

Accepted Manuscript

Hamiltonian path based image steganography scheme with improved imperceptibility and undetectability

Gyan Singh Yadav, Aparajita Ojha

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>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



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.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/11031584>

Download Persian Version:

<https://daneshyari.com/article/11031584>

[Daneshyari.com](https://daneshyari.com)