

# ELECTRO-DISTANCE METER HEIGHT ACCURACY DETERMINATION WITH RESPECT TO ENGINEERING LEVELLING

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## Abstract

The Electro-Distance- Meter instrument ( *E.D.M.* ) is considered an important tool for the surveying purposes. The main aim of this article is to study the theoretical analysis for the elevation difference (  $\Delta h$  ) accuracy and field applications to reach a satisfied level differences between points, by modeling and simulation standard deviation (  $\sigma$  ) for (  $\Delta h$  ) values using *E.D.M.* instruments .