

## **CHAPTER VII**

### **CONCLUSIONS AND RECOMMENDATION**

Elliptic and parabolic equations are partial differential equations which are used for modeling engineering problems such as heat transfer, boundary-layer flow, diffusion, etc. These equations can be solved by numerical methods, for example, by finite difference methods to get the results close to the analytical solutions. This program can solve parabolic and elliptic PDEs by using Microsoft Visual Basic6. The results are divided into two parts. The first part is the numerical result shown as a table in Microsoft Excel and the second part is the graphical results shown by the MATLAB software.

ต้นฉบับ หน้าขาดหาย