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An effective vector filter for impulse noise reduction based on adaptive quaternion color distance mechanism

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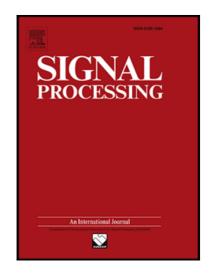
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Highlights:

- An adaptive weighted quaternion color distance method.
- An effective coarse-to-fine impulse noise detection operator.
- Quaternion ROR and LRD.



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