

Traverse Surveying Table Simple and Sure

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Abstract : Creating surveying stations is the first thing that a surveyor learns; they can use it for control and implementation in projects such as buildings, roads, tunnels, monitoring, etc., whatever is related to the preparation of maps. In this article, the method of calculation through the traverse table and by checking several examples of errors of several publishers of surveying books in the calculations of this table, we also control the results of several software in a simple way. Surveyors measure angles and lengths in creating surveying stations, so the most important task of a surveyor is to be able to correctly remove the error of angles and lengths from the calculations and to determine whether the amount of error is within the permissible limit for delete it or not.

Keywords : UTM, localization, scale factor, cartesian, traverse

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