|  |  |
| --- | --- |
|  | |
| Book Name: | **Finite Abelian Groups, Elliptic Curves, Blockchain with Hashing and Graphs** |
| Manuscript Number: | **Ms\_BPR\_3842.7** |
| Title of the Manuscript: | **A Python Programming Initiative for Elliptic Curves over Finite Fields** |
| Type of the Article | **Book chapter** |

**General guidelines for the Peer Review process:**

This Book’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty’**, provided the manuscript is scientifically robust and technically sound.

To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

**Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/book-benefits-for-reviewers>

|  |  |  |
| --- | --- | --- |
| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **The article is not well written; e.g. starting an article with ‘Let us type a python code…’ is not a good introduction. ‘For the value \alpha P is irreducible (page 2) makes no sense. Does the author mean ‘is not a root’? There are no references to the underpinning mathematics, e.g. addition on an elliptic curve. The programs presented are all rather trivial. The English is patchy e.g. pager 11 ‘certainly it will computing for many n’.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Not sure in what sense this is an initiative.** |  |
| 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. | **Have not located an abstract.** |  |
| **Are subsections and structure of the manuscript appropriate?** | **There is no overall plan nor proper reference to the underpinning mathematics.** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | **It looks correct but is very elementary and there is no attempt to explain the significance of what is done.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references look a little random. E.g. referring to original papers of Cayley and Sylow. This area is very well developed and has been for over thirty years see e.g. A course in computational algebraic number theory, 1993, Cohen, Springer.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | No it needs revision. |  |
| Optional/General comments |  |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with 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 details)* |  |

|  |  |
| --- | --- |
| **Reviewer Details:** | |
| Name: |  |
| Department, University & Country |  |