UNIVERSITI TEKNOLOGI MARA

THE EFFECT OF PARTIALLY FIX IN LEAST SQUARES

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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

The Department of Survey and Mapping Malaysia (DSMM) having an issues regarding adjustment especially related to least square adjustment (LSA). The way of adjusting the data using LSA are still can be improved by DSMM. Hence, the aim of this research is to study is to investigate the impact of partially fix in cadastral adjustment. To achieve this aim, the objectives of this study identify the impact weight to the observation precision and to investigate the impact of partially fix to the adjusted coordinate. Thus, most suitable adjustment method is obtained according to the results of the application.

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