The analysis of a pseudo-holographic method from the point of view of p-adic metrics

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Abstract

The article provides a detailed description and the mathematical framework of the pseudo-holographic coding method. Another approach to indexing the source image is considered, in accordance with the investigated encoding method. The analysis of the pseudo-holographic method from the point of view of p-adic metrics is presented. Based on this analysis, the basic properties of the pseudo-holographic coding method are substantiated.

Keywords: pseudo-holographic method, p-adic metric, encoding method, image.

Citation: Barinova DA. The analysis of a pseudo-holographic method from the point of view of p-adic metrics. Computer Optics 2005; 28: 128-131.

Access full text (in Russian)

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