



A PRACTICAL LATTICE QIM METHOD: TCQ-IS (WedAmOR9)

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✳ Abstract :

Designing practical methods that target achieving the ideal data hiding capacity is one of the main foci of data hiding field. High dimensional quantization enables to narrow the gap between ideal and actual capacities. However, computational complexity becomes a prohibitive factor. Lattice based quantization appears to be a good candidate for practical solutions. In this paper, it is shown that TCQ-IS, a previously proposed data hiding method, constitutes a practical method for lattice quantization based data hiding.