

# **THE STATISTICAL ANALYSIS OF SPATIAL DISCRIMINATORS OF SHIFT OF IMAGES' DYNAMIC FRAGMENTS**

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In this paper the algorithm of the maximal likelihood is used for an estimation of unknown parameter of shift of a dynamic fragment of the videoimage. It is implemented here as the spatial discriminator. The opportunity of evaluation of an estimation of parameter of shift with smaller computing expenses in comparison with known algorithms is shown. Statistical modeling has been carried out for the purpose of research of applicability of the offered numerical algorithms to the different types of images.