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Fragile Image Watermarking With Pixel-wise Recovery Based on Overlapping Embedding Strategy

Chuan Qin , Ping Ji , Xinpeng Zhang , Jing Dong , Jinwei Wang

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## Highlights

- Overlapping-block embedding strategy is introduced in the proposed scheme.
- Two possible embedding modes are utilized for the blocks based on the locations.
- Authentication-bits are generated according to the complexity of each block.
- Block-wise tampering detection and pixel-wise content recovery are collaborated.
- Better tampering recovery performance can be achieved than some of reported schemes.

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