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| Book Name: | [**New Horizons of Science, Technology and Culture**](https://bookstore.bookpi.org/product/new-horizons-of-science-technology-and-culture-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5655** |
| Title of the Manuscript:  | **Robust Technique for Image Encryption and Decryption Using Discrete Fractional Fourier Transform with Random Phase Masking** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Procedia Technology 10 ( 2013 ) 707 – 714.**

**Available:** [**https://doi.org/10.1016/j.protcy.2013.12.413**](https://doi.org/10.1016/j.protcy.2013.12.413)

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is very important for the scientific community as nowadays there is a growing need for image security (due to the surge in digital image sharing). In the proposed system, the use of exponential phase masks increases the complexity and makes brute-force or analytical attacks more difficult** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Title is looking okay** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The manuscript is scientifically correct and it would be highly relevant, especially if:*** **You introduce**optimization**(speed, key size, compression)**
* **Combine DFRFT with**chaotic systems**,**DNA coding**, or**neural networks
* **Extend it for**color images, video encryption**, or**real-time applications
 |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **References look okay** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)No* |  |

**Reviewer details:**

**Sreeparna Chakrabarti, Kristu Jayanti College, India**