

# The technology for determining the recovery filter and color image processing

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## **Abstract:**

The paper considers the issue of improving the quality of color images. In order to determine the parameters of IIR filter, the problem of identification on the generated test fragments is solved by the example of an end-to-end technology for determining a stable reconstruction filter and processing grayscale images. Filter identification and color image processing is performed in the Lab color space.

**Keywords:** recovery filter, image processing, color images, IIR filter, end-to-end technology, Lab color space.

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