

## POSSIBILITIES OF MRI ANALYSIS UNDER CONDITION OF INSTABILITY OF SIGNALS MEASUREMENT

The influence of the instability parameters and the irregularities of the magnetic fields of the gradient system on the quality of tomograms was studied by methods of processing real tomographic images. It is shown that the possibility of obtaining reliable diagnostic information depends on the type of image. Three types of reconstructed images for different values of signal deviation from the usual positions were received. The histogram analysis was conducted for estimation of the contributions of the unstable magnetic field gradients.

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