

Research on data hiding in digital images

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Abstract: In current practice, hiding information in digital images plays an important role in protecting information and enhancing data security. This topic focuses on researching steganography methods in the color space of digital images to provide suitable solutions for practical applications such as copyright protection, secret message transmission, and secure data encryption. The research method is applied by integrating theory with experimentation to ensure high accuracy and performance of the steganography system. The expected results of this topic will contribute to expanding knowledge about steganography techniques in the field of graduation projects, while also providing recommendations for specific application deployment.

Keywords: data hiding, digital image, steganography, data security, secret message transmission