

Professional paper

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ON THE POSSIBILITY OF MEASURED ANGLE CHECKING BY USING MEASURED DISTANCES

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ABSTRACT

Before the electronic distance meters appears the angles measuring dominated in geodetic networks. Development of distance measuring technology and appearance of automated total stations almost equaled the efficiency of measuring angles and distances. This fact allows designer of geodetic networks to combine angles and distances in order to achieve its needed quality. This paper aims to research possibility of checking measured angle by using cosines theorem on the base of measured distances.

Key words: *measured angle, cosines theorem, statistical hypothesis testing*

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