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**ANALYSIS OF THE RESULTS FROM EXPERIMENTAL
DISTANCE MEASUREMENTS WITH LASER DISTANCE METER
TO SAMPLES OF BUILDING MATERIALS**

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ABSTRACT:

When making measurements to inaccessible points, it is necessary to ensure the accuracy of the measurements, which implies a good understanding of the capabilities of reflectorless technologies. The accuracy of the measured distance in a non-reflective mode depends on the qualities and optical properties of the reflecting surface as well as on the angle that is formed between it and the vision line. The possibilities for the successful application of the reflectorless technologies were investigated, by conducting experimental linear measurements to samples of building materials.

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