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RELATIONSHIP BETWEEN TREE CROWN DIAMETER AND VARIOUS TAXATION INDICATORS IN THE NORTH-TAIGA FOREST AREA

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To improve the accuracy of the assessment of forest area from aerial photographs by automated decoding, it is necessary to study of the degree of tightness and interrelation forms between decryption and evaluation indexes. The purpose of the study is to identify the most reliable (optimal) dependencies between these indicators and the subsequent development of equations in their calculation. The interrelations of the taxation diameter and decoding indicators of the forest stand such as: height and diameter of the crowns are revealed. As a result of the analysis of the dependencies between the fullness and closed canopy revealed a weak relationship.

Key words: *decryption indicators; taxation indicators; crown width; canopy structure; taxation-decoding test plots; super detailed shooting.*

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