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ALGORITHM FOR DETECTION OF STEGANOGRAPHIC INSERTIONS OF  
LSB-SUBSTITUTION TYPE BASED ON THE LEAST SIGNIFICANT BITS ANALYSIS

The article suggests an algorithm for detecting steganographic insertions, actualized as a substitution of least significant bits. The proposed algorithm is based on the analysis of LSB layer. Embedding areas are determined by taxonomy algorithm. In order to improve efficiency in the areas containing a gradient fill there we employ a preprocessing algorithm.

**Keywords:** search for LSB insertions, stego-container analysis, image analysis with insertions, detection of LSB insertions.

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