

# APPLICATION TO LEVELING USING TOTAL STATION

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**Key words:** Total station, Indirect leveling method, Incidence angle, Regression analysis.

## ABSTRACT

Total Station are spread to many measuring sites, however, their functions are not fully understood yet. Leveling is one of the misunderstandings. The indirect leveling method using total station for leveling is considered to have due accuracy, applications of the indirect leveling is gradually expanding for public works such as construction of roads, airports and cities.

Instead of direct leveling method, indirect leveling method using total station is applied in this research to assure the technicians in performing the tests, it is more economical as well.

The results are expected to be used for many public works including routine survey, wide residential land development and subsidence measuring instruments.

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