Development of robust image processing algorithms by way of approximating filters with an infinite impulse response

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Abstract

The article considers the problem of constructing stable filters with a finite impulse response (FIR filters) by way of approximating the corresponding, and in the general case, unstable, filter with an infinite impulse response (IIR filter), obtained as a result of "blind" identification of parameters from small test fragments of images.

<u>*Keywords*</u>: image processing, approximating filter, FIR filter, IIR filter, "blind" identification.

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Access full text (in Russian)

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