

CHAPTER SEVEN

CONCLUSIONS AND RECOMMENDATIONS

- The computer is an extremely useful tool to the land surveyor. It will never replace the field surveying operations, but it can bring substantial benefits by both speeding up the data recording and eliminating arithmetical errors.

7.1 Conclusions

The main conclusions of the research are: -

- The interactive menu driven program provided a powerful technique for network design and the time spent was a minimum.
- The sequential least squares method is a powerful tool for control network design and the required design is obtained.

7.2 Recommendations

The following recommendations are suggested: -

- Cost constraints should be included into the program for optimum design, using linear programming.
- It is important to investigate the design of two-dimensional networks.