ID: Type: **Poster**

Geoid Determination in the Western Part of Egypt from Gravity Data and GPS/Leveling

Precise geoid determination is one of the main current geodetic interests in Egypt. The method of Least-squares collocation (LSC) is used in this research for the computation of geoid in Egypt, combining a geopotentail model complete to degree and order 360 in addition to gravity and GPS/leveling data. No topographic information was taken into account on the area under study.

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