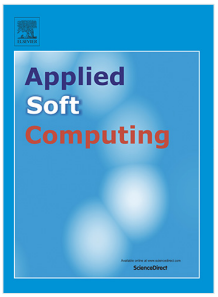
Accepted Manuscript



Hamiltonian path based image steganography scheme with improved imperceptibility and undetectability

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PII: S1568-4946(18)30496-4
DOI: https://doi.org/10.1016/j.asoc.2018.08.034
Reference: ASOC 5065

To appear in: *Applied Soft Computing Journal*

Received date : 13 February 2018
Revised date : 23 August 2018
Accepted date : 27 August 2018

Please cite this article as: G.S. Yadav, A. Ojha, Hamiltonian path based image steganography scheme with improved imperceptibility and undetectability, *Applied Soft Computing Journal* (2018), https://doi.org/10.1016/j.asoc.2018.08.034

Highlights

- Data hiding schemes based on data embedding cost optimization and histogram distortion minimization using a Hamiltonian path are proposed.
- Hamiltonian path based data embedding pattern generation makes the scheme highly secure.
- The scheme outperforms existing schemes on account of imperceptibility and data security.