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## USING DIGITAL FILTERS FOR IMAGE VECTORIZATION

**Plamen Maldzhanski (BG)**

### ABSTRACT

Usage of appropriate digital filters that provide edge-sensitive interpolation for reduction of errors and improvement of the quality of autovectorized images is considered. Examples for the usage of Sharpen, Emboss and Sobel Edge filters are applied. Conclusions are made about the usage of the proposed methodology for automated vectorization of facade plans, developed for archiving cultural and architectural monuments.

**Keywords:** digital filters, image processing

### AUTHOR:

**Assoc. Prof. DR. Eng. Plamen Maldjanski**

Tel. 63321/371

/ JSM 0888 97 69 24 /

E-mail: p\_maldjanski@mail.bg