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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\_5744** |
| Title of the Manuscript: | **An Effective Feature Extraction Algorithms for Ridge Information, Minutia Information and DWT from Fingerprint Image** |
| 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.**

**International Journal of Intelligent Systems and Applications in Engineering, 12(18s), 206–217, 2024.**

**Available:** [**https://ijisae.org/index.php/IJISAE/article/view/4965**](https://ijisae.org/index.php/IJISAE/article/view/4965)

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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.** | **Ridge transform is emerging method to be used as feature extraction method,classifier etc. So based on this, this work is dealing an interesting content.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Ridge information is one of the feature, feature extraction is not for taking ridge information**  An Effective Feature Extraction Algorithms for Ridge Information, Minutia Information and DWT from Fingerprint Image |  |
| 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. | **In abstract no need to specify the reference work.** The work has been motivated by studies in anthropometry [11], biometric characteristic [3], and pattern recognition [14] suggesting that it is possible to extract more detailed information from ridge, minutia and DWT information from fingerprints. |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Correct, but nor correctly organized.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Sufficient** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Language quality is ok. |  |
| Optional/General comments | Fig 1 is not clear.  Fig 2 uses DWT structure not thumb structure. Authors need to verify this.  Algorithms are explained.  In section 3 methodology can be explained with diagrams clearly with size of the image.  All the equations can be listed as performance measures.  Comparison of recent work is needed essentially. |  |

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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)* |  |

**Reviewer details:**

**N.Sivasankari, India**