

Study of the method for determining the parameters of the iterative scheme for the implementation of the reconstruction filter

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Abstract

The paper [1] considers a technology for processing large images, which uses filters with an infinite impulse response (IIR filters) to restore images. The main stages of this technology include: selecting test samples on the initial image to train the processing algorithms, training the image processing algorithms on test fragments, processing the initial distorted image. The algorithms involving the said stages of technology are described in [1]. One of the problems arising at the stage of image processing is to ensure the computational stability of the iterative scheme of filter implementation.

Keywords: iterative scheme, reconstruction filter, processing large images, infinite impulse response, IIR filters, processing initial distorted image.

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