模版

摘要

关键字： 关键字 1

一、模型的假设

- ...

二、符号说明

符号	意义	单位
..	..	..

三、问题分析

3.1 问题一分析

3.2 问题二分析

3.3 问题三分析

四、参考文献

[1] ....

[2] ....

附录 A 程序

cpp**Input C++ source:**

```
#include <iostream>
#include <cstdio>
#include <string>
#include <fstream>
#include <cerrno>
typedef long long ll;
using namespace std;

string get_file_contents(const char *filename)
{
   std::ifstream in(filename, std::ios::in | std::ios::binary);
   if (in)
   {
      std::string contents;
      in.seekg(0, std::ios::end);
      contents.resize(in.tellg());
```

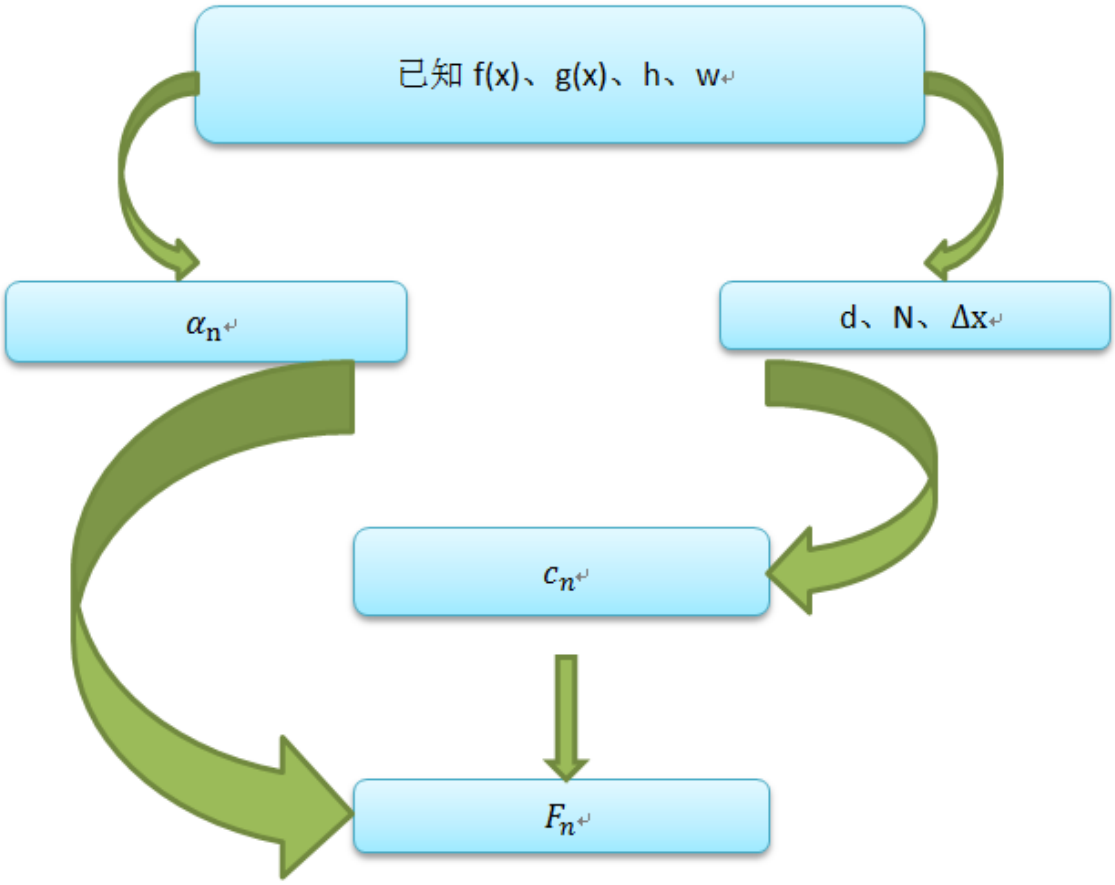

图 **1**　问题三流程图

```
        in.seekg(0, std::ios::beg);
        in.read(&contents[0], contents.size());
        in.close();
        return(contents);
    }
    throw(errno);
}
int main(int argc, const char * argv[]) {

    //freopen("/Users/tinoryj/Desktop/cData.txt", "w+", stdout);
    string dataRead;
    cin>>dataRead;
    //string dataRead = get_file_contents("/Users/tinoryj/Desktop/mData.txt");
    string dataM;
    ll cCountOfDataM[26] = {0};
    ll dataReadLen = dataRead.size();
    for(ll i = 0; i < dataReadLen; i++){

        if(dataRead[i] >= 'A' && dataRead[i] <= 'Z'){

            dataM += (dataRead[i] + 32);
            cCountOfDataM[dataRead[i] - 65]++;
        }
        if(dataRead[i] >= 'a' && dataRead[i] <= 'z'){
```

```
        dataM += dataRead[i];
        cCountOfDataM[dataRead[i] - 97]++;
      }
   }
   for(int i = 0; i < 26; i++){

      cout<<cCountOfDataM[i]<<"␣";
   }
   cout<<endl;
   /*
    int keyA[] = {1,3,5,7,9,11,15,17,19,21,23,25};
    for(int a = 0; a < 12; a++){

    for(int b = 0; b < 26; b++){

    string dataC;
    ll cCountOfDataC[26] = {0};
    for(ll i = 0; i < dataM.size(); i++){

    char temp = (char)(((dataM[i] - 97) * keyA[a] + b)%26 + 97);
    cCountOfDataC[temp - 'a']++;
    dataC += temp;
    }
    for(int i = 0; i < 26; i++){

    cout<<cCountOfDataC[i]<<" ";
    }
    cout<<endl;
    }
    }
    */
   return 0;
}
```