**USE OF CORRELATION FACTORS TO INTERBRET**

**SELF – POTENTIAL ANOMALIES DUE TO SPHERES**

**AND HORIZONTAL CULINDERS**

**BY**

**E.M . Abdalrahman and T.M. El-Araby**

Geophsics Debartment, Faculty of Science, Cairo University, Giza

Egypt.

**ABSTRACT**

The correlation factors between cuccessive least- squares residual S anomalies from a buried sphere and a two- dimenshional (2- D) horizontal cylinder are used to determine the method is very easy and may be automated if desired. The method is in dependent of regional. The procedure of interpretation is shown with of field example frome Turkey.