

AN ALGORITHM FOR EXTRACTING INVISIBLE INFORMATION FROM SCANNED POLYGRAPHIC PRODUCTS

© 2008 N.I. Glumov², V.A. Mitekin^{1,2}, A.V. Sergeev², V.A. Fedoseev^{1,2}

¹ Samara State Aerospace University

² Image Processing Systems Institute of the RAS

We propose a steganalysis technique for the Invisible Personal Information algorithm intended for embedding digital watermarks (DWM) in polygraphic products and considered steganographically robust. The steganalysis technique in question involves two stages: first, out of the entire set of embedding keys a probable key subset is extracted and, then, the image is being prepared using each of the keys chosen so that a watermark can be discovered. Also, we investigate the robustness of the steganalysis algorithm relative to distortions due to printing and scanning of stegagrams with DWMs.

Digital water mark, steganographic system, polygraphic products, lens array, embedding key

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Glumov Nikolay Ivanovich, in 1985 graduated from Kuibyshev Aviation Institute, majoring in Applied Mathematics. Currently he is a senior researcher at IPSI RAS, Mathematical Methods of Image Processing laboratory. He is a candidate in Engineering. Research interests: mathematical methods of digital image processing and recognition.

Mityekin Vitaliy Anatolievich, in 2006 graduated from SSAU's Informatics department. Currently, he is a post-graduate student at SSAU's Geo-Informatics sub-department and a trainee researcher at IPSI RAS. Research interests: steganography and steganalysis.

Sergeev Alexandr Vladislavovich, in 2007 received BSc degree from SSAU's Informatics department. He works as a technician at IPSI RAS. Research interests include steganography, image compression, algorithms for image processing and analysis.

Fedoseev Victor Andreevich, in 2007 received BSc degree from SSAU. Currently, he continues his studies at SSAU and works as a technician at IPSI RAS. Research interests include image processing, computer graphics, steganography, cryptography.