



ABSTRACTS

10. Cornel PAUNESCU, Florin NACHE, Roxana Augustina STANESCU: *Determination of altitudes by the trigonometric leveling with different refraction coefficients*

At present, altitude determinations are made using GNSS technology. It is known that this technology is tributary to the geoid model (cvasigeoid). Altitude precision is not always very good for the intended purposes. The geometric level is often costly and requires quite a lot of staff. Trigonometry on small distances may be an alternative for altitude determination with sufficient precision for most applications. The problem occurs when determining the refractive coefficient, which is usually considered constant. This paper presents a practical way of determining altitudes using the trigonometric leveling method.

Organisers



Partners

