题、黑体三号加粗居中

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx(正文：宋体小四号、1.25倍行距)

# 参考文献

一级标题、黑体三号加粗居中

常用参考文献编号项目和顺序规定如下(左顶格对齐,悬挂缩进2字符，所有标点符号均为半角，中文五号宋体字，英文、数字五号Tmes Neww Roman字):

[1]李金展,袁庆龙,管红艳,杜鑫磊,张汉山.电刷镀镍–钨–二硫化钼复合镀层的组织和耐摩擦磨损性能[J].电镀与涂饰,2019,(07):301-304.

[2]刘国均.基于铂（Ⅱ）配合物的高效客体材料的设计、合成及光电性能的研究[D].导师：樊健.苏州大学,2017.（宋体五号字）

……………………

# 附件二：毕业论文（方案）模板\_网络组建方向

毕业设计叠放顺序：

1、封面。

2、“摘要”，使用一级标题格式，黑体三号加粗、1.25倍行距，字数不超过800字。

3、“目录”，使用一级标题格式，黑体三号加粗、1.25倍行距。列明三级标题。格式如下：

4、正文。论文标题，黑体小二加粗居中1.25倍行距。正文内容宋体小四号1.25倍行距，末尾不加标点。

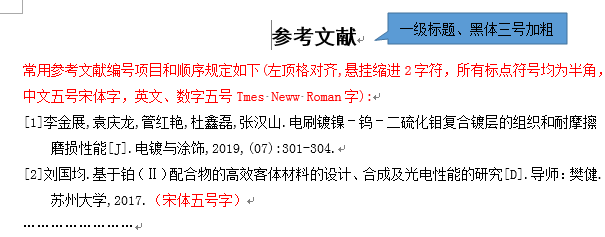
一级标题“1（空格）”使用一级标题格式，黑体三号加粗居中，1.25倍行距，数字与标题之间空一格，末尾不加标点。

二级标题“1.1（空格）”使用二级标题格式，黑体小四加粗，1.25倍行距，末尾不加标点。

三级标题“1.1.1（空格）”使用三级标题格式，黑体小四号加粗，1.25倍行距，末尾不加标点。

四级以下标题“（1）”，“①”宋体小四号、1.25倍行距，末尾加标点。后面直接写正文。

5、“参考文献”使用一级标题格式，黑体三号加粗居中，1.25倍行距。内容用宋体5号字。顺序为：序号“1、”，书名，作者，出版社，日期，版次。所有文献按照先中文后英文和出版先后的顺序排列。格式如下：



**重庆建筑科技职业学院**

**毕业设计（论文）**

题目

**姓 名**

**二级学院**

**专 业**

**指导教师**

**年 月 日**

**数字工程学院制**

# 摘 要

黑体三号加粗居中

一级标题、黑体三号加粗居中

(正文：宋体小四、1.25倍行距)

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

**关键词**(黑体小四加粗):xxxxx;xxxxx;xxxxx(宋体小四)

**目 录**

黑体三号加粗居中

黑体加粗四号字

[21级计算机网络技术专业毕业论文（作品）任务书 1](#_Toc145342799)

[（一）基本要求 2](#_Toc145342800)

[（二）选题要求 3](#_Toc145342801)

[（三）提交要求 3](#_Toc145342802)

[附件一：毕业论文（方案）模板\_网络组建方向 5](#_Toc145342803)

[摘 要 A](#_Toc145342804)

[1项目背景 2](#_Toc145342805)

[1.1行业背景 2](#_Toc145342806)

[1.2项目简介 2](#_Toc145342807)

[1.3项目预期目标 2](#_Toc145342808)

[2需求分析 2](#_Toc145342809)

[2.1可行性研究 3](#_Toc145342810)

[2.1.1技术可行性 3](#_Toc145342811)

[2.1.2经济可行性 3](#_Toc145342812)

[2.1.3操作可行性 3](#_Toc145342813)

[2.1.4社会可行性 3](#_Toc145342814)

[2.2网络功能需求分析 3](#_Toc145342815)

[3、方案设计 4](#_Toc145342816)

[3.1 布线系统设计 4](#_Toc145342817)

[3.2网络组建与维护设计 4](#_Toc145342818)

[3.3网络安全设计 4](#_Toc145342819)

[4方案实现 4](#_Toc145342820)

[5系统测试 5](#_Toc145342821)

[5.1 网络中心设备 5](#_Toc145342822)

[5.2 接入层交换设备 5](#_Toc145342823)

[5.3 Vlan及IP地址规划 5](#_Toc145342824)

[5.4 交换模块设计 5](#_Toc145342825)

[结 论 6](#_Toc145342826)

[致 谢 7](#_Toc145342827)

[参考文献 8](#_Toc145342828)

[重庆建筑科技职业学院学生毕业设计（论文）选题表（学生填写） 9](#_Toc145342829)

[说明：若毕业设计（论文）采用分组的方式进行的，本表可以一组填写一份。重庆建筑科技职业学院 9](#_Toc145342830)

[毕业设计（论文）过程检查情况记录表 10](#_Toc145342831)

[重庆房建筑科技职业学院毕业设计（论文）成绩评定表 11](#_Toc145342832)

[重庆建筑科技职业学院数字工程学院毕业设计（论文）答辩记录 12](#_Toc145342833)

[**附录 43**](#_Toc87542485)

**论文题目**

黑体小二加粗

一级标题、黑体三号加粗居中、数字与标题之间空一格

# 1项目背景

二级标题、黑体小四加粗居中

## 1.1行业背景

(正文：宋体小四号1.25倍行距)

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 1.2项目简介

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 1.3项目预期目标

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

# 2需求分析

(正文：宋体小四号、1.25倍行距)

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

二级标题、黑体小四加粗居中

## 2.1可行性研究

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三级标题、黑体小四号加粗

### 2.1.1技术可行性

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### 2.1.2经济可行性

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

### 2.1.3操作可行性

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

### 2.1.4社会可行性

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 2.2网络功能需求分析

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

# 3、方案设计

## 3.1 布线系统设计

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 3.2网络组建与维护设计

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## 3.3网络安全设计

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# 4方案实现

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# 5系统测试

## 5.1 网络中心设备

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## 5.2 接入层交换设备

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

## 5.3 Vlan及IP地址规划

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## 5.4 交换模块设计

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。

# 结 论

一级标题、黑体三号加粗居中

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx。(正文：宋体小四号、1.25倍行距)

# 致 谢

一级标题、黑体三号加粗居中

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx(正文：宋体小四号、1.25倍行距)

# 参考文献

一级标题、黑体三号加粗居中

常用参考文献编号项目和顺序规定如下(左顶格对齐,悬挂缩进2字符，所有标点符号均为半角，中文五号宋体字，英文、数字五号Tmes Neww Roman字):

[1]李金展,袁庆龙,管红艳,杜鑫磊,张汉山.电刷镀镍–钨–二硫化钼复合镀层的组织和耐摩擦磨损性能[J].电镀与涂饰,2019,(07):301-304.

[2]刘国均.基于铂（Ⅱ）配合物的高效客体材料的设计、合成及光电性能的研究[D].导师：樊健.苏州大学,2017.（宋体五号字）

……………………