

New Qubits Steganography Algorithm to Conceal a Secret File in Compressed Edge Detection Operators Based on Optimized Adaptive Neural Networks

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Abstract— A compressed Qubits image steganography based on an optimized adaptive neural networks is proposed in this paper, to solve many problems related to adjustment, size and recognition. That are considered inefficient in image information concealing. We used M-PSO algorithm to determine an optimal target vales of the adaptive neural networks to obtain low noise and high accuracy when the results trained. However, our proposed scheme can separately conceal secret message and the content of cover file.

Keywords: Qubits image steganography, image compression, edge detection operators, M-Pso algorithm, optimized adaptive neural networks.



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