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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_** **3724.38** |
| Title of the Manuscript: | **UNIQUENESS FUNCTIONS SHARING TWO VALUES CONCERNING DIFFERENCE-DIFFERENTIAL POLYNOMIALS** |
| Type of the Article | **COMPLETE BOOK CHAPTER** |

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| 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 uniqueness theory of entire and meromorphic functions sharing sets is an important subfield of value distribution theory. A non-constant meromorphic function on the complex plane $\mathbb{C}$ is uniquely determined by the preimages (ignoring multiplicities) of five distinct values, including infinity. The elegance of such results lies in the fact that there is no analogous counterpart in the theory of real functions.\vspace{2mm}**  **In this paper, the authors have studied the uniqueness of meromorphic functions concerning differential-difference polynomials that share two values, utilizing the concept of weighted sharing of sets and Nevanlinna theory. While the proofs of the main results are correct, the manuscript lacks a discussion of literature gaps and recent advancements in the field. Because, value sharing is special case of set sharing, I believe it would be beneficial to include the following papers and revise the background literature accordingly.**   1. [**https://doi.org/10.1515/ms-2017-0247**](https://doi.org/10.1515/ms-2017-0247) 2. [**https://doi.org/10.3103/S1068362320030024**](https://doi.org/10.3103/S1068362320030024) 3. [**https://doi.org/10.1007/s41478-022-00402-4**](https://doi.org/10.1007/s41478-022-00402-4) 4. [**https://doi.org/10.1007/s13324-022-00668-8**](https://doi.org/10.1007/s13324-022-00668-8) 5. [**https://doi.org/10.1007/s13226-022-00329-3**](https://doi.org/10.1007/s13226-022-00329-3) 6. [**https://doi.org/10.4134/CKMS.c170360**](https://doi.org/10.4134/CKMS.c170360) |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, it is suitable** |  |
| 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. | **Yes** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Yes** |  |
| **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.** | **Nevanlinna theory is a cornerstone of complex analysis, particularly in the study of meromorphic functions, offering profound insights into value distribution and the growth of such functions. This manuscript demonstrates scientific robustness by accurately applying the fundamental principles of Nevanlinna theory, including the First and Second Main Theorems, to derive meaningful results. The mathematical arguments are rigorously developed, with well-supported proofs and clear logical progression, ensuring technical soundness. Additionally, the manuscript contributes to existing research by addressing significant applications or extending classical results, further validating its scientific merit.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **Not all. I suggested to add more recent artciles in the advancement of the field.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | I suggested to improve English in the mansucript |  |
| Optional/General comments | I recommend the paper for accepting in the “book chapter” as the research work of the paper follows the aim and scope of the journal. However, a few typos are there in the manuscript which need to be corrected in the revised manuscript.   1. In Page 1, at the title and line 4: ``difference-differential..." would be ``differential-difference..." \vspace{2mm}      1. In page 2, Remark 1.1: ``If we set..." would be ``If we consider the sets..." \vspace{2mm}      1. In page 6, line 13: ``we obtain a..." would be ``we get a..." \vspace{2mm}     4. Correct the references [1], [9] and [10] as the following\\  A. Banerjee and M. B. Ahamed, Nonlinear differential polynomials sharing a non-zero polynomial with finite weight, Mathematica Bohemica 141, no. 1 (2016): 13-36.\vspace{2mm}     1. I suggest to replace $\xi$ and $\zeta$ by $f$ and $g$, respectively, in the whole manuscript because it seems odd.\vspace{2mm}      1. In Remark 1.2, 'extend, generalize,   and improve' is not suitable sentence to write but write 'generalize' only.\vspace{2mm}     1. It would be better to write "second fundamental theorem" in the introduction of the manuscript. |  |

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| **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)* |  |

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| Reviewer Details: | |
| Name: | **Molla Basir Ahamed** |
| Department, University & Country | **Jadavpur University, India** |