## Db-013

## Room: C101

## The Detection and the Rejection of Outliers

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The Detection and the Rejection of Outliners: Theoretically, it is absolutely necessary to detect outliers in the least squares adjustment; in addition, to reject them, if necessary. We have both Baarda and Pope methods for the treatment of the outlers. Since Pope method is more advanced in theory, numerical examples using the method are shown as follows:1)To confirm the theory. 2)the Construction of Computational Program.3).Specification of examples. a.Triangulation and Trilateration. b.Traverse. c.Resection. d.Similarity Transformation. e.Three Dimensional Observation incorporated with GPS vectors

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