

PRODUCTION OF A TOPOGRAPHICAL MAP

by

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SUMMARY

The object of this project is to produce a topographical map, of an area. This area mapped lies along Tseriou street.

A selection of the most suitable stations was made after a reconnaissance survey of the area.

The first step was the triangulation and this was done to give a typical example of triangulation when such a method is necessary to be used for fixing stations.

The following step was the chain surveying in which all existing features within the boundaries of the area mapped, were taken.

Then levelling of the stations was done to find their relative heights.

The last step was the contouring. This was done for the whole area using the radiating method in order to show the procedure and use of it as an application of levelling.

The following maps were drawn:

- A. Triangulation
- B. Levelling and Contouring
- C. Chain Surveying
- D. Final map.

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