

UNIVERSITI TEKNOLOGI MARA

**INVESTIGATION OF MULTIPLE SOLAR
OBSERVATION AFFECTING THE CADASTRAL
WORKS**

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of the requirements for the degree of
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AUTHOR'S DECLARATION

I declare that the work in this report was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledged a referenced work. This report has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and regulations for Undergraduate, Universiti Teknologi MARA, regulating the conduct of my study.

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ABSTRACT

Basically, this research are going to overcome the issue that did not well-informed by the users of solar observation data in least square adjustment method regarding the new method of networking adjustment in cadastral surveying. The purpose of this investigation was to evaluate the suitability and applications of solar observation in least square adjustment. There are some objectives that need to be achieved where to identify the impact of solar observation in polygon traverse and to investigate the impact of solar observation in link traverse due to those data, it will being compared with the perfect data to analyze the best method on using least square adjustment (LSA) method.

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